

# **Sprint Notes**

## **2026.01**

**infor** Pathway

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# Introduction

This document describes the Fixes and Software Corrections made in Sprint 2026.01 of the Pathway ePathway and Pathway Smart Mobile software.

Included in this document are the following sections:

## Online Help

This includes an overview of how to access Pathway Help.

## Modules

Each module which has undergone modifications is included in this documentation. The related information is now contained in the following documents:

- Infor Pathway Sprint Notes 2026.01.pdf
- Infor Pathway Sprint Notes Summary 2026.01.xlsx

## Online Help

Help documents can be accessed from within the Pathway UX Client by using F1 on the keyboard.

This opens User Guide information for the UX page you are on, where it is available.

## System Functionality

### Support

Case: KSTN CS0381462, LAKE CS1049527 UX Client	Work Item: 64729 ERS:
---	--------------------------

#### DOWNLOAD LOGS

The log files downloaded from the Support page will mask password fields displayed within the log files.

### Customer Type Maintenance

Case: TOOW CS0679656, CAMP CS1139367 UX Client	Work Item: 65720 ERS:
---	--------------------------

#### CUSTOMER REQUEST CUSTOMER FUNCTION TYPE MAINTENANCE

Customer Request Customer Function Type Maintenance may have failed to load if it had request types assigned that had been deleted.

### Customer Profile Maintenance

Case: DARE CS0821622 UX Client	Work Item: 66119 ERS:
-----------------------------------	--------------------------

#### REMOVE/REPLACE CUSTOMER NAME OR COMPANY REPRESENTATIVE

Customer Profile Maintenance now allows for the removal or replacement of the Name (Customer Name or Customer Representative) from a Customer Profile.

### Paperclip Attachments

Case: COGC CS1109759 UX Client	Work Item: 67063 ERS:
-----------------------------------	--------------------------

#### ATTACHMENT MAINTENANCE

In some cases when an attachment file was uploading the Save button was available which caused problems if save was activated by the user prior to completion of the file upload processing. The save button is no longer available while file upload processing is in progress to prevent these problems.

### Paperclip Attachments

Case: WODO CS0983549 UX Client	Work Item: 67172 ERS:
-----------------------------------	--------------------------

#### ADD ATTACHMENTS VIA SUMMARY FORM

When Paperclip Attachments are added via the Drag and Drop function on the Summary form, the process now checks for unique file names to prevent clashes with the same file name being processed by the control.

## Attachment Maintenance

Case: UX Client	Work Item: 67397 ERS:
--------------------	--------------------------

### ATTACHMENT DESCRIPTION

The Attachment Description will be set for new attachments if the default Attachment Type has Use Description on and the Attachment Description is blank. Changing the Attachment Type will no longer lose the selected row and cause the fields at the bottom to appear incorrect.

## Date Picker

Case: TOOW CS0051192 UX Client	Work Item: 61597 ERS:
-----------------------------------	--------------------------

### TODAY'S DATE

Pressing the T key on the keyboard will now set a Date field to today's date.

## Session Timeout

Case: COGC CS1182234 UX Client	Work Item: 65077 ERS:
-----------------------------------	--------------------------

### SESSION TIMEOUT MESSAGE

The session timeout message will now be consistently displayed when a session has timed out.

## MyPathway Charts

Case: UX Client	Work Item: 66521 ERS:
--------------------	--------------------------

### HIDE WHEN NO RESULTS

It is now possible to hide a chart on a Summary Form, including Home, if the query returns no results. Under System Administration >> System Parameters >> MyPathway Charts select the chart you want to alter, then Options - Chart Parameters. To hide a chart, turn on the new flag Hide when no results.

## Summary Forms

Case: UX Client	Work Item: 66535 ERS:
--------------------	--------------------------

### PART WIDTH

The width of a part can now be set at the system or user level.

## Pathway Charts

Case: UX Client	Work Item: 66680 ERS:
--------------------	--------------------------

### GAUGE CHART RANGE

A Gauge chart will now show colours for each range value, to better show where the result is within the range parameters.

## User Settings

Case: UX Client	Work Item: 66757 ERS:
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### USER SETTINGS

The Pathway UX display has changed. Some default values have been updated to improve feature set displays within Pathway UX.

The following settings have been altered:

Version -**New**

Compact Mode - **On**

Open Options in Search Results - **On**

Grid Row Height - **Extra Small**

Lookup Page Size - **25**.

The change was also applied to your site's Default User Settings, stored under the trusted privileges User Account.

## Sign out

Case: BEND CS1184665 UX Client	Work Item: 67235 ERS:
-----------------------------------	--------------------------

### LICENCE COUNT WITH MULTIPLE PRESENTATION SERVERS

The multiple Presentation servers are now treated as a single Presentation server to ensure that a sign-out will reflect the active licence count of sessions. Sessions signed on via SSO will now decrease the license count.






## Security

Case:  
UX Client

Work Item: 67659  
ERS:

### LEGACY JAVASCRIPT LIBRARY

A legacy JavaScript library, promise-polyfill, has been removed as it is no longer required for Pathway UX supported browsers. We support the latest release and the previous release to the latest (R-1) for browsers and OS versions:

 <b>IE Edge</b>	 <b>Firefox</b>	 <b>Chrome</b>	 <b>Safari</b>	 <b>iOS Safari</b>
R-1	R-1	R-1	R-1	R-1

# Animal Registration

## Animal Maintenance

Case: TOOW CS0043528  
UX Client

Work Item: 61350  
ERS:

### LEADING ZEROS DISC NUMBER

The Disc Number field now allows leading zeros to be entered.

## ePathway Disc Allocation

Case: COGC CS1159280  
UX Client

Work Item: 67215  
ERS:

### NAVIGATION

Double-clicking on an animal record within the data-grid will now load the Animal Summary.

## Animal Maintenance

Case: COGC CS1203793  
UX Client

Work Item: 67440  
ERS:

### INACTIVE QUESTION VALUES

Inactive Question Values will not display, unless they are the Answer to the existing viewed Question.

# Applications

## Application Parameters

Case: SYDN CS0056897, SYDN CS0407126      Work Item: 54096  
UX Client      ERS:

NSW BUILDING PROFESSIONALS BOARD EXTRACT PARAMETER SEARCH PROFILE

The Applications >> Application Parameters >> NSW Building Professionals Board Extract option and associated functions are now available for use.

## Application Parameters

Case: TOOW CS0038027      Work Item: 61123  
UX Client      ERS:

DECISION TYPE SEARCH PROFILE

Applications >> Application Parameters >> Decision Type menu options have been updated to use Pathway UX user interface standards.

## Application Parameters

Case:      Work Item: 62401  
UX Client      ERS:

ASSIGN NAME ROLE MAINTENANCE

Applications >> Application Parameters >> Name Role menu options have been updated to use Pathway UX user interface standards.

## Application Maintenance

Case: STHL CS1015413      Work Item: 64206  
UX Client      ERS:

NEW APPLICATION FEE MAINTENANCE  
NEW CONTRIBUTION PLAN FEE MAINTENANCE

It is now possible to filter Application/Contribution Fees by Fee Type.

## Application Maintenance

Case: BALL CS0314441      Work Item: 64417  
UX Client      ERS:

COMBINED NAME AND REFERENCE SEARCH PROFILE (APPLICATION SEARCH)

Previously, searching for Applications via Combined Names and References menu option was incorrectly setting the mode to enquiry.

## Application Maintenance

Case: MARO CS0413169, BEND CS1209267      Work Item: 64921  
UX Client      ERS:

### DECISIONS MAINTENANCE

Previously, when the Under Appeal field was changed for an existing Decision, the Licence Status was not automatically changed to the Status as set in the Decision Parameter.

## Application Maintenance

Case: STHL CS0648247      Work Item: 65627  
UX Client      ERS:

### APPLICATION SEARCH PROFILE

Previously, when a Profile was applied, the Display Order By and Sequenced By fields displayed the default values from the Application System Parameter instead of the values from the profile.

## Full Return

Case: WODO CS0772224, SALS CS0986646      Work Item: 66102  
UX Client      ERS:

### PPARS EXTRACT CONTROL - FULL RETURN PPARS EXTRACT CONTROL - CORRECTIONS RETURN

When a saved Profile is updated, the data for the following swap-lists will now be saved correctly in the Profile:

- Further Information Tasks
- Public Notice Merge Types
- Referral Tasks
- Application Fees.

Also, assigned items in the swap-lists are now read-only and the PPARS Extract Control - Full Return and Corrections Return have been updated to use the page's full width improving the layout of the swap-lists.

**NOTE:** Check existing Profiles to ensure the correct data is appearing in the Profile when loaded.

## Deletions Return

Case: KSTN CS0823968, MERR CS0829845      Work Item: 66289  
UX Client      ERS:

### PPARS EXTRACT CONTROL - DELETIONS RETURN

Previously, when a Profile was retrieved, the fields in the Application Number Details data-grid were not populating correctly and the data submitted for the report was incorrect.

Also, the PPARS Extract Control - Deletions Return has been updated to use the page's full width improving the layout of the data-grid.

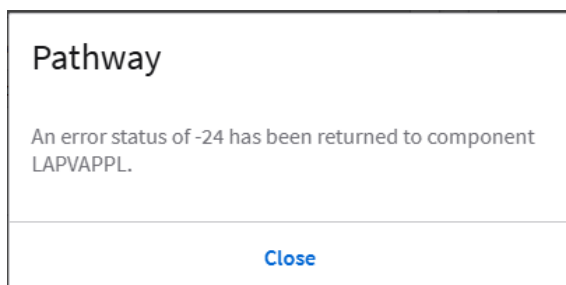
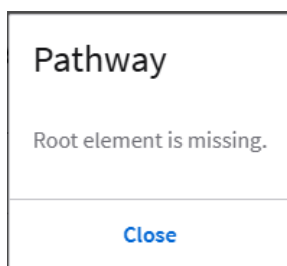
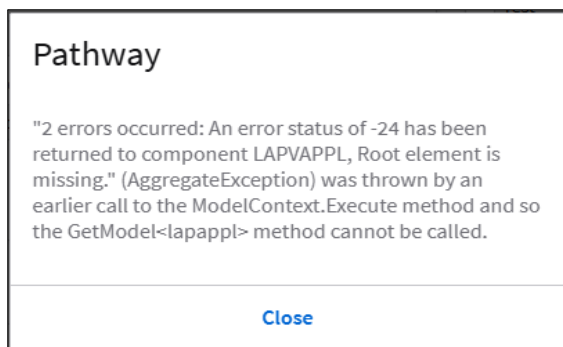
## Application Maintenance

Case: CAMP CS1015356  
UX Client

Work Item: 66691  
ERS:

### APPLICATION SUMMARY

Previously, accessing a property from an application and then accessing one of the applications linked to the property would result in the wrong class being used. When accessing application details from either the summary form options or directly from the summary form, the form may have displayed and allowed parameters from a different class to be selected, or the form may have failed to open with the following errors being displayed:



## Application Maintenance

Case: SYDN CS1057332, IPSW CS1073107  
UX Client

Work Item: 66790  
ERS:

### APPLICATION FEE MAINTENANCE

When the Invoice Print or Lodgement Fees option is selected any changes to the fees will be saved before the option is executed, including during when used via workflow.

## Application Maintenance

Case: COGC CS1065613  
UX Client

Work Item: 67069  
ERS:

### DOCUMENT REQUEST MAINTENANCE

Extract list processing for the DEVCQUES (Development Category Questions) list has been corrected so that empty answers are considered non-answers when handling the Include Unanswered Questions filter option.

## Application Maintenance

Case: KNOX CS1073288  
UX Client

Work Item: 67095  
ERS:

### PROPERTY ADDRESS SEARCH PROFILE (APPLICATION SEARCH)

Application details will now appear in Analyse Results when searching by Property Name. The fields displayed have also been updated to be consistent with other similar searches.

## Application Parameters

Case:  
UX Client

Work Item: 67226  
ERS:

### COMPONENT MAINTENANCE

Applications >> Application Parameters >> Component menu options have been updated to use Pathway UX user interface standards.

## Application Maintenance

Case: COGC CS1178469  
UX Client

Work Item: 67239  
ERS:

### PARCEL NAVIGATION

The navigation to form options via the Parcel and back will load the Parcel form correctly.

## Application Maintenance

Case: STHL CS1248522  
UX Client

Work Item: 67372  
ERS:

### LOCATIONS MAINTENANCE

Location Maintenance will set the first location record as Primary if none has been set. This now requires the user to save the form before leaving if a primary location was not previously set.

The following Script can be used to create a Query for a dashboard chart to identify records that do not have a Primary Property:

1. Create a LAPAPPL Query with a Group by of LAPCLASS - CLASS

2. Save
3. Click on Advanced and override with the following SQL:

```
insert into CQYSLCT select distinct {{Query_Result_TPK}},
replace(replace(isnull(rtrim(LAPCLAS.CLASS), ''), '%', '%25'), ';', '%3b') + ';', LAPAPPL.TPKLAPAPPL
from LAPAPPL, LAPCLAS, LAPAPNO, LAPATYPE
where (LAPAPNO.TFKLAPAPPL = LAPAPPL.TPKLAPAPPL and LAPAPNO.TFKLAPATYPE =
LAPATYPE.TPKLAPATYPE and LAPCLAS.TPKLAPCLAS = LAPATYPE.TFKLAPCLAS)
and tflapappl IN (select tflapappl FROM lparole WHERE fklparolta = 'LAP' and fklparoltn = 1)
and tflapappl NOT IN (select tflapappl FROM lparole WHERE fklparolta = 'LAP' and fklparoltn = 1 and
primarypp = 1)
and LAPCLAS.classtype = 'A'
```

## Application Maintenance

Case: COGC CS1203793  
UX Client

Work Item: 67441  
ERS:

### INACTIVE QUESTION VALUES

Inactive Question Values will not display, unless they are the Answer to the existing viewed Question.

# Bookings Management

## Booking Maintenance

Case: IPSW CS1073137, HILLS CS1118042  
UX Client

Work Item: 67036  
ERS:

### BOOKING MAINTENANCE

Corrections have been made to the conflict checking that occurs in Booking Maintenance. Previously, the following problems occurred:

- During the entry of a new (not yet saved) Booking a conflict between the entered Booking Lines on that new Booking could have been missed.
- During the maintenance of an existing (previously saved) Booking a conflict message between the Booking Lines on that Booking could have been displayed multiple times.

# Core Integration

## Address Maintenance

Case: UX Client Work Item: 67350 ERS:

### ADDRESS MAINTENANCE - EXPERIAN ADDRESS VALIDATION

Using a single Address Template to fit multiple types of mailing addresses in the Name and Address module caused some problems when Experian Address Validation (DPIDEX) integration validated certain addresses.

In addition, when the DPIDEX product parameters had Abbreviate Level Type and Abbreviate Unit Type switched off the Unit and Level components in address prefixes were still being abbreviated.

## EDMS Files

Case: COGC CS1060897 Work Item: 67192 ERS: UX Client

### OPENING READ-ONLY EDMS FILES

EDMS document may have failed to load if Pathway determined it should be viewed in a read-only state. This may have been caused in a number of situations.

## External Data Validation

Case: UX Client Work Item: 57200 ERS: 79348

\*\*\* Authorised Function \*\*\*

**NOTE: Changes have been developed for the Pathway UX client only.**

Two new Authorised Functions have been added to enhance Pathway UX validation capabilities:

- E-mail Address Validation: It is now possible to configure External Data Validation (EDV) Products with Product Validation Usage of E-mail Address and associate this product to any communication type.
- Mobile Phone Validation: It is now possible to configure External Data Validation (EDV) Products with Product Validation Usage of Mobile Phone and associate this product to any communication type.

Authorised Function (2 results)					
Application	Description	Expiry Date	Access Code	Active	Status
[A] CIF	[A] Validation	=> d/MM/yyyy	[A] p	<input type="checkbox"/>	
CIF	E-mail Address Validation			<input checked="" type="checkbox"/>	Authorised
CIF	Mobile Phone Validation			<input checked="" type="checkbox"/>	Authorised

Image 1 Authorised Functions

The configuration elements required are outlined below:

- System Administration >> Integration >> System Parameter Maintenance

- Name and Address Register >> Name and Address Parameters >> External Data Validation Product **OR**  
System Administration >> Integration >> External Data Validation >> External Data Validation Product
- Name and Address Register >> Name and Address Parameters >> Communication Type Parameters.

### Integration's System Parameter Maintenance

Via menu System Administration >> Integration >> System Parameter Maintenance.

Use the new Use Communication Details External Data Validation switch to enable / disable the external validation of the communication details if required. This setting is disabled by default when the Authorised Function is first enabled, Image 2.

Image 2 System Parameter Maintenance

### External Data Validation Product Search Profile

Use External Data Validation Product Search Profile to search for the configured external data validation products and open maintenance.

You can search by: Name, Code, Description, Active, Auto Validation on Save, Validation Usage and the API Endpoint.

Two Validation Usage options are available:

- E-mail Address Validation
- Mobile Phone Validation.

This can be accessed via two menu options:

- System Administration >> Integration >> External Data Validation >> External Data Validation Product
- Name and Address Register >> Name and Address Parameters >> External Data Validation Product.

The screenshot shows a web form titled "External Data Validation Product Search Profile". At the top, there is a navigation bar with a search icon, "Search", "Clear", "New", and a menu icon. Below the navigation bar, the breadcrumb "Homepage / External Data Validation Product Search Profile" is visible. The main form area contains several input fields: "Product Code" and "Product Name" (text boxes), "Description" (a larger text area), "Active" (a dropdown menu currently set to "(All)"), "Auto Validation on Save" (a dropdown menu currently set to "(All)"), "Validation Usage" (a dropdown menu currently set to "(none)"), and "API Endpoint" (a text box with search, forward, and refresh icons). The form is styled with a clean, modern interface.

Image 3 External Data Validation Product Search Profile

This image is a close-up of the "Validation Usage" dropdown menu. The dropdown is open, showing three options: "(none)" (which is currently selected and highlighted in blue), "E-mail Address Validation", and "Mobile Phone Validation". The dropdown has a standard arrow icon on the right side.

Image 4 Validation Usage allowed values

**External Data Validation Product Maintenance**

Use External Data Validation Product Maintenance to add, update, or delete external data validation products. Field information:

Field Description	Information
Product Code	Mandatory and unique.
Product Name	User defined and 25 characters long.
Description	User defined and 50 characters long.
Active	Default value is False.
Auto Validation on Save	Default value is True.
Validation Usage	Allowed values: E-mail Address Validation and Mobile Phone Validation.
Validation Client	Read only and allowed values: <ul style="list-style-type: none"> <li>Experian E-mail Address Validation – Point to point integration client, only available for E-mail Address Validation usage.</li> <li>Experian Phone Number Validation – Point to point integration client, only available for Mobile Phone Validation usage.</li> </ul>
API Endpoint	Is a lookup field and mandatory.
API Endpoint Image	System provided

Field Description	Information
External Data Validation Product Configuration	List of Key and Value pairs that can be supplied as additional parameters. Currently only the parameters below are used with the Experian Phone Number Validation Client: <ul style="list-style-type: none"> <li>• DEFAULTCOUNTRYISOCODE, Parameter key used to pass 3-letter ISO country code that will be used in validation if the phone number that is subject to validation doesn't contain a phone country code. The default value is (AUS).</li> <li>• DEFAULTOUTPUTFORMAT, Parameter key for the desired format of the phone number: E164, PLUS_E164, NATIONAL, any 3-letter ISO country code. The default value of this setting is (PLUS_E164).</li> </ul>

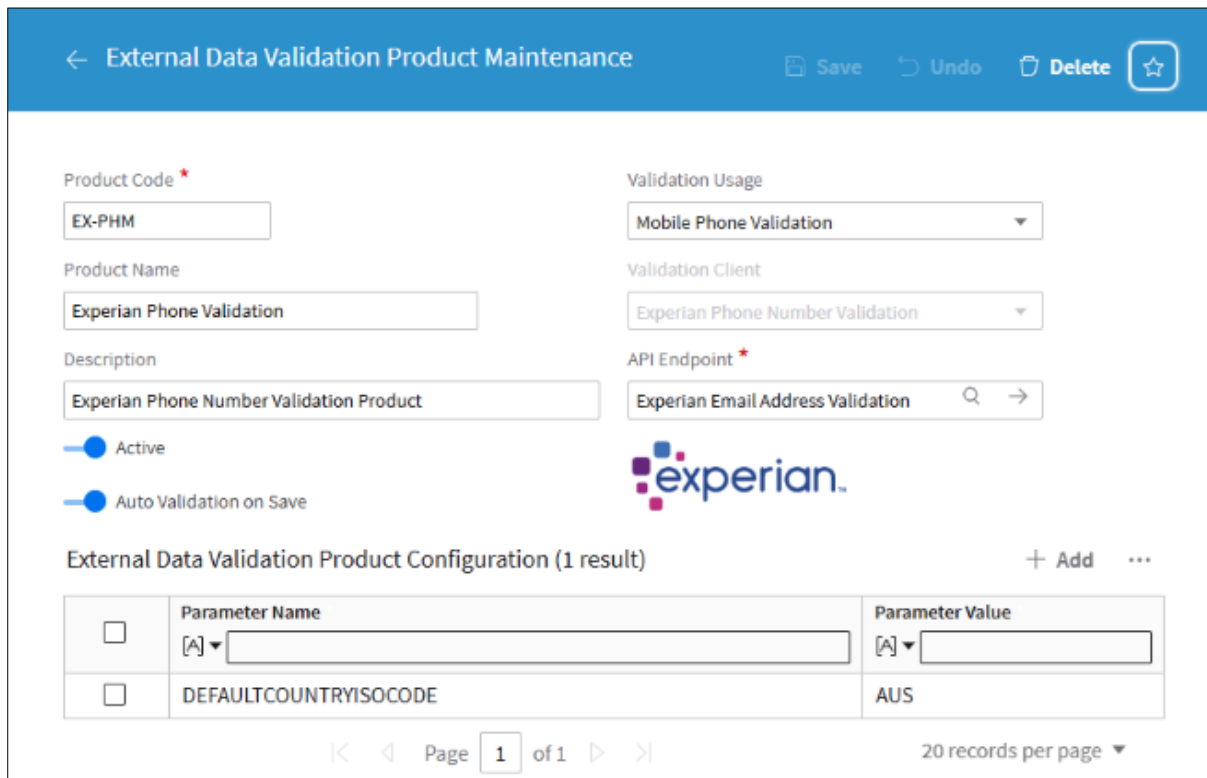


Image 5 External Data Validation Product Maintenance

**EXPERIAN VALIDATION APIS SETUP**

**API Endpoint Maintenance**

Via menu System Administration >> Integration >> API Endpoints >> API Endpoint Maintenance.

Configure new API Endpoint to be used to access Experian APIs as follows:  
 Endpoint Name (Example): Experian E-mail Address and Phone Number Validation  
 Description (Example): Used for the External Data Validation (EDV) with Experian APIs  
 Icon: Experian.

Endpoint URL: <https://api.experianaperture.io>  
 Pathway will automatically select the API based on the Validation Usage and Validation Client configured in the External Data Validation Product.  
 If you require to setup a separate endpoint per API, you can use the Endpoint URLs below:  
 For Experian Email Validation v2 API: <https://api.experianaperture.io/email/validate/v2>  
 For Experian Phone Validation v2 API: <https://api.experianaperture.io/phone/validate/v2>

Configure the Authentication Type and Request Headers as provided by Experian, for example:  
 Authentication Type: API Key

Request Headers: Configure the Auth-Token provided by Experian.

The screenshot shows the 'API Endpoint Maintenance' configuration page. The 'Endpoint Name' is 'Experian Email Address and Phone Number Validation'. The 'Description' is 'Used for the External Data Validation (EDV) with Experian APIs'. The 'Endpoint URL' is 'https://api.experianaperture.io'. The 'Authentication Type' is set to 'API Key'. Under 'Request Header (1 result)', there is one header named 'Auth-Token'.

Header Name	Header Value
Auth-Token	[REDACTED]

Image 6 API Endpoint Maintenance

**NOTE: This function will be available only to sites who have the required authority. Contact your Account Manager if your site requires this function.**

## Dynamic Workflow Builder

Case:  
UX Client

Work Item: 66808  
ERS:

\*\*\* Authorised Function \*\*\*

**NOTE: Changes to the user interface have been developed for the Pathway UX client only.**

A new Authorised Function called Dynamic Workflow Builder has been provided for additional integration features in multiple modules of Pathway. The Dynamic Workflow Builder can be used to automatically provision applicable Workflow Tasks and/or Workflow Procedures using rules defined over data sourced from systems external to Pathway. This might be a GIS that has a suitable REST/JSON API. The source of the data is not limited to a single external system; but can be multiple external systems if required.

When used in conjunction with the new Application Baseline Capture Authorised Function, features in the Applications module allow the capture of Affections and Application Conditions via the Pathway Workflow Task onto an application sourced from systems external to Pathway. It can also be used to automatically provision applicable Workflow Tasks and/or Workflow Procedures to guide assessment of an application by the assessing officer.

### DYNAMIC WORKFLOW BUILDER

The Dynamic Workflow Builder has a new Workflow System Action called EXTRULES - External Rules and is available for use in the following Pathway modules:

- ABK - Bookings Management
- ACR - Customer Service
- LAP - Applications
- LLC – Licensing.

It is not supported in the LPA - Property Administration or LAN - Animals modules because of the way those two modules use Workflow that does not cater for the dynamic addition of Workflow Tasks and Procedures.

These notes do not show how to define Workflow in all the Pathway modules that support Workflow. They show some examples of how to define an EXTRULES User Action that can be used in a Workflow Task and how to define the underlying API Flow that powers it.

### Customer Service Example

To define an EXTRULES Workflow User Action in the Customer Service module go to the Customer Service >> Parameters >> Work Flow Parameter Interface and choose User Action Maintenance and create a new User Action. Clicking on the Action Parameters button shows the configuration for this action, Image 1.

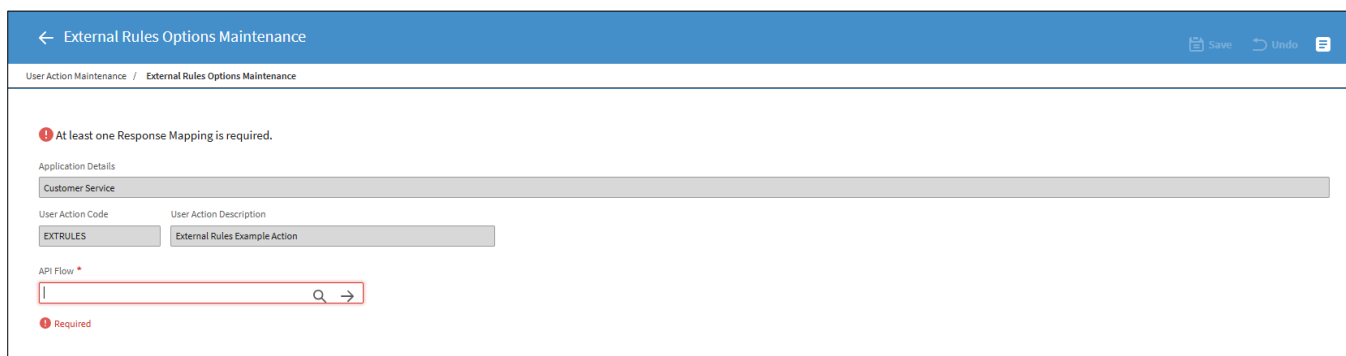


Image 1

An API Flow must be selected. The API Flow is the definition of how the Dynamic Workflow Builder will make calls to one or more external system REST/JSON APIs to obtain data to match against. Further details of how to define an API Flow can be found later in these notes. For this example the Customer Service API Flow has been selected, Image 2.

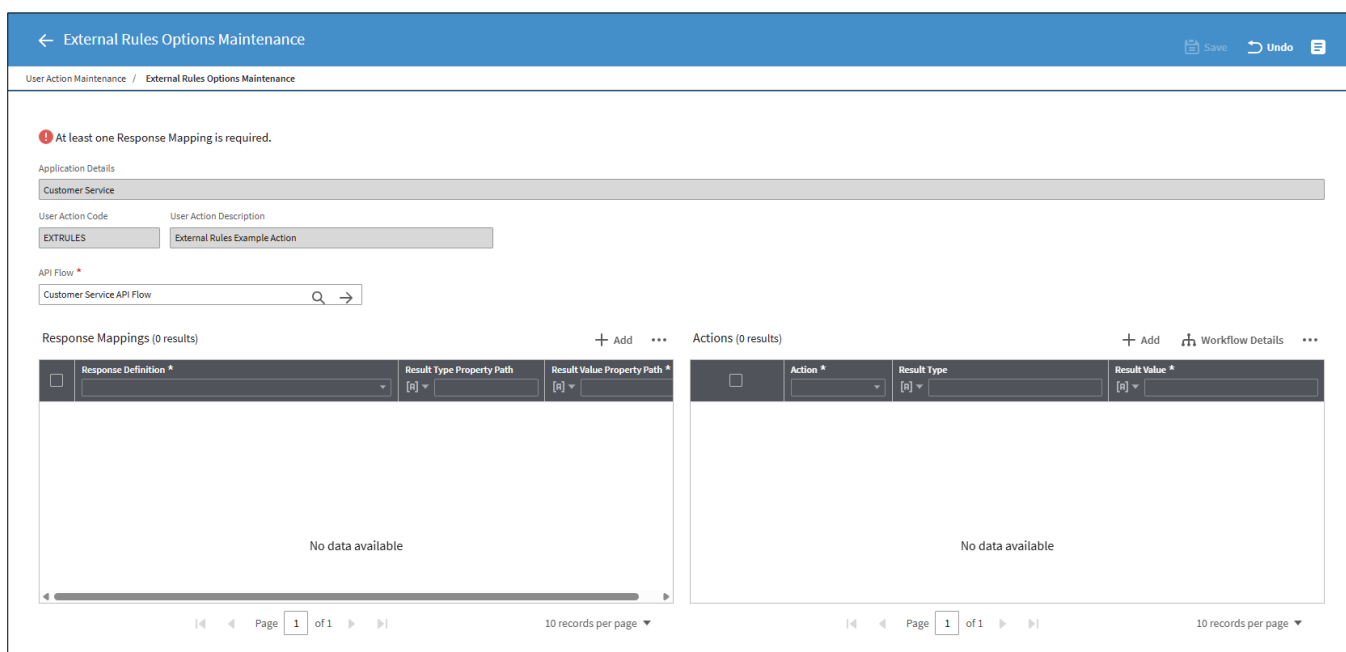


Image 2

The next thing to define is a Response Mapping. There can be more than one if the API Flow definition returns multiple responses. The Response Definition field provides a choice from the defined responses from the selected API Flow, Image3.

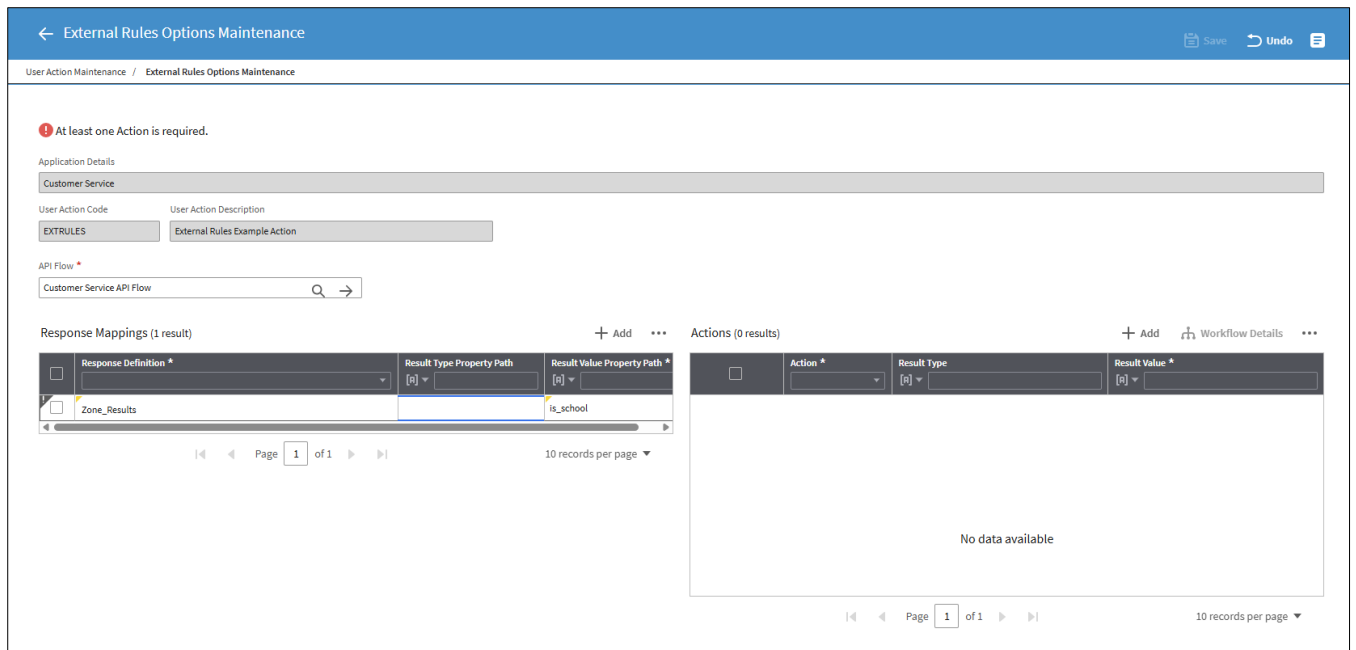


Image 3

The Result Value Path is the name of the data element within the response. Depending on the external API there may also be a Result Type that can also be matched against which is a separate data element to the Result Value. In this Customer Service example we are going to add some Actions that match just the Result Value, Image 4.

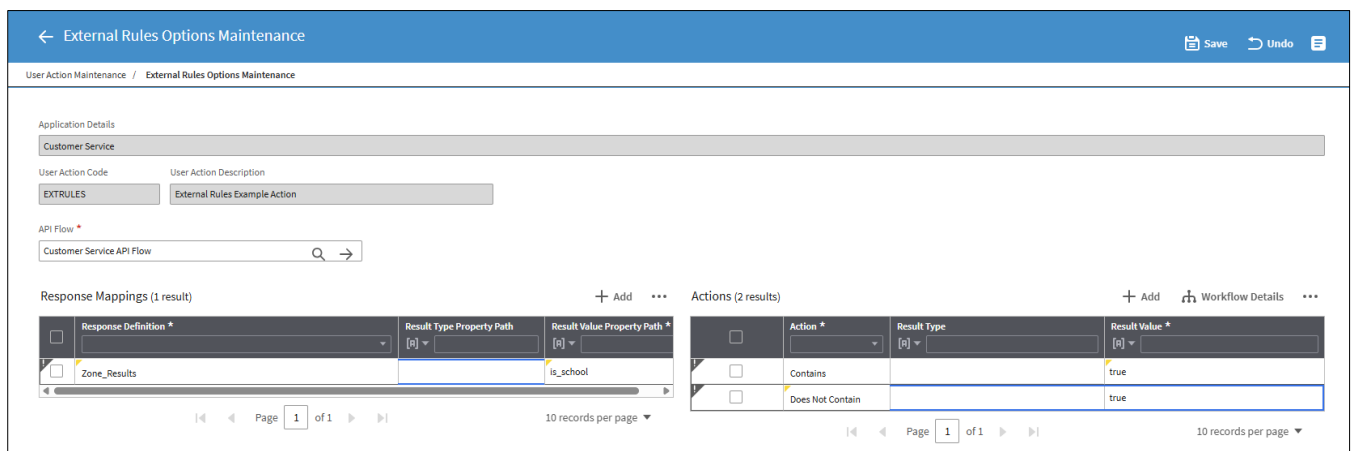


Image 4

The Action field provides a choice of Contains or Does Not Contain to define how to match against the data from the external system. The results from the external system can contain multiple items. Choosing Contains as the Action means when any of the returned items has a Result Value of true this is considered a match. When the Action is Does Not Contain it means when none of the returned items has a Result Value of true this is considered a match.

The values returned by each external system are obviously going to be different the Actions defined need to correspond to the data that will be returned by each one.

For each Action the Workflow Details button allows one or more Workflow Procedures and/or Workflow Tasks to add the Customer Service Request when there is a match for the Action, Image 5.

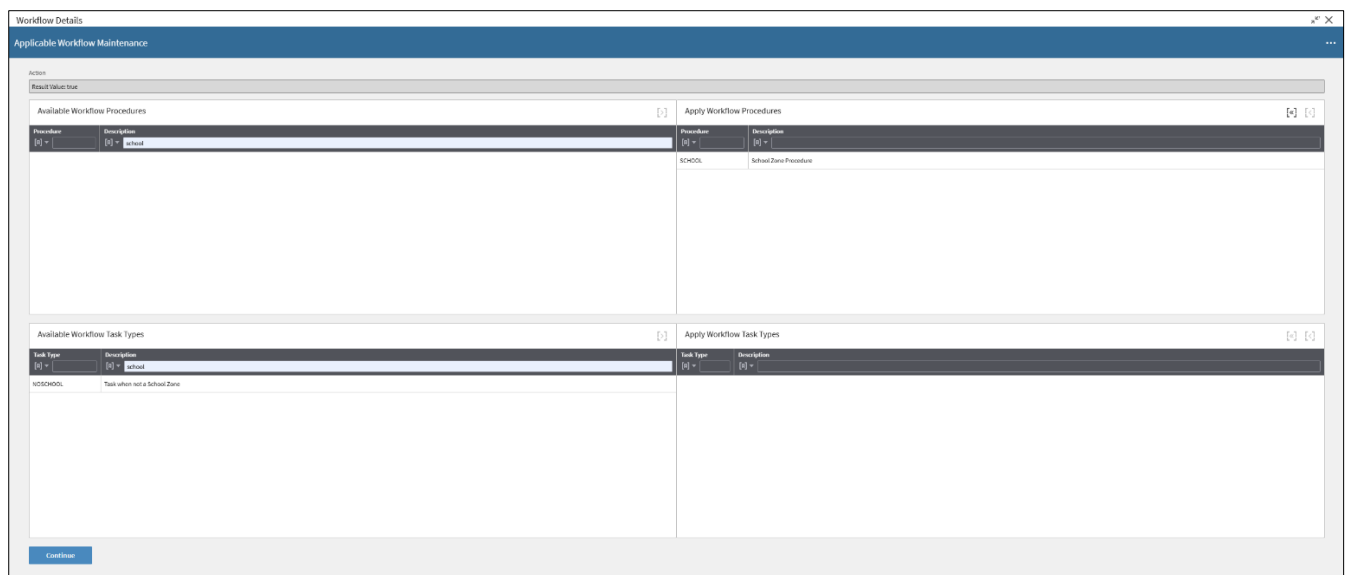


Image 5

When the Workflow action is executed, Pathway uses the API Flow to obtain the results from the external system(s) and when these results match a defined Action the Workflow Procedure(s) and/or Workflow Task(s) nominated for that Action are added to the Customer Service Request. As mentioned above this can be used in other Pathway modules.

## API FLOW

A critical part of Dynamic Workflow Builder is the definition of the API Flow that Pathway will use to make calls to one or more external system REST/JSON APIs to obtain data. Each API Flow can be a sequential call to multiple operations with the results of an operation able to be used as input to subsequent operation(s) as required by the external API to achieve the required result. Operations are not limited to a single external API, the results can be combined from multiple external systems within the one API Flow if it makes sense to do so.

All API Flows can be viewed and defined with the new System Administration >> Integration >> API Endpoints >> API Flow Maintenance menu option. Currently API Flows are only used by the EXTRULES Workflow System Action but have potential for use in other areas of Pathway with additional development.

When API Flows are viewed via this menu option, they have no context which means some of the editing features available for API Flows are not available. When an API Flow is maintained via an EXTRULES Workflow User Action the context is known so additional features become available. These features are the ability to test each operation in the flow to view and check live results returned by the external system API and also all available substitution tokens for the context are known and are made available on certain fields in the definition to assist setup.

To make the task of defining the API Flow easier it is recommended to set up an API Flow definition via an EXTRULES Workflow User Action where the context is known rather than from the API Flow Maintenance menu option where the context is not known.

The external system API that will be called needs to return data in a form that the Dynamic Workflow Builder can use. One such API is the [ESRI ArcGIS REST API](#) for ArcGIS Server. The example setup below uses this API.

The expected end result that can be used by the Dynamic Workflow Builder is a JSON array of JSON objects containing the data to be matched against. The JSON objects can contain nested JSON objects if the API returns them that way.

A JSON array of objects looks like this: `[ {}, {}, {} ]`

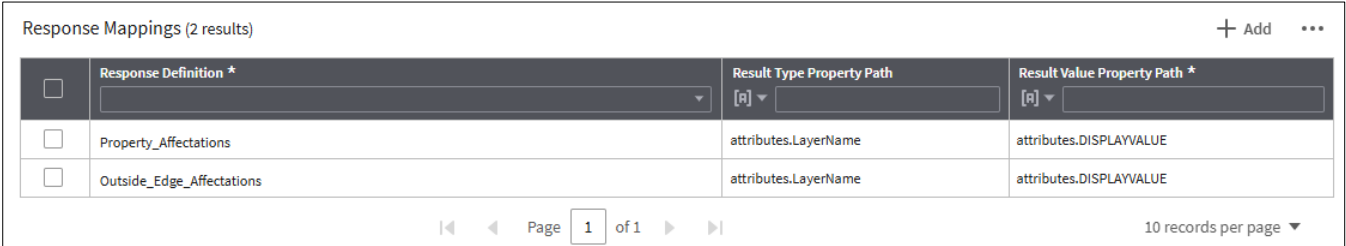
With each object surrounded by curly braces containing the named data values, for example:

```
{
  "layerId": 78,
  "attributes": {
    "OBJECTID": "7996",
    "LayerName": "Locality Areas",
    "DISPLAYVALUE": "Redfern Park South",
    "Shape": "Polygon"
  }
}
```

The Rules Engine can process multiple, separate sets of results if required. When there is multiple the merged set of results is used for matching rather than just a single set of results.

**NOTE:** Infor's ION API Gateway can potentially be used to transform results from an external API that is not in the required format into a form suitable for use by the Rules Engine. Transformation of external API results like this means an API may still be able to be used even when it does not natively return result data in the expected format.

In this example the Response Mappings are, Image 6.



The screenshot shows a table titled "Response Mappings (2 results)" with a "+ Add" button and a menu icon. The table has four columns: a checkbox, "Response Definition \*", "Result Type Property Path", and "Result Value Property Path \*". There are two rows of data. The first row has a checkbox, "Property\_Affectations", "attributes.LayerName", and "attributes.DISPLAYVALUE". The second row has a checkbox, "Outside\_Edge\_Affectations", "attributes.LayerName", and "attributes.DISPLAYVALUE". At the bottom of the table, there is a pagination control showing "Page 1 of 1" and "10 records per page".

<input type="checkbox"/>	Response Definition *	Result Type Property Path	Result Value Property Path *
<input type="checkbox"/>	Property_Affectations	attributes.LayerName	attributes.DISPLAYVALUE
<input type="checkbox"/>	Outside_Edge_Affectations	attributes.LayerName	attributes.DISPLAYVALUE

Image 6

You can see the property paths are multiple level using the dot notation to access the required values from the nested JSON object. To access a value on the containing object such as the layer id in the above example the property path is simply `layerId`.

## APPLICATION BASELINE CAPTURE

When authorised to use the separate Application Baseline Capture Authorised Function additional matching becomes available for the EXTRULES Workflow User Action in the Application module.

The following example assumes this authorisation is in place. When it is not authorised the Workflow Action functions the same way as the previous Customer Service example with the context of the action being the Application and the matching being limited to just the standard Actions.

The purpose of this example is to capture Application Affectations onto the Application and capture Application Conditions and to initiate the required Workflow based on the Affectations defined in the external ArcGIS Server map for the Property Location(s) on the Application. This achieves an automated way to initiate the correct Workflow an Application Assessing Officer needs to undertake to assess the Application that has been lodged. The Assessing Officer does not have to decide which workflow to use it is automatically applied based on the Affectation data stored in the GIS external to Pathway.

**NOTE:** It might be helpful for your understanding of this example to read the separate release notes for the Application Affectations Authorised Function first.

Use Applications >> Application Parameters choose Workflow and then User Action Maintenance to define the EXTRULES Workflow User Action for an Application Class.

The first thing to notice is that there is an additional field for Flow Context. Applications can be lodged for Property, Parcel and Street Locations. The Flow Context defaults to Application but can be changed to Property, Parcel or Street to define the context for the API Flow that will be used. The Rules Engine automatically determines the appropriate Location(s) and will execute the API Flow separately against each Location that is on the Application when requested to do so like this. For our example the data in the external GIS is against properties so we will choose Property as the Flow Context.

There is an additional switch called Capture Affectations which when switched on will match the results from the API Flow execution to Affectations defined with the Applications >> Parameters >> Affectations menu option and link them to the Application. An additional dropdown field called Affectation Capture Option will become available when Capture Affectations is switched on. This provides the ability to select Create or Refresh.

When Create is selected if any Affectations are already linked to the Application they remain in place and only Affectations not already linked will be added otherwise. If no Affectations are linked all matching Affectations will be added.

When Refresh is selected all Affectations already linked to the Application have the Active Link value set to false and the Active Link Date set to the current date/time. This results in only the new set of matching active Affectations being added to the Application.

There is also another switch called Capture Application Conditions which when switched on will match the results from the API Flow execution to Application Conditions via any matching Affectation that has an Affectation Type of Application Condition. This is additional to the Capture Affectations switch. i.e. the Affectation is still also linked to the Application.

For this to happen the Affectation must be defined as a Type of Application Condition. Any defined with a Type of Default are not considered for matching to Application Conditions, Image 7.

Affectation Name \* Type  
 Application Condition ▼  Active

Image 7

For a match to be found for an Application Condition the Condition Type description must also exactly match the Affectation Name, Image 8.

Condition Type Details  
 Condition Type \* Description \*

Image 8

An example Action that might be defined for matching in this example is shown in Image 9.

Actions (1 result) <span style="float: right;">+ Add <a href="#">Workflow Details</a> ...</span>			
<input type="checkbox"/>	Action *	Result Type	Result Value *
<input type="checkbox"/>	Contains	Locality Areas	Redfern Park South

Page 1 of 1

10 records per page ▼

Image 9

The Application Types swap-list contains Application Types defined for the Application Class in which this user action is being defined. The assigned Application Types will have a button available to

provide the ability to select one or more Workflow Procedures or one or more Workflow Tasks that always apply to an Application of the matching Application Type. Matching for these Application Types does not use the results of the API Flow execution these match purely on the Application Type of the Application, Image 10.

Assigned		Available	
Application Type	Description	Application Type	Description
AT3	Application Type 3	AT1	Application Type 1
AT4	Application Type 4	AT2	Application Type 2
CMAT	Client Application Type		

Image 10

Matching can also be done for specific Affectations, Image 11.

Affectations (2 results)		
	Action *	Affectation *
<input type="checkbox"/>	Contains	(i) The Domain Carpark
<input type="checkbox"/>	Does Not Contain	(ii) Bulky Goods Corridor

Page 1 of 1 | 10 records per page

Image 11

The Affectations to match are chosen from a Lookup.

In additional if in use, matching can also be done for specific Affectation Controls (a grouping mechanism for Affectations), Image 12.

Affectation Controls (2 results)		
	Action *	Affectation Control *
<input type="checkbox"/>	Does Not Contain	Soil
<input type="checkbox"/>	Contains	Soil

Page 1 of 1 | 10 records per page

Image 12

The Affectation Controls to match are chosen from a lookup.

For the user action to be considered valid there must be at least one record in the Actions data-grid or at least one Application Type assigned in the Application Type swap-list or at least one record in the Affectations data-grid or at least one record in the Affectation Controls data grid.

A full picture of the definition for this example is shown in Image 13.

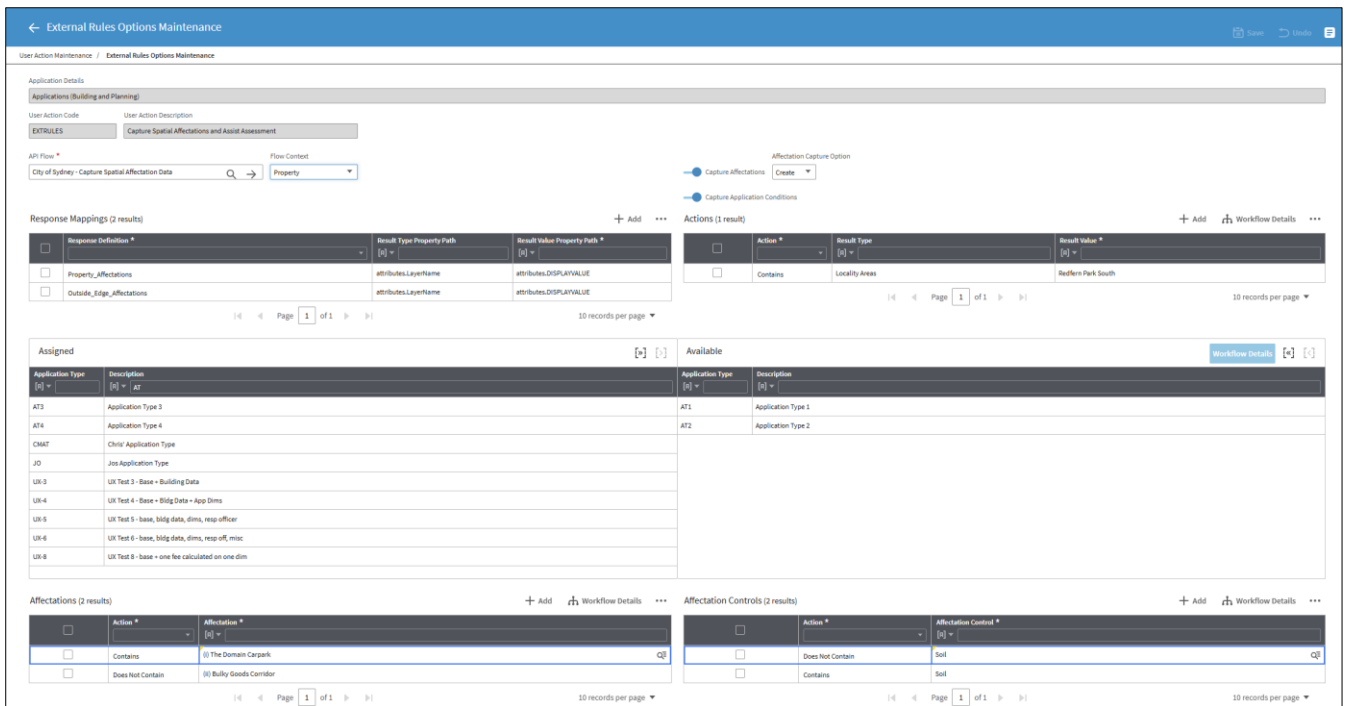


Image 13

### DEFINING THE API FLOW

Defining the API Flow is the most crucial part of this process. It has been left to last because it can be complex and require expertise with the external system API and some technical understanding of JSON data structures.

It is not possible to correctly define the Response Mapping until after the API Flow is fully defined. The results of an API Flow are the results defined for return from the last operation in the API Flow. Once defined, these are made available for selection as the Response Definition in the Response Mapping data-grid.

This sample API Flow will make a series of calls to the ESRI ArcGIS Server REST API to obtain the required results for a single Property. When there are multiple Property Locations on the Application the Rules Engine will execute the API Flow for each Property separately and merge the results. The example uses a City of Sydney map. Some details have been obscured to protect the privacy of the City of Sydney. Details that are visible are available publicly from ESRI so are not specific to City of Sydney.

When the API Flow is accessed via the Workflow User Action the context for it is known which is the recommended way to define the API Flow because additional assistance features become available when compared to defining them via the System Administration >> Integration >> API Endpoints >> API Flow Maintenance menu option where the context is not known.

In Image 14 the example shows the six operations to be executed to obtain the Affection data from the ArcGIS Server.

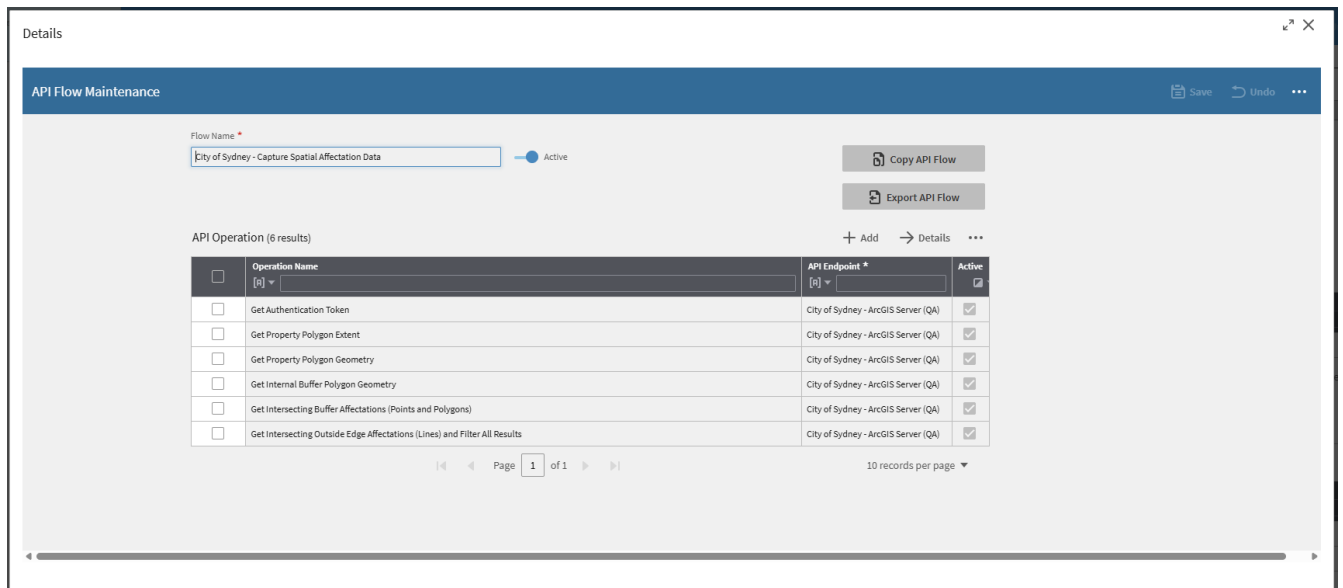


Image 14

Operations are called in order with the results from previous operations being made available to subsequent operations.

Operations can be re-sequenced within the flow if required or deleted from the flow at any time but take care when doing so because a subsequent operation may be relying on results from a previous operation. When these actions are taken Pathway displays a warning message advising to re-test the flow to ensure it still functions as expected.

In this example the ArcGIS Server REST API operations require an authentication token. This is the definition used to obtain this authentication token, Image 15.

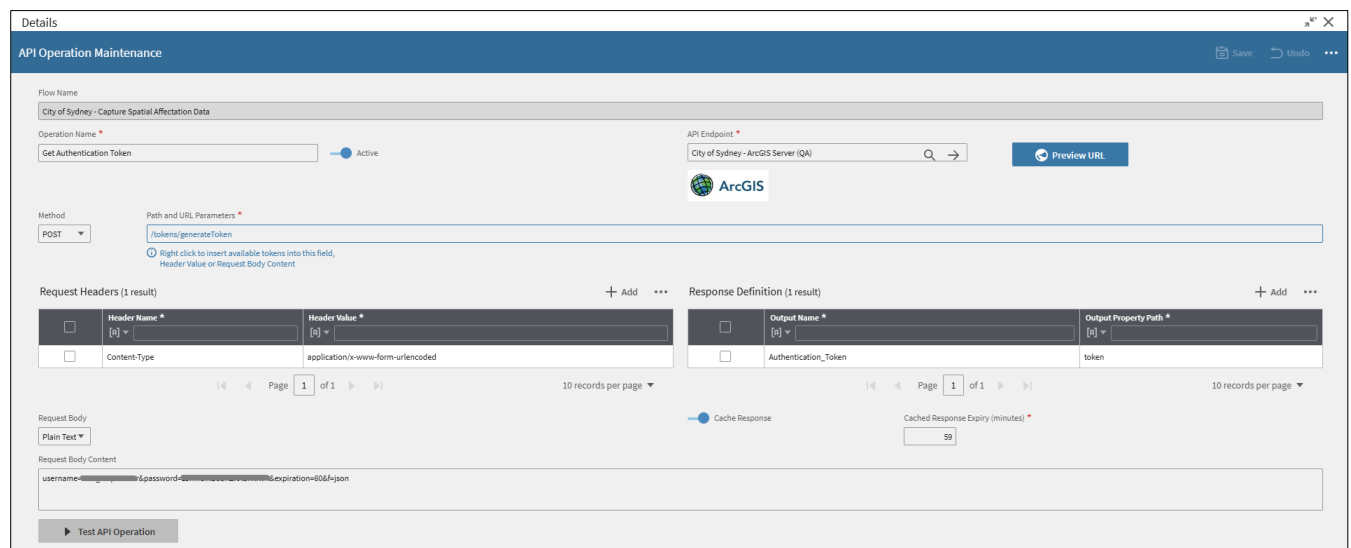


Image 15

This operation uses the POST method and requires selection/definition of an API Endpoint. This contains details of the base URL for the API. The details of that are not shown here.

The form has a Preview URL button. When activated this will combine the URL defined in the API Endpoint with the Path and URL Parameters to allow the combined URL that will be activated to be visibly checked to make sure the combined URL will be what is expected, Image 16.

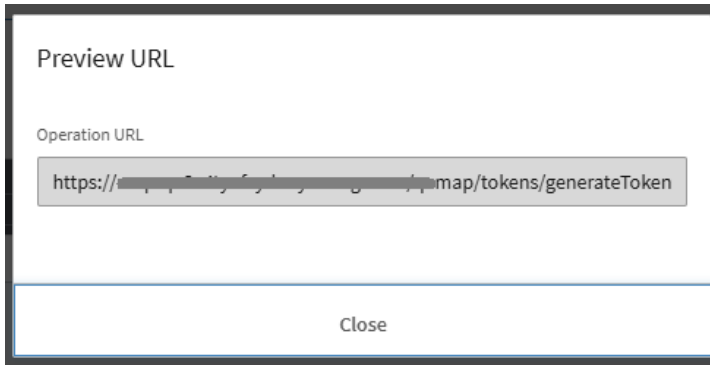


Image 16

Because this API Flow is being edited within the context of a Workflow User Action the Test API Operation is available. Activating it will execute this operation and display the results to make it easier to know what to put in the Response Definition data-grid. When there is one or more Response Definition defined the results will show both the raw response from the API and the response that is available to subsequent operations. When initially defining the operation, you may not know what the Response Definition needs to be so just the raw response from the API will be shown.

Activating the Test API Operation button will prompt for selection of a context item. In this example it will prompt for a Property to be selected because of the Flow Context defined for the Workflow User Action. The item that is prompted for will always match the known context for which the User Action will be executed, Image 17.

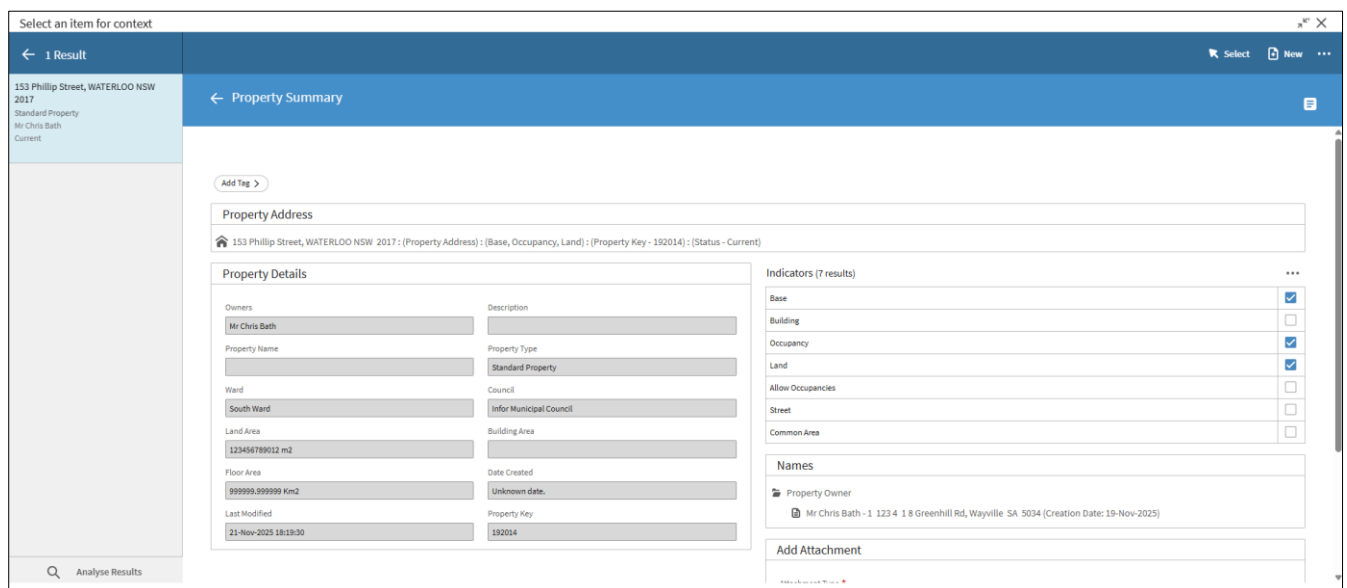


Image 17

Once the item is selected the operation is executed and the results are displayed, Image 18.



Image 18

For this particular operation the Authentication Token that is returned is the value required by subsequent operations so the Response Definition will be, Image 19.

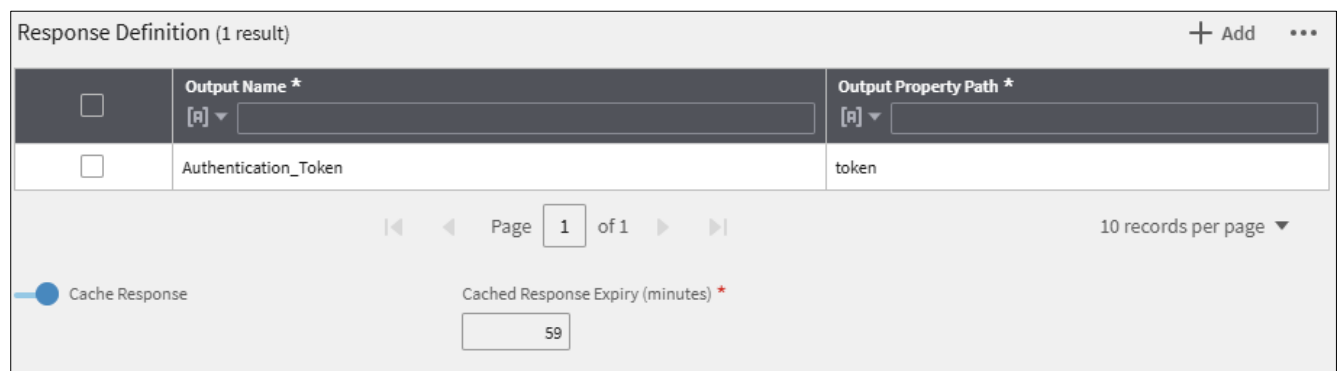


Image 19

where the Output Property Path matches the name of the data item in the returned JSON object that we saw in the raw test results that contains the authentication token. The Output Name can be anything you want to call it. Make it an intuitive name to describe the result because the name is used in subsequent operations as a substitution token.

This particular API result expires after a period of time. Pathway will cache this result if Cache Response is switched on. It will cache it for the nominated number of minutes. Make sure that is less than the expiry time. In this example the expiration parameter in the Request Body Content specifies that ArcGIS will expire the token after 60 minutes. Most operations in an API Flow will not cache their results.

When using the Test API Operation the operation is always re-executed even if Cache Response is nominated. The caching only comes into effect when executing the API Flow to obtain the complete results for use by the Workflow User Action.

Just in case it matters for an external authentication API like this the result is cached per Application Server because a different authentication token may be required for each Pathway Application Server.

One down and five to go! I will not go through all the remaining five just a few more, so you get the idea of what is required.

The second operation makes use of the Authentication Token to authenticate the required call to the ArcGIS query operation, Image 20.

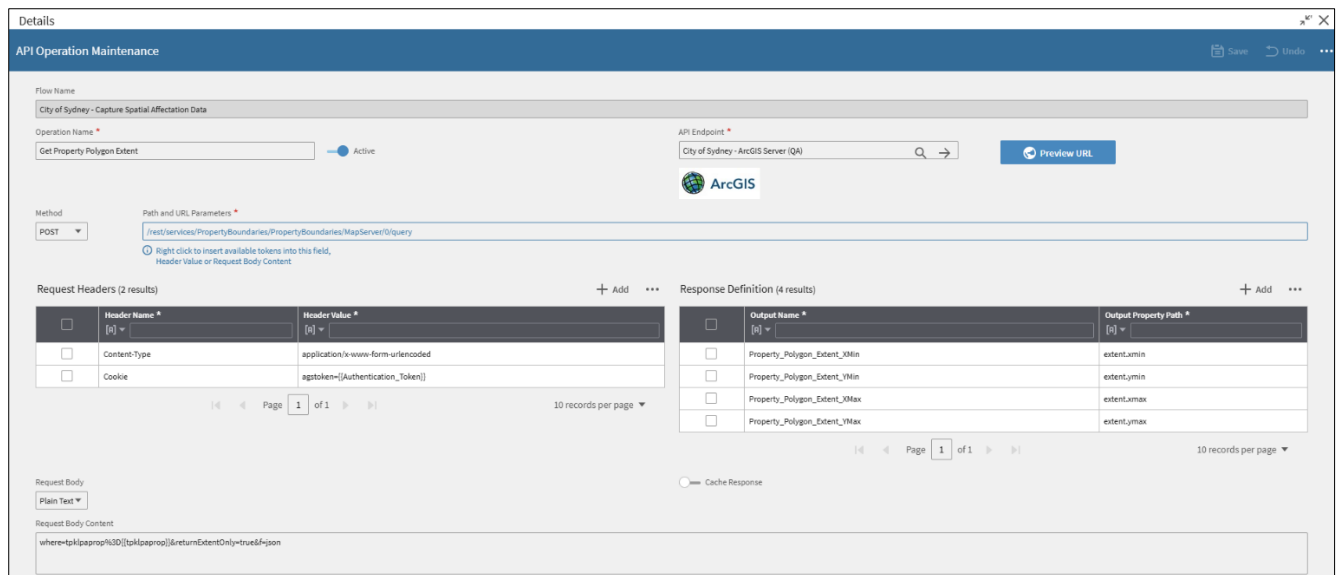


Image 20

You will see an information message on the Path and URL Parameters field that says: Right click to insert available tokens into this field, Header Value or Request Body Content.

If you do right click in any of those the field the available substitution tokens are displayed in a context menu and choosing one will insert it as a substitution token to be resolved when the operation is executed. The Workflow User Action determines the context and therefore the tokens that are available.

You can see substitution tokens have been used in the Cookie Request Header `{{Authentication_Token}}` which is the output from the previous operation and also the Request Body Content contains `{{tpkmapprop}}` which is available because the Workflow User Action defined the Flow Context as Property.

Test Results for this operation are shown in Image 21.



Image 21

The fourth operation requires output from a previous operation to be URL Encoded to be issued to the API, Image 22.

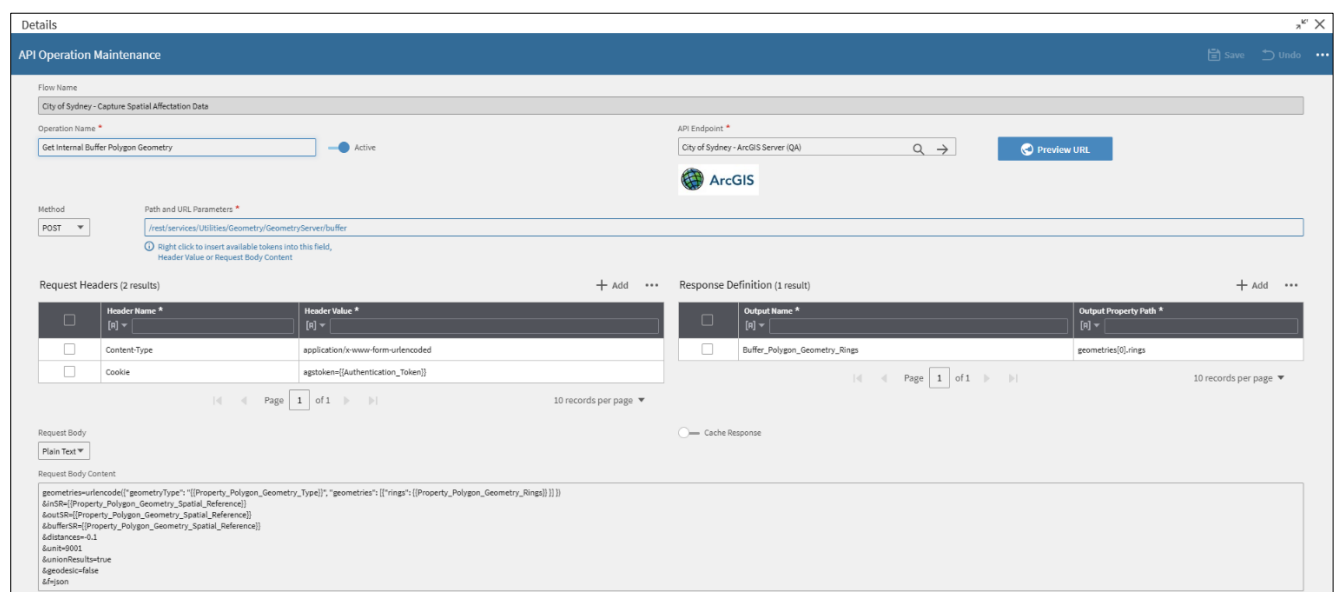


Image 22

The Request Body Content for this ArcGIS Server buffer API operation requires the geometries parameter to be URL Encoded which are obtained from substitution tokens for responses from previous operations:

```
geometries=encodeURIComponent({"geometryType": "{{Property_Polygon_Geometry_Type}}",
"geometries": [{"rings": [{"Property_Polygon_Geometry_Rings}]}]});
```

As you can see this is achieved by adding `encodeURIComponent()` around the data that needs to be encoded. There is also an equivalent `urldecode()` function available if it is ever required.

The results of this operation are also worth explaining because they require accessing data in the first item of the resulting JSON array that is returned by the API operation, Image 23.



Image 23

The Output Property Path required to get the data from the rings value of the first object in the JSON array response is: `geometries[0].rings`.

The last operation in the flow contains an example of returning results from a previous operation as well as the current operation as well as some filtering of the results before they are returned to the Workflow User Action for processing, Image 24.

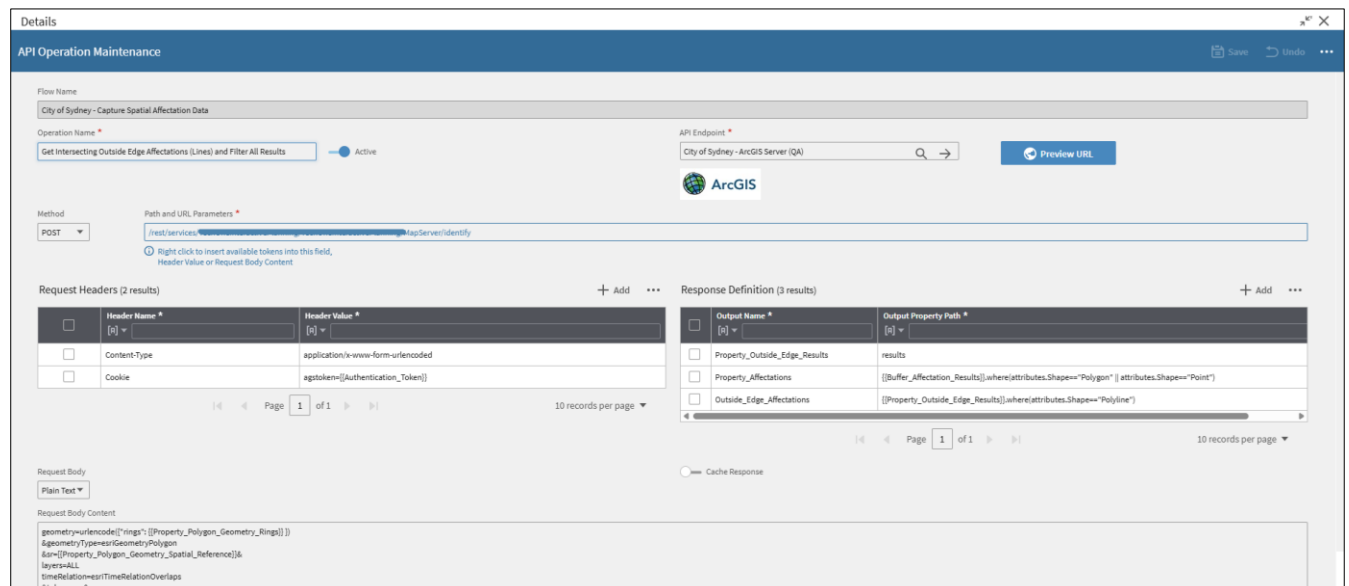


Image 24

Any operation result that is a JSON array can be filtered before being returned when the API returns more data than is required in the result to be used by the Workflow User Action.

In this example the `{{Property_Affections}}` needs to return only Polygon and Point features so the Output Property Path becomes:

```

{{Buffer_Affection_Results}}.where(attributes.Shape=="Polygon" ||
attributes.Shape=="Point")

```

The `{{Outside_Edge_Affectations}}` needs to return only Polyline features so the Output Property Path becomes:

```
{{Property_Outside_Edge_Results}}.where(attributes.Shape=="Polyline")
```



Image 25

It is not shown in this image but for this result image the `Outside_EdgeAffectations` is returned as an empty JSON array `[]` because there are no results for it.

The following filtering is available with the `.where()` construct:

- `&&` represents an AND condition
- `||` represents an OR condition
- `==` represents an EQUALS condition
- `!=` represents a NOT EQUAL condition
- `>=` represents a GREATER THAN OR EQUAL condition
- `>` represents a GREATER THAN condition
- `<=` represents a LESS THAN OR EQUAL condition
- `<` represents a LESS THAN condition.

As a final point the Request Body field in the API Operation Maintenance form can be one of the following values:

- (none)
- Plain Text
- JSON.

Specify (none) when there is no Request Body Content for the operation. Use Plain Text as in the examples above when the content is plain text and use JSON when the content is pure JSON data. When JSON is chosen the Request Body Content editor changes to validate the JSON data that is entered.

As you can see it can be complex to define the required API Flow to get the results you need, so for this reason there are two buttons visible at the top right of this form:

- Copy API Flow
- Export API Flow.

The Copy API Flow button will allow the current API Flow to be copied as a new API Flow which can then be used as a starting point for an additional API Flow. Pathway will prompt for the name of the new API Flow when this button is activated and use that as the name for the new copied API Flow.

The Copy API Flow button can only copy API Flows within the same Pathway environment.

The Export API Flow button will download the complete API Flow definition, including API Endpoint details, into an apiflow file. This file can then be distributed to others and be used to import this already defined API Flow and API Endpoint details into a separate Pathway environment. The API Endpoint details are only imported if they do not already exist in the destination environment. The feature might also be used by Infor to issue API Flows that have been defined by Pathway consultants when engaged by customers to do so.

To import an .apiflow file go to the System Administration >> Integration >> API Endpoints >> API Flow Maintenance menu option and use the Import button in the header of the API Flow Search Profile form and choose the required .apiflow file to be imported, Image 26.

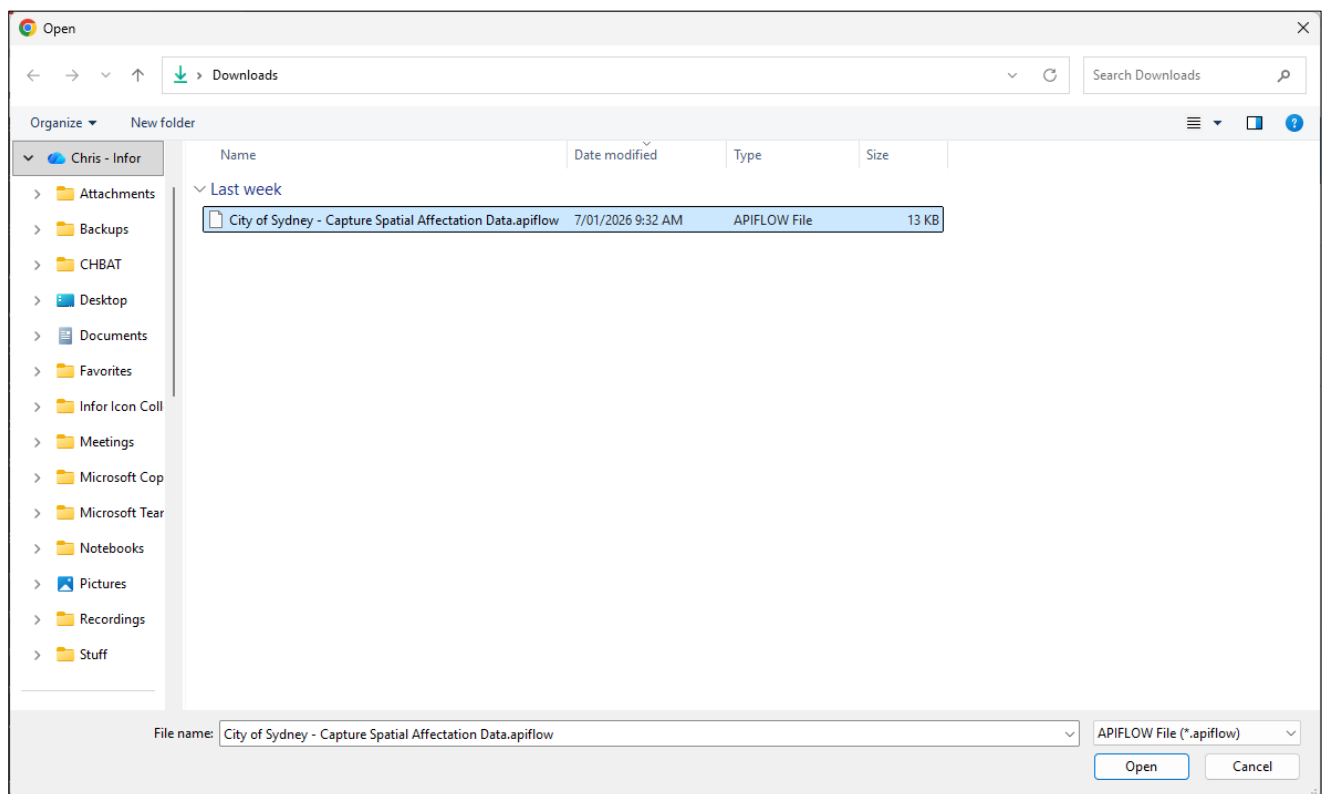


Image 26

When the import is successful Pathway will display a prompt advising the import has completed, Image 27.

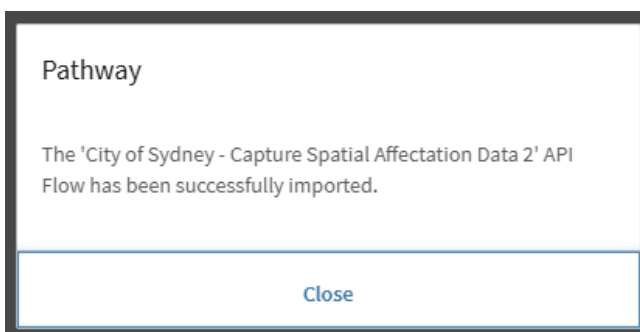


Image 27

**NOTE: This function will only be available to sites who have the required authority. Contact your Account Manager if your site requires this new functionality.**

## Application Baseline Capture (Affectations)

Case:  
UX Client

Work Item: 66808  
ERS: 79348

### \*\*\* Authorised Function \*\*\*

**NOTE: Changes have been developed for the Pathway UX client only.**

The new Application Baseline Capture Authorised Function has been provided for additional features in the Applications module. Application Baseline Capture, also known as Affectations, can be used on its own and also extended further with the use of the new Dynamic Workflow Builder Authorised Function.

The Dynamic Workflow Builder enables the capture of Affectations and Application Conditions via a Workflow Task onto an application sourced from systems external to Pathway. This might be a GIS that has a suitable REST/JSON API. The source of the data is not limited to a single external system; the source can be multiple external systems if required. The Rules Engine can also be used to automatically provision applicable Workflow Tasks and/or Workflow Procedures to guide the assessment of an application by the assessing officer.

### APPLICATION BASELINE CAPTURE

An Affectation is any kind of information attribute that is applicable to an application that can assist with making decisions about the application or be recorded for future reference. Affectation details can also be included into generated Word Processing documents.

Affectations are similar to Application Conditions but with a more general scope and purpose. The term Affectation is the default name to describe the attributes but within each Application Class the term Affectation can be renamed to something different, as per other parameters.

### Affectation Parameters

The new menu option Applications >> Parameters >> Affectations >> Affectations provides the ability to define all the available Affectations. These definitions are independent of Application Class, which means they only need to be defined once to be available for use in all Application Classes, Images 1 and 2.

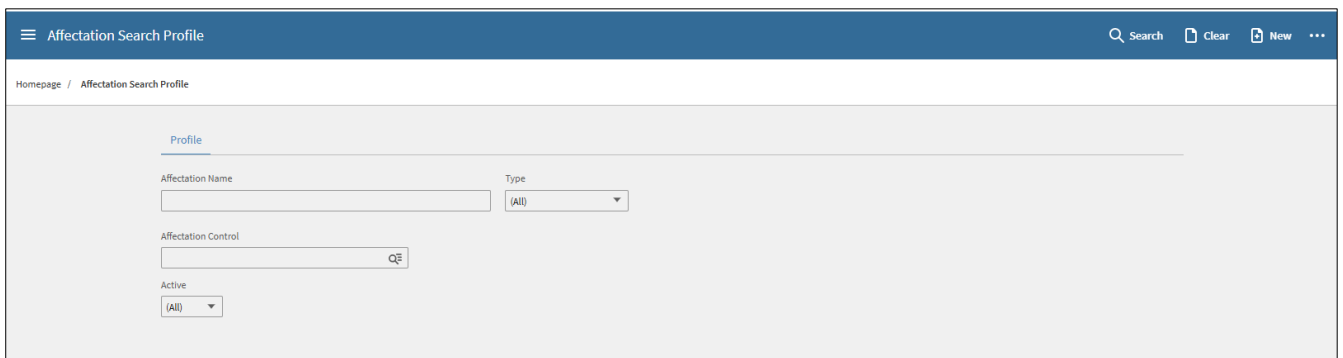


Image 1

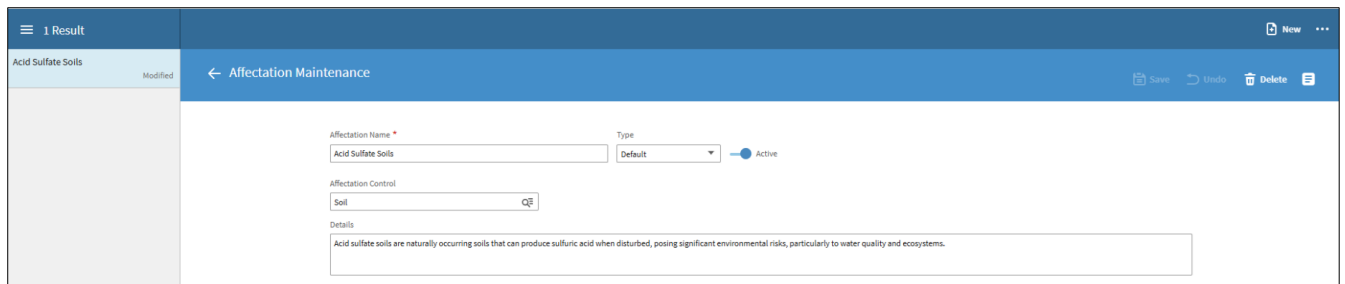


Image 2

Affections can be structured into Parent and Child Affections if required, by using Child Affections, Image 3.

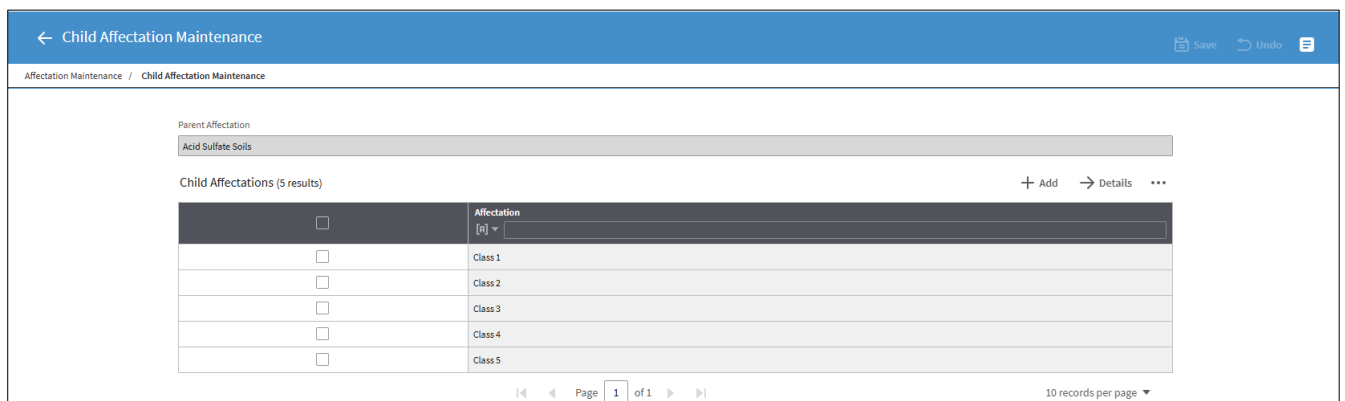


Image 3

Use of the new menu option Applications >> Parameters >> Affections >> Affection Controls is optional. Affection Controls can be used as an additional grouping mechanism for Affections. Affection Controls are defined for the Applications module and are independent of Application Class, Image 4.

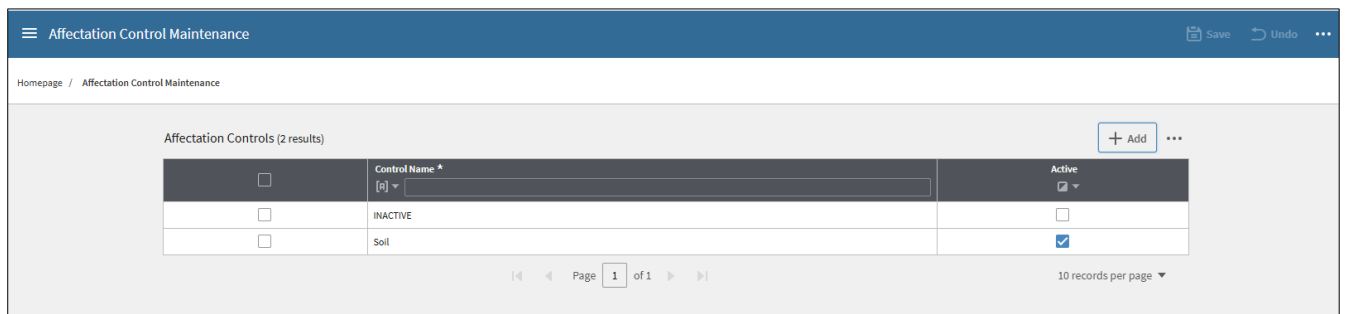


Image 4

**Responsibility User Security**

User security can be defined for Affections within each Application Class. Use the Applications >> Application Classes menu option for the required Application Class and define the required user security using Class Maintenance / Enquiry and Group Maintenance / Enquiry.

If the term Affection is to be renamed for the Application Class that is also done in Class Maintenance / Enquiry.

**Application Maintenance**

The Applications >> Application Maintenance menu provides a new Affection search field on the Application Search Profile to enable searching for applications via affections. Because Affections can be a parent/child structure, the selection of an Affection to search for is done via a separate Search Profile that has structured results rather than a standard unstructured lookup control, Image 5.

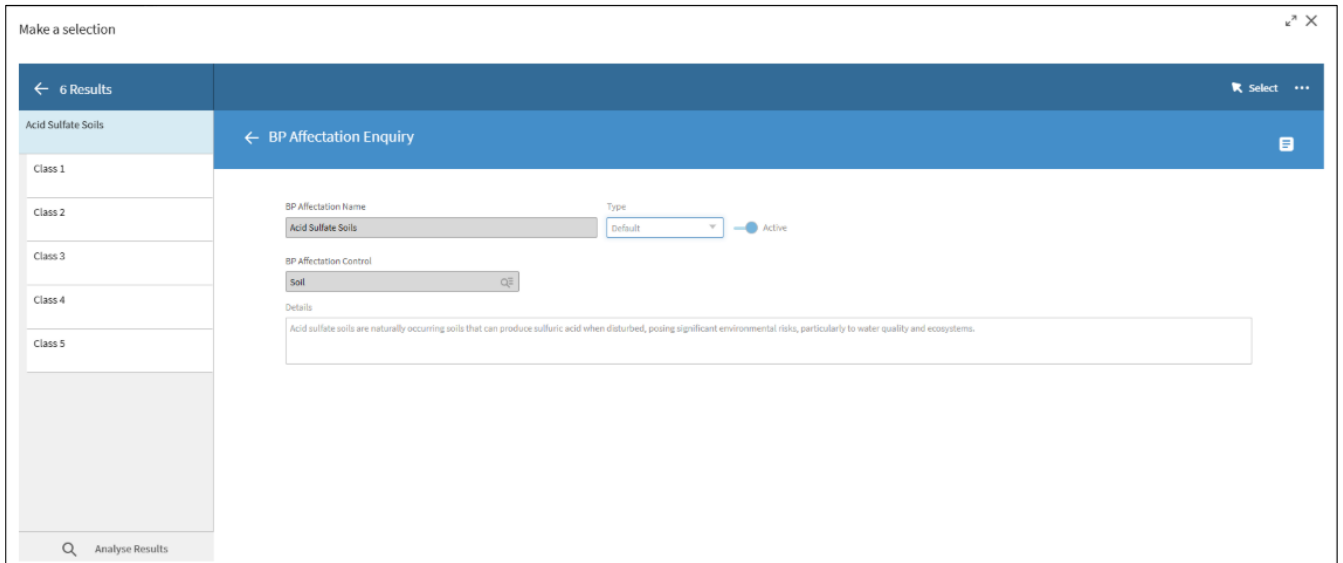


Image 5

The Application Summary has a new Summary Form Part for displaying the active affectations recorded on the application, Image 6.

BP Affection	Created/Changed
Acid Sulfate Soils	19/12/2025 12:00:17 PM
Class 2	19/12/2025 12:00:17 PM
Locality Areas	19/12/2025 11:57:00 AM
Redfern Park South	19/12/2025 11:56:57 AM

Image 6

The Summary Form has an Affectations form option available (subject to user security) to display or maintain affectations for the application, Image 7.

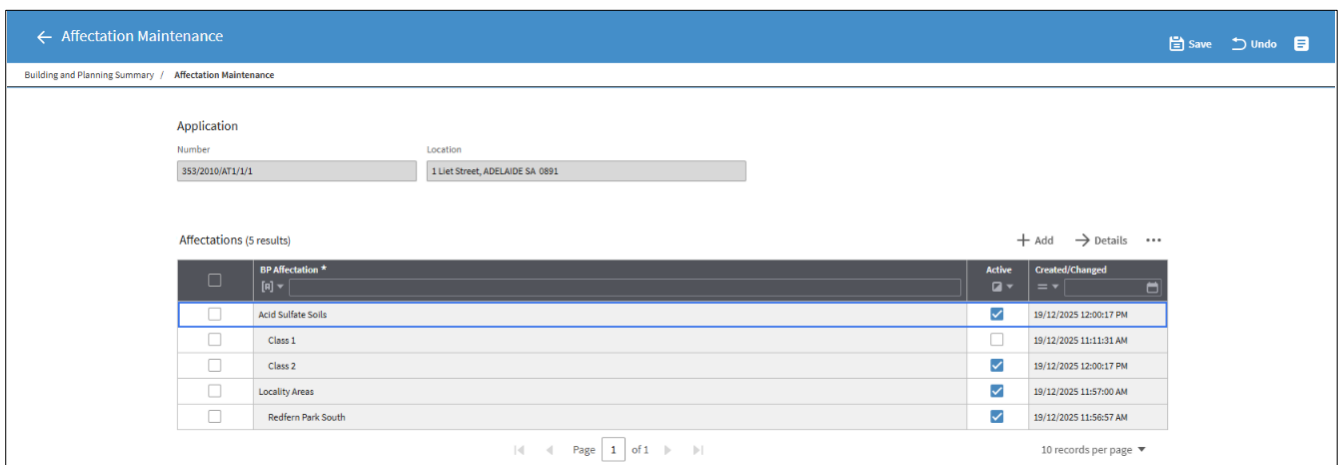


Image 7

**Word Processing**

A new AFFECTS - Application Affectations Extract List is available for use to define Extract Types that can be included in Merge Types to generate documents containing affectation details recorded on an

application. It is available for Application Letters, Permit/Certificates and Consents documents. The following extract fields available for inclusion in Extract Types:

- App\_Affectation\_Name
- App\_Affectation\_Details
- App\_Affectation\_Parent\_Nm
- App\_Affectation\_Parent\_Dt.

The Extract Type Additional Filter option has the following options available to control which affectations are included in an Extract Type, Image 8.

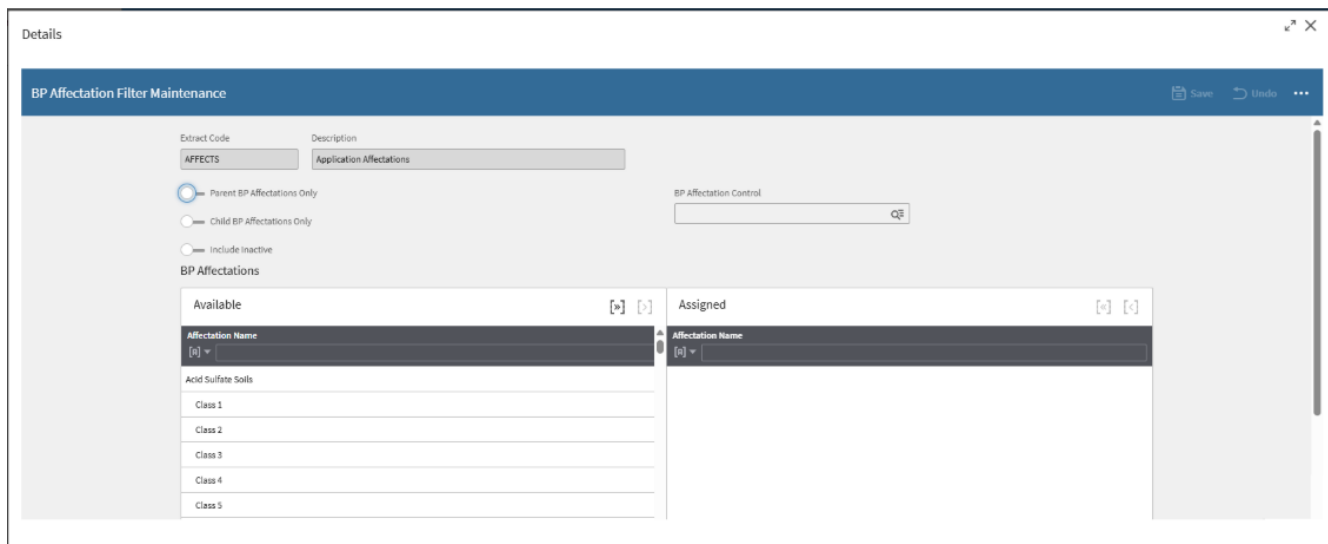


Image 8

Field Name	Function Description
Parent Affectations Only	ON will include only parent affectations linked to the application. OFF will include all affectations linked to the application.  <b>NOTE:</b> Parent Affectations Only and Child Affectations Only are mutually exclusive and cannot be switched on at the same time.
Child Affectations Only	ON will include only child affectations linked to the application. OFF will include all affectations linked to the application.  <b>NOTE:</b> Parent Affectations Only and Child Affectations Only are mutually exclusive and cannot be switched on at the same time.
Include Inactive	ON will include affectations that have their: <ul style="list-style-type: none"> <li>• active flag set to false or</li> <li>• have the active link flag set to false.</li> </ul> OFF will exclude affectations that have their: <ul style="list-style-type: none"> <li>• active flag set to false or</li> <li>• have the active link flag set to false.</li> </ul>
<Class name> Affectation Control	When nominated, will only include the nominated Affectation Control.
<Class name> Affectations	When no affectations are assigned, all affectations are included. Assign affectations if only those affectations are to be included.

**Workflow**

A new Workflow System Action called AFFECT - Affectation Maintenance is available to display Application Affectation Maintenance.

**ION**

The Pathway ION Schema for the PathwayApplication Noun has been changed. They need to be imported into the ION deployment environments to make use of Affectations in PathwayApplication BODs. The ION documentation has been updated with the details of the changes.

**GENCON EDMS and Data Publisher Integration**

The Applications module now has Folder and Document Meta-Data fields called Application Affectations for publishing Affectation data to the external system(s).

The updated Pathway Generic Connector SDK with additional technical details is available on request.

**NOTE: This function will only be available to sites who have the required authority. Contact your Account Manager if your site requires this new functionality.**

## Customer Service

### Secured Functions

Case: WTOR CS0038416, MELV CS0044843      Work Item: 61352  
UX Client      ERS:

REMOVE USER, REQUEST TYPE ALLOCATION, STATUS CODE ALLOCATION AND USER ALLOCATION

Customer Service >> Parameters >> Secured Functions menu options have been reworked to provide the ability to assign multiple items at once, instead of requiring items to be assigned one at a time.

### Request Maintenance

Case: BALL CS0398348, COGC CS1067949,      Work Item: 64829  
WTOR CS0836126  
UX Client      ERS:

NOTES SUMMARY

A Notes Summary with a Copy button, has been made available in new option menu via:

- Request Summary and
- Request Maintenance.

### Request Entry

Case: KSTN CS0600727      Work Item: 65526  
UX Client      ERS:

LEAVING NEW REQUEST WITH MANDATORY INFORMATION MISSING

Changes have been made to Request Entry to display a warning notification to discourage leaving Request Entry by closing the browser tab, or window, when a new Request has been partially saved. For example, mandatory Questionnaire completed but mandatory module links still missing.

The notification states:

Do not close your browser tab or window. Doing so will cause this partially entered Request to be left in the system with mandatory information missing.

**NOTE:** For security reasons all major browsers no longer allow applications to alter the browser tab closure or browser window closure, hence Pathway is only able to display a general warning message.

### Request Type Maintenance

Case: TOOW CS0718870      Work Item: 65760  
UX Client      ERS:

REQUEST TYPE OFFICER MAINTENANCE

Corrections have been made to Request Type Officer Maintenance to ensure the Actioning Officer and Responsible Officer are optional and only Active User Accounts will be available for selection when adding a new officer or changing an existing officer record. If an existing Actioning or Responsible Officer is inactive, an informative error message, for example Default Actioning Officer is inactive, is displayed.

## Request Maintenance

Case: UX Client	Work Item: 66523 ERS:
--------------------	--------------------------

### CONFIDENTIAL REQUESTS

Confidential Request Types are now more prominent within Pathway. In Request Entry, Maintenance and Enquiry this includes:

- Search Results will now display Confidential in bold
- Request Summary will display a Confidential warning
- Request Type Popup has a Confidential filter
- Request Type Lookup has a lock icon.

## Request Maintenance

Case: MNSH CS0974684 UX Client	Work Item: 66564 ERS:
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### CHANGE REQUEST TYPE TO CONFIDENTIAL TYPE

It is now possible for an existing Request Type to be changed to a confidential Request Type that the User Account doesn't have access to. Request Maintenance can then be completed correctly and once saved the Request Summary will display an Access denied message, because the User Account doesn't have access to that Confidential Request Type.

**NOTE:** This would not be possible if the Secured Function Create Request is in use and the User Account is not assigned.

## Request Entry

Case: CAMP CS1057169 UX Client	Work Item: 66793 ERS:
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### INACTIVE DEFAULT OFFICER

Correction has been made to Request Entry to ensure the Actioning or Responsible Officer will not be pre-populated if the Default Actioning or Responsible Officer against the selected Request Type is inactive.

## Business Event Notification - Customer Service

Case: UX Client	Work Item: 67453 ERS:
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### INTERACTIVE NOTIFICATION

The Customer Service Business Event Notification (BEN) process has been changed to send the email notification, if applicable, immediately upon a user completing Request Entry or Request Maintenance on a single Customer Service Request.

The pre-existing background processing via ION batch queue for Customer Service BEN will continue to be utilised for all updates apart from interactive Request Entry and Request Maintenance on a single Customer Service Request.

#### ION CUSTOM AREA MAINTENANCE

A Publish.CustomerCall row has been added to the ION Parameter - Custom Area grid to control whether a PathwayCustomerCallHeader element is included in the Publish.CustomerCall BOD.

The PathwayCustomerCallHeader element includes the Attachments, Document Links, Responses and Memo information associated with a Customer Request.

If your site's e-mail templates for Customer Service BEN require any data element from the PathwayCustomerCallHeaders section, the Publish.CustomerCall row on the ION Parameter - Custom Area grid will need to be activated.

To activate:

1. Select menu option System Administration >> System Parameters >> ION Parameters.
2. Select Custom Area option and check on the Active box on Publish.CustomerCall row and Save.

**NOTE:** The collection of these additional data elements can be detrimental to interactive response times and the PathwayCustomerCallHeaders row should only be activated if necessary.

## Request Maintenance

Case: UX Client	Work Item: 67907 ERS:
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#### INACTIVE QUESTION VALUES

Inactive Question Values will not display, unless they are the Answer to the existing viewed Question.

# Debtors

## Debtor Maintenance

Case: LAKE CS0540413, STHL CS0850396      Work Item: 60850  
UX Client      ERS:

### DEBTOR SUMMARY

The Debtor Summary has been modified to include badge information on the following Options:

- Activities
- Aged Balances
- Arrangements to Pay
- Debt Types
- Debtor Status
- Details
- Direct Debit
- Documents
- Names
- Property Links
- Recovery Groups
- References
- Related Debtors
- Set Cashier Warning
- Transactions.

## Debtor Maintenance

Case:      Work Item: 64329  
UX Client      ERS:

### DOCUMENT REQUEST MAINTENANCE

Previously, Debtor Arrangement to Pay letters generated an error when a new document was being generated and it was not possible to create the letter.

## Debtor Maintenance

Case: STHL CS0264681      Work Item: 64333  
UX Client      ERS:

### DIRECT DEBIT MAINTENANCE

Previously, when a Direct Debit was created and the Direct Debit Type had the Override Interest Date ON in the Direct Debit Type parameter, the Current, Current Arrears and Arrears Interest Override Dates on the Debtor were not being updated with the dates defined in the parameter.

Also, the Interest Override dates that were applied from the Direct Debit Type, should be removed when a Direct Debit is archived.

## Debtor Maintenance

Case: STHL CS0603181, SHIL CS0986563  
UX Client

Work Item: 65697  
ERS:

### DIRECT DEBIT MAINTENANCE

Previously, when navigating to Direct Debit Maintenance, a validation error was incorrectly displayed for the Invoice Period and it was not possible to Archive the Direct Debit. Also, when the menu options are greyed out, they will no longer be available for selection.

## Debtor Maintenance

Case: MERR CS0795102  
UX Client

Work Item: 66073  
ERS:

### REMOVE PROPERTY LINK

All Property links on a Debtor can now be removed.

## Debtor Maintenance

Case:  
UX Client

Work Item: 66522  
ERS:

### DATAGRID SESSION SETTINGS

Data-grids have been enhanced so that column order, widths, sorting and page size will be saved within the browser's session. This enables the data-grid to be set once and then have those custom settings applied whenever the menu is opened. The data-grid can be reset with the Reset to Default option or logging off the UX Pathway session. These changes apply to:

- Document Selection
- Document Enquiry
- Aged Balance Enquiry.

# ePathway System

## ePathway Core

Case: UX Client	Work Item: 64125 ERS:
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### EPATHWAY DOCUMENT LIST VIEWER

ePathway has had the ability to allow viewing of nominated attachments and letters via General Enquiry and MyHome actions. Direct access to EDMS documents is now also available.

A new Document List Viewer option has been introduced to allow viewing of documents subject to EDMS integration i.e. stored in an integrated EDMS and which are flagged by the EDMS as public read access allowed.  
, Image 1.

**NOTE:** Testing this new function should include ensuring your EDMS document properties, such as OK to display to the public, are returned to GENCON.

Documents		
Application Class	Building and Planning	
Formatted Application Number	353/2010/AT1/1	
Formatted Application Location	1 Liet Street, ADELAIDE SA 0891	
ApplicationId	10097430	
		8 Records
	Description	Modified Date
	<a href="#">Building and Planning - 353/2010/AT1/1 - APAFFECT - Application Affectations</a>	05-11-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - ANYFILE - Any file at any location</a>	05-11-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - XLRESATT - Summary for a particular Response (Stakeholder)</a>	07-08-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - XDM_RESP - Summary for a particular Response (Public)</a>	07-08-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - ERESPONSE - ePathway Application/License Response</a>	07-08-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - ERESPONSE - ePathway Application/License Response</a>	30-07-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - ERESPONSE - ePathway Application/License Response</a>	30-07-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - ERESPONSE - ePathway Application/License Response</a>	30-07-2025
<a href="#">Previous</a>		

Image 1 Document List Viewer example screen.

### DOCUMENT LIST VIEWER SYSTEM PARAMETERS

A new system parameter called GeneralEnquiry.DocumentListViewer controls whether the new feature is activated.

**NOTE:** This parameter will be off by default.

GeneralEnquiry.DocumentListViewer	Activate Document List Viewer to list publicly viewable EDMS documents linked to the business object.	<input checked="" type="checkbox"/>
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Image 2 ADMIN >> Configuration >> System Parameters.

## DOCUMENT LIST VIEWER LAYOUT CHANGES

The Administrators Layout menu has a new Extension Images option as shown in Image 3. This allows access to a new parameter where we can associate document extensions i.e. the last portion of the filename, after the last period, that identifies the document type with desired icons and text.

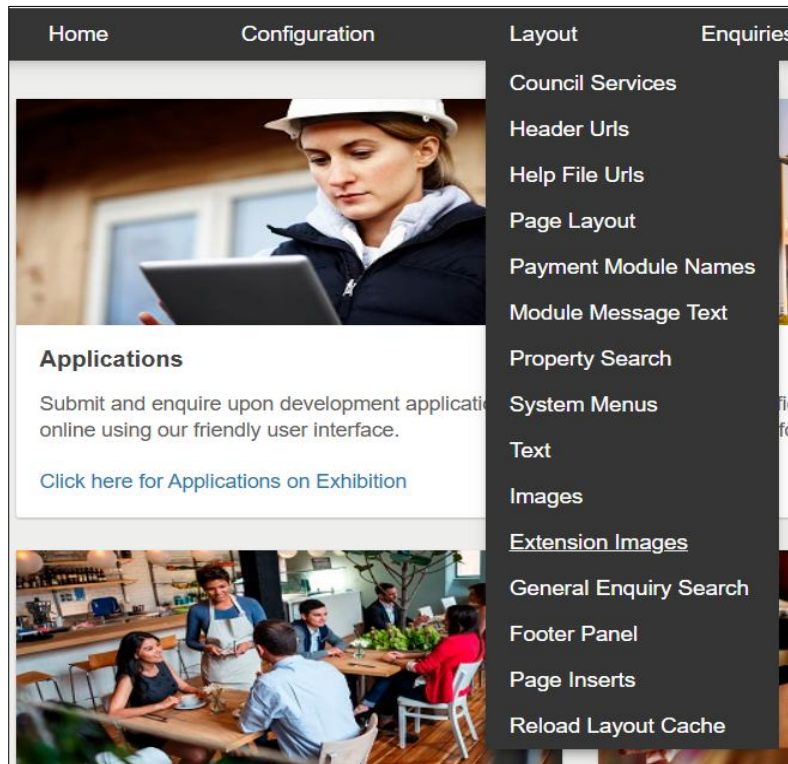


Image 3 New ADMIN Layout menu option, Extension Images.

The new parameter allows each extension or group of extensions to be added. For each entry the Image Path can be used to identify an existing icon in the ePathway installations Images folder (or relative to that folder) and the Image Text can be used to nominate the text to describe the icon, which will show via tool tips. One of the entries can be defined as the Default, meaning the icon will be used for any extensions not listed or identified. In Image 4 the first row has been chosen for that purpose and as such no extension needs to be associated with it.

Another entry (it can be the default) can be nominated to use for URL documents. URL documents are documents where only the URL is being stored in EDMS (or another external archival source). As such, no extension is associated with these documents, but we can still associate a specific icon as shown on the second row in Image 4, where the extension is shown as ARCHIVE but this is arbitrary so long as it does not match with a valid genuine extension and can be left blank if preferred.

All other rows in Image 4, from the third row onwards relate to groups of extensions added as examples using some of the newly supplied Open Source icons added to the Images folder.

**NOTE:** Associating extensions to images here also effect other areas of ePathway that shows similar document links. I.e. The existing Attachments, Letters and Response screens will also use the icons and text nominated in Image 4. If no entries are made, the existing icon used through ePathway (documentopen.gif) will continue to be used.

Extension Images

This page allows you to configure which Images are associated with document extensions for linked documents (Eg. Within the Document List Viewer, Attachments, Responses and other locations that link to viewable documents).












Extension(s)	Image Path	Image Text	Display	Is Default	Apply To Urls	Delete
<input type="text"/>	<input type="text" value="OpenSource_paperclip.svg"/>	<input type="text" value="Generic Document"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="ARCHIVE"/>	<input type="text" value="OpenSource_archive.svg"/>	<input type="text" value="Document Archive"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="DOC,DOCX"/>	<input type="text" value="OpenSource_file.svg"/>	<input type="text" value="Text Document"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="JPG,PNG,BMP,GIF,JPEG"/>	<input type="text" value="OpenSource_image.svg"/>	<input type="text" value="Image"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="LINK"/>	<input type="text" value="DocumentLinkImage.png"/>	<input type="text" value="Archive Link"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="MOV,MPG,AVI,MKV,WMV"/>	<input type="text" value="OpenSource_film.svg"/>	<input type="text" value="Video"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="MP3,M4A,WAV,FLAC,WM"/>	<input type="text" value="OpenSource_music.svg"/>	<input type="text" value="Audio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="PDF"/>	<input type="text" value="DocumentPDFImage.png"/>	<input type="text" value="PDF Document"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="TXT"/>	<input type="text" value="OpenSource_file-text.svg"/>	<input type="text" value="Generic Document"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="XLS,XLSX"/>	<input type="text" value="OpenSource_table.svg"/>	<input type="text" value="Spreadsheet"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="ZIP"/>	<input type="text" value="OpenSource_download.svg"/>	<input type="text" value="Zip"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Image 4: ADMIN &gt;&gt; Layout &gt;&gt; Extension Images

The Image Path used to nominate the image, is the path of the image file relative to the installed ePathway Images folder. Any new/custom images should first be added to that folder. Specifying an Image Path and then pressing Update should refresh the display and show the image if the placement of that file and the name given is correct. Other icons have been added to the Images folder which can be utilised as shown in Image 5.

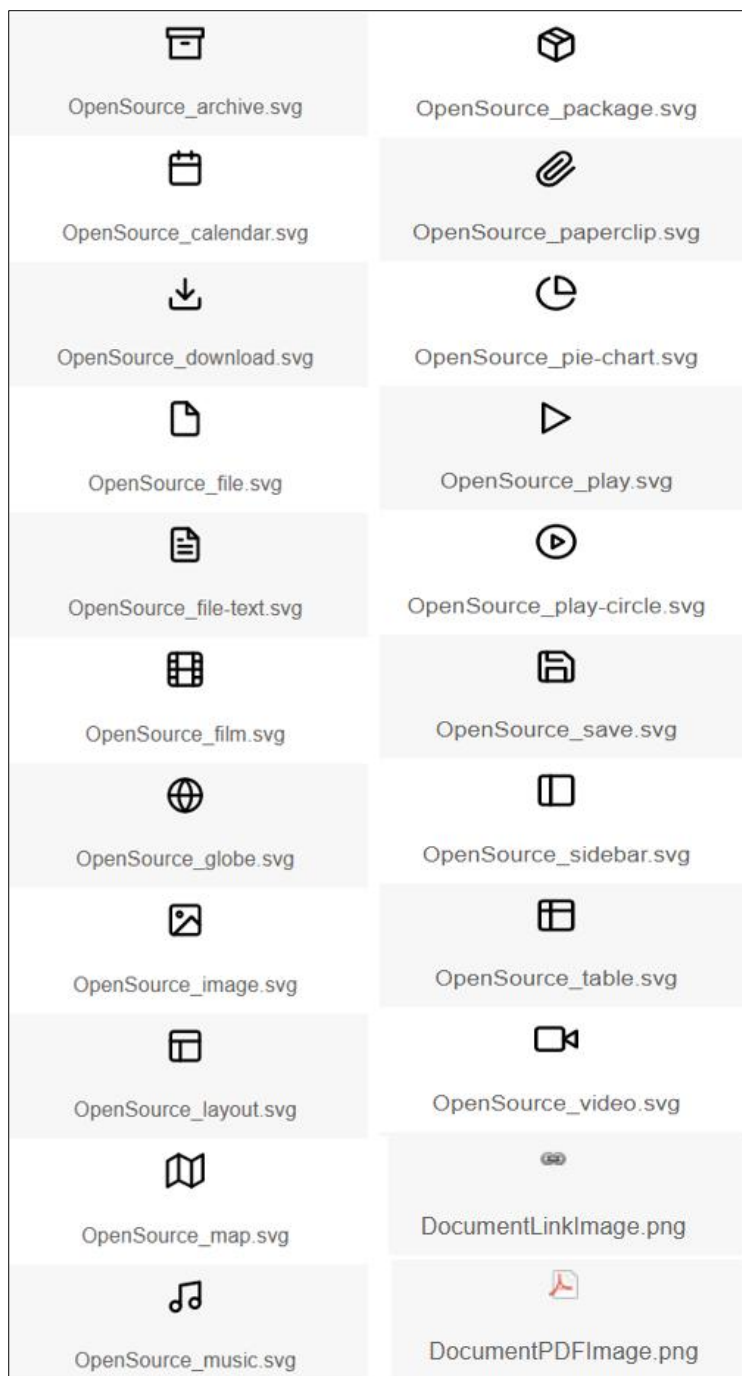


Image 5: Additional Open Source Images Added (ADMIN >> Layout >> Images).

As per standard, all text associated with the new feature is configurable. The new text codes are shown in the table below and can be set per module/business object type.

Text Code	Default Value	Description/Usage
GeneralEnquiry.AnimalDocuments, GeneralEnquiry.ApplicationDocuments, GeneralEnquiry.CustomerRequestDocuments, GeneralEnquiry.DebtorsDocuments, GeneralEnquiry.LicenceDocuments, GeneralEnquiry.PropertyDocuments, GeneralEnquiry.RatesDocuments,	Documents	This determines the label for the action shown in the MyHome actions list and at the bottom of the General Enquiry for each type of business object.

Text Code	Default Value	Description/Usage
GeneralEnquiry.RegisterDocuments, GeneralEnquiry.TradeWasteDocuments, GeneralEnquiry.Documents (default)		
GeneralEnquiry.AnimalDocumentsHeading, GeneralEnquiry.ApplicationDocumentsHeading, GeneralEnquiry.CustomerRequestDocumentsHeading, GeneralEnquiry.DebtorsDocumentsHeading, GeneralEnquiry.LicenceDocumentsHeading, GeneralEnquiry.PropertyDocumentsHeading, GeneralEnquiry.RatesDocumentsHeading, GeneralEnquiry.RegisterDocumentsHeading, GeneralEnquiry.TradeWasteDocumentsHeading	Documents	This determines the heading at the top of the Document List Viewer for each type of business object.
GeneralEnquiry.AnimalDocumentsInstruct, GeneralEnquiry.ApplicationDocumentsInstruct, GeneralEnquiry.CustomerRequestDocumentsInstruct, GeneralEnquiry.DebtorsDocumentsInstruct, GeneralEnquiry.LicenceDocumentsInstruct, GeneralEnquiry.PropertyDocumentsInstruct, GeneralEnquiry.RatesDocumentsInstruct, GeneralEnquiry.RegisterDocumentsInstruct, GeneralEnquiry.TradeWasteDocumentsInstruct		This determines the optional instructions at the top of the Document List Viewer for each type of business object.
GeneralEnquiry.DocumentListLink		This determines the header text for the Description/Title on the Document List Viewers list of available documents.
GeneralEnquiry.DocumentListDescription	Description	This determines the header text for the Description/Title on the Document List Viewers list of available documents.
GeneralEnquiry.DocumentListModifiedDate	Modified Date	This determines the header text for the Modified Date on the Document List Viewers list of available documents.
GeneralEnquiry.DocumentListType		This determines the header text for the Document Type/Extension on the Document List Viewers list of available documents. <b>NOTE:</b> If left blank then this column does not display. If set, it will display as an additional (last) column containing the document extension e.g. DOCX.
GeneralEnquiry.DocumentView	view	This is the default image text for the document link icon used to view the document. <b>NOTE:</b> This will only be used if no Image Text has been specified for the document type on the Extension Images screen, see Image 4.

Text Code	Default Value	Description/Usage
Navigation.ExtensionImages	Extension Images	This determines the label for the new Admin menu item on the Layout menu.

Table 1: New Text Codes (ADMIN >> Layout >> Text).

DOCUMENT LIST VIEWER USAGE

The Document List Viewer is accessible via the MyHome actions as shown in Image 6. The Document option will only appear if the new feature is active and if there are any associated documents able to be viewed.

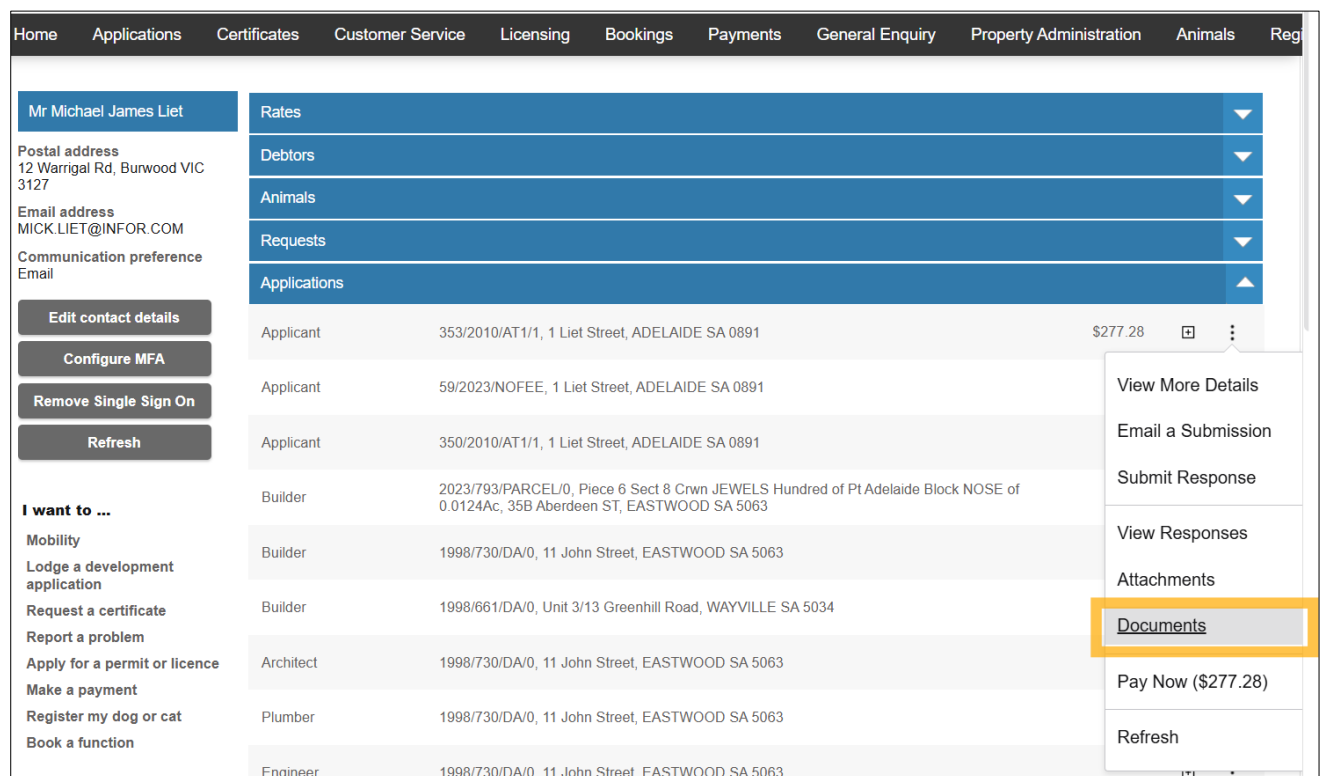


Image 6: MyHome screen action on business object.

Similarly, the General Enquiry detail forms will display the new button at the bottom of the form with the other actions when active, if there are documents available, Image 7.

**References**

7 Records

Reference Name	Reference Value
Application Response Id	EAR906
Application Response Id	EAR923
Application Response Id	EAR924
Application Response Id	EAR925
Approval Number	** DEFAULT ** 0000001451
Court Date	** DEFAULT ** 0000001452
Court Number	** DEFAULT ** 0000001453

**Properties (APROP)**

1 Record

Property ID	Property Address	Property Description	Property Ward	Property GIS Reference
<a href="#">1227242</a>	1 Liet Street ADELAIDE SA 0891	Lot 16B DP 11 of 55sqm		

Previous
Email a Submission
Submit Response
View Responses
Documents
Attachments

Image 7: General Enquiry screen action on same business object.

Image 8 is an example where the instructions text has been set for an application. The instructions give a short guide to the text codes that can be changed to alter various sections.









**NOTE:** The layout matches existing Attachment and Letter screens with the main difference being the document can be accessed by clicking on the icon or the description.

Documents

This is the Document List Viewer.  
 This instructional text is defined by [TextCode] = GeneralEnquiry.ApplicationDocumentsInstruct  
 The header text above is defined by [TextCode] = GeneralEnquiry.ApplicationDocumentsHeading  
 The column headers below for the documents are defined by [TextCode]'s:  
 \* GeneralEnquiry.DocumentListLink  
 \* GeneralEnquiry.DocumentListDescription  
 \* GeneralEnquiry.DocumentListModifiedDate  
 \* GeneralEnquiry.DocumentListType (if blank column not displayed)

<b>Application Class</b>	Building and Planning
<b>Formatted Application Number</b>	353/2010/AT1/1
<b>Formatted Application Location</b>	1 Liet Street, ADELAIDE SA 0891
<b>ApplicationId</b>	10097430

8 Records

	Description	Modified Date
	<a href="#">Building and Planning - 353/2010/AT1/1 - APAFFECT - Application Affectations</a>	05-11-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - ANYFILE - Any file at any location</a>	05-11-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - XLRESATT - Summary for a particular Response (Stakeholder)</a>	07-08-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - XDM_RESP - Summary for a particular Response (Public)</a>	07-08-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - ERESPONSE - ePathway Application/License Response</a>	07-08-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - ERESPONSE - ePathway Application/License Response</a>	30-07-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - ERESPONSE - ePathway Application/License Response</a>	30-07-2025
	<a href="#">Building and Planning - 353/2010/AT1/1 - ERESPONSE - ePathway Application/License Response</a>	30-07-2025

Previous

Image 8: Document List Viewer example with Instruction text.

## ePathway emails to Internal Users

Case: WODO CS0564048  
 UX Client

Work Item: 65427  
 ERS:

### INTERNAL EPATHWAY EMAILS WITH .PTH ATTACHMENTS

The email .PTH attachment generated for the ePathway Change User function, will now work correctly.

## ePathway Session

Case:  
 UX Client

Work Item: 66516  
 ERS:

### SESSION WARNING MESSAGE

A customer will now see a warning message one minute before their session will expire and will be given the option to extend the session via a displayed popup. If the customer fails to extend their session in time they will automatically be redirected to the session timeout page.

The following Text values can be altered to configure what is displayed on the session timeout popup:

- Error.ExpiryTitle
- Error.ExpiryQuestion

- Error.ExpiryEndSession
- Error.ExpiryContinueSession.

## ePathway Document/Attachment Downloads

Case: UX Client	Work Item: 66665 ERS:
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### VIEW WORD DOCUMENTS AS PDF

A new ePathway system setting GeneralEnquiry.ConvertWordToPdf has been created to enable sites to ensure all Word documents obtained from Pathway are dynamically rendered as PDF documents before transfer. When this setting is true i.e. check box is ticked, all exposed documents will be presented, viewable and downloaded as PDF files, even though the documents stored in the EDMS are Word documents. By default, this new setting will be false i.e. unticked and Word documents will be presented in Word format.

To enable the new setting in ePathway, go to: ADMIN >> Configuration >> System Parameters >> GeneralEnquiry.

GeneralEnquiry		
GeneralEnquiry.ConvertWordToPdf	Convert all downloaded Word documents to PDF format.	<input checked="" type="checkbox"/>

## ePathway Reconciliation Report

Case: MNVL CS1122733 UX Client	Work Item: 67403 ERS:
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### EPATHWAY RECONCILIATION REPORT

Under certain conditions, performing a large number of Web Exports from Pathway to ePathway could result in the ePathway Reconciliation Report, run by the DataManager overnight, experiencing an OutOfMemory exception, which would then disrupt the queueing of subsequent Exports. A change has been made to ensure the report uses memory more efficiently to resolve the issue.

## ePathway VertiGIS Integration

Case: UX Client	Work Item: 64113 ERS:
--------------------	--------------------------

\*\*\* Authorised Function \*\*\*

**NOTE: Changes to the user interface have been developed for the Pathway UX client only.**

A new authorised function VertiGIS Integration has been introduced to enable integration with VertiGIS maps within ePathway. This enhancement enables the display of spatial data from VertiGIS Maps during:

- Application Lodgement
- Application Pre-Lodgement
- General Enquiry searches for Applications.

Additionally, this Authorised Function enables multiple property selection during Application Lodgement.

### VertiGIS Setup in ePathway

The required system configuration is outlined below.

#### Configuration - System Parameters

System configuration is available to under Configuration → System Parameters with Advanced options must be enabled.

GISProvider	
GISProvider.DefaultGISProvider	Default map provider for the application.
GISProvider.VertigIS.InteractiveMapBaseUrl	The base URL used to access the Interactive / Property Search map hosted in VertigIS Studio (for example: <a href="https://council.com/vertigisstudio/web">https://council.com/vertigisstudio/web</a> ).
GISProvider.VertigIS.IsInteractiveMapPublic	Ensure the map is publicly accessible or does not require authentication.
GISProvider.VertigIS.PortalBaseUrl	The base URL of the ArcGIS Portal used by VertigIS Studio to locate your ArcGIS content.
GISProvider.VertigIS.PropertyHighlightMapApplicationId	The unique application ID of the VertigIS Studio map item used for General Enquiry.
GISProvider.VertigIS.PropertySearchMapApplicationId	The unique application ID of the VertigIS Studio map item used for property search.
GISProvider.VertigIS.RESTServiceBaseUrl	The base URL used to access the ArcGIS REST services."
GISProvider.VertigIS.RESTServicePassword	Service account password used to retrieve the access token.
GISProvider.VertigIS.RESTServiceTokenDuration	Access Token lifetime (in minutes). Default is 60 minutes.
GISProvider.VertigIS.RESTServiceTokenUrl	ArcGIS REST service token URL used to obtain or refresh an access token.
GISProvider.VertigIS.RESTServiceUsername	Service Account Username used to retrieve the access token.

Image1 System Settings configurations

GISProvider.DefaultGISProvider allows the selection of the default GIS provider:

- Google
- VertigIS.

When Google is selected, the behaviour remains consistent with the existing Google Property Search tab. Configure the GIS tab using the existing DefaultGISProvider settings:

GISProvider.VertigIS.ApplicationID	A GUID (unique identifier) representing the VertigIS Studio application configuration that has been designed and deployed. This identifier remains consistent across ePathway users and browser sessions and is typically used for logging and auditing purposes within VertigIS.
------------------------------------	---

GISProvider.VertiGIS.InteractiveMapBaseUrl	The base URL of the VertiGIS interactive map and enables data exchange between the VertiGIS map and the ePathway system.
GISProvider.VertiGIS.IsInteractiveMapPublic	To allow data exchange between VertiGIS and ePathway the map must be publicly accessible. This flag confirms the map has been exported as public from VertiGIS Studio.
GISProvider.VertiGIS.PortalUrl	The base URL of the ArcGIS / VertiGIS Portal instance used for authentication and sharing data from ePathway. for example, to highlight a property based on a supplied Property ID.

The following parameters are used by ePathway to make ArcGIS REST Service API calls. For example, to retrieve a snapshot image of a property location). VertiGIS maps rely on the ArcGIS API for these operations:

GISProvider.VertiGIS.RESTServiceBaseUrl	The root URL of the ArcGIS REST service. All REST API operations (such as map export, identify, query, or token requests) are constructed by appending service paths and parameters to this base URL. Example: <a href="https://council.gov.au/map/rest">https://council.gov.au/map/rest</a>
GISProvider.VertiGIS.RESTServicePassword	The service account password used to obtain the authentication token.
GISProvider.VertiGIS.RESTServiceTokenDuration	The duration (in minutes) for which the authentication token remains valid. The default token validity period is 60 minutes.
GISProvider.VertiGIS.RESTServiceTokenUrl	The API endpoint used to generate the authentication token for ArcGIS REST services.
GISProvider.VertiGIS.RESTServiceUsername	The service account user name used to obtain an authentication token for ArcGIS REST API access.

### Configuration - Page Layout for Application Lodgement

During Application Lodgement, the Property Search page will display the VertiGIS map when the system parameter GISProvider.DefaultGISProvider is set to VertiGIS. This enables users to:

- Select a property directly from the map and add it to the Application Lodgement, or
- Enter an address in the VertiGIS GIS tab of Property Search and view the map highlighting the selected property.

Different Application Types may require:

- Displaying different spatial data layers, or
- Displaying entirely different map extents.

To support this ePathway enables the configuration of a VertiGIS map per Application Type. The VertiGIS Map Relative Path setting is available under: Layout → Page Layout → ePathway Application Lodgement → [Application Class] → [Application Type] → Agreement. The configured relative URL is constructed using the value of GISProvider.VertiGIS.InteractiveMapBaseUrl as shown in Image 2.

VertiGIS Map Relative Path

?app=15bx4654eacwsdfw221erfd342e9dbaf&isEmbedded=true

Image2 Application Lodgement Application Type - VertiGIS Map Configuration

### Configuration - GIS Search

The VertiGIS map is available in Property Search during Application Lodgement under the GIS tab. To enable this, configure the GIS tab as the First Search Type for Property Search via Layout → Property Search.

#### NOTE:

- VertiGIS is supported only for Property Search (Parcel Search is not supported).
- VertiGIS integration is available only for the Application and Application Pre-Lodgement modules.

### Configuration - Page Layout for General Enquiry Search

The General Enquiry Summary page displays the VertiGIS map, highlighting the properties associated with the search results for the selected General Enquiry Type. To enable this, the VertiGIS map must be linked to the relevant General Enquiry List Code. Configuration path ePathway → Layout → Page Layout → ePathway General Enquiry – Applications → Select General Enquiry List Code → Summary.

<b>VertiGIS Map Relative Path</b>	?app=15bx4654eacwsdfw221erfd342e9dbaf&isEmbedded=true
<b>VertiGIS Map Workflow Id</b>	5d99w23df-9er9-44f6-a80f-bf9gt88e9r814
<b>VertiGIS Map Portal Item</b>	93ae9a9a542b406c95e148c009f4d2fb

Image3 General Enquiry Summary - VertiGIS Map Configuration

### Configuration - web.config

To enforce secure communication between the VertiGIS map and the ePathway system, the VertiGIS base URL must be added to the Content Security Policy (CSP) configuration.

#### Configuration Steps

1. Open the web.config file from the deployed (released) ePathway application folder.
2. Locate the Content-Security-Policy entry.
3. Add the base URL of the VertiGIS map, derived from the GISProvider.Vertigis.InteractiveMapBaseUrl setting configured under Configuration → System Parameters.

Example: If the system parameter GISProvider.Vertigis.InteractiveMapBaseUrl is set to <https://geomap.council.gov.au/vertigisstudio/web>. Then the base URL that must be added to the Content-Security-Policy is: <https://geomap.council.gov.au>. This configuration ensures that ePathway can securely communicate with the VertiGIS map while complying with Content Security Policy requirements.

```
add name="Content Security Policy" value="default src 'self' http://maps.googleapis.com/ https; script src 'self' 'unsafe inline' 'unsafe eval' https://www.google.com/ http://www.gstatic.com/ http://www.google.com/ http://maps.googleapis.com/ http://www.google-analytics.com/ https://www.gstatic.com/ https://www.google.com/ https://maps.googleapis.com/ https://www.google-analytics.com/ style src 'self' 'unsafe inline' http://fonts.googleapis.com/ https; img src 'self' http://www.google.com/ http://maps.googleapis.com/ http://maps.googleapis.com/ data: https://blob: frame-ancestors 'self'; frame src self https://www.info.com https://geomap.council.gov.au />
```

Image 4 Content Security Policy configuration in web.config

### Application Lodgement / Pre-Lodgement Property Search

During the Application Lodgement and Application Pre-Lodgement Enquiry processes, the GIS Search tab is presented with an embedded VertiGIS map and a single-line address search. Public and registered users can search for a property by:

- Entering an address in the Address text box, or
- Selecting a property directly from the VertiGIS map.

To support property address search and map-based selection, councils are required to configure the relevant map and workflows in VertiGIS Studio.

### General Enquiry Applications

Based on the VertiGIS configuration defined for the General Enquiry Page Layout, a VertiGIS map displaying pinned properties associated with the General Enquiry search results is presented on the Summary page. Key behaviour:

- Selecting a row from the search results sends a command to the map to zoom in and highlight the property associated with the selected record.
- A Restore button is provided to reset the map view to its original state, displaying all pinned properties.

Refer to the Data from ePathway to VertiGIS section below for details on the data commands passed from ePathway to the VertiGIS map.

**NOTE:** Sites are responsible for ensuring that the VertiGIS map is correctly configured to highlight the appropriate properties associated with each enquiry result and to respond correctly to requests sent from ePathway.

The screenshot displays the City of Sydney's VertiGIS map interface. At the top, a blue header reads 'For Public Objection/Support'. Below this, the section is titled 'Your Results' with a sub-header 'Listed below are the results for the enquiry that you requested. If available, you can click on the first column to display the details for that entry.' The main area features a map of Sydney with numerous red pins indicating property locations. To the left of the map is a legend for 'Applications on Exhibition' with categories: 'Application on Property' (Single, Multi) and 'Multi Property Application' (Yes). Below the map, there are navigation and search controls, including a search bar, a 'Restore Map' button, and a blue banner for 'Enquiries Applications On Exhibition' with instructions and a link to the main site. The bottom of the interface shows a 'General Enquiry Search' tab and a 'Details' section with dropdown menus for selecting an alternate enquiry list and previous searches.

Image 5 VertiGIS Map presented in General Enquiry Search

### VertiGIS Map Configuration

The ePathway system and the VertiGIS map communicate bi-directionally. Councils must configure the VertiGIS map to:

- Accept data supplied by ePathway and
- Return data in a format that ePathway can interpret.

### Data from ePathway to VertiGIS

When a search is performed from the GIS Search tab or a General Enquiry search result is selected, ePathway sends the TPKLPAPROP value to the VertiGIS map. The map is expected to zoom in and highlight the supplied property.

**Data supplied to VertiGIS**

VertiGIS WorkflowId configured in VertiGIS and referenced by ePathway. Sample code of ePathway passing data to VertiGIS:

```
data = {
  id: 'vertigis-web',
  type: 'run-command',
  arguments: [
    {
      name: 'workflow.run',
      arguments: {
        'icon': 'workflow',
        'title': '',
        'id': '<<VertiGIS WorkflowId>>',
        'portalItem': '<<VertiGIS PortalUrl>>',
        'acceptsUrlParams': true,
        'commandArgumentInput': 'context',
        'inputs': {
          'TPK': 123456789,
          'TPKLPAPROP': 123456789,
          'inputsource': 'ePathway'
        }
      }
    },
  ],
}
```

**Data from VertiGISMap to ePathway**

To support the Property Search during Application Lodgement, the VertiGIS map is expected to return the list of selected properties as a comma-separated list of TPKLPAPROP values.

For example: 123456456,121454255,121566365.

**Error Handling and Configuration**

All VertiGIS-related errors and informational logs are reported to a dedicated email address. This can be configured via Configuration → Event Type Configuration → VertiGIS Integration:

- Enable the Monitor checkbox
- Enter the dedicated notification email address.

**Fallback Behaviour**

If the VertiGIS map fails to load due to configuration or runtime errors, the system:

- Logs the issue
- Sends an email notification
- Automatically falls back to the Google Maps, if applicable, allowing users to continue the process.

If the GIS Search tab is configured for modules other than Application or Application Pre-Lodgement, and VertiGIS is set as the default GIS provider, the system:

- Displays the Google Map
- Sends an email notification about default serve of Google Map.

In all scenarios where VertiGIS cannot be rendered, ePathway will safely fall back to Google Map as the default provider. Sample Email Notification, Image 6.

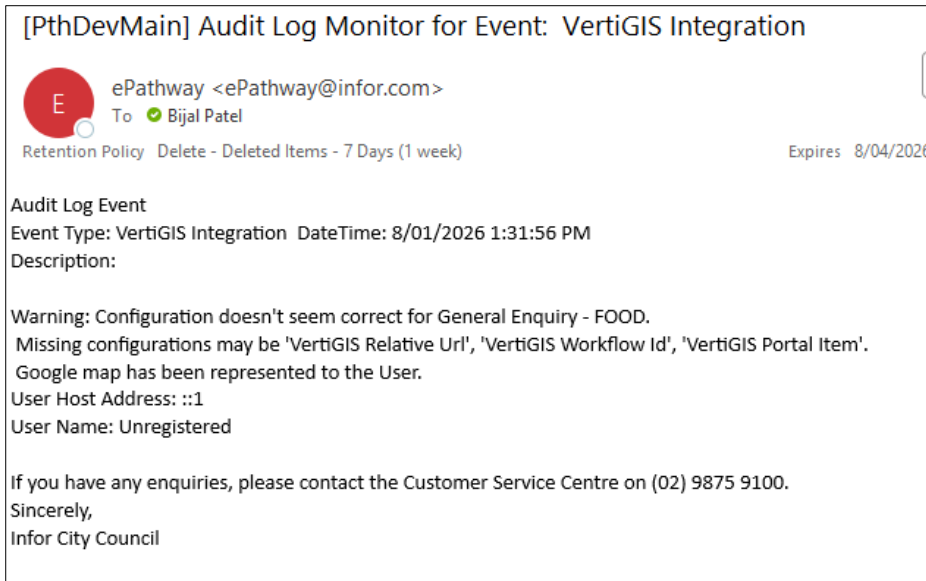


Image 6 Sample VertiGIS Integration Error Notification

**Multi-Property Selections**

The property search forms for Application and Licensing lodgement now show a property editor panel at the bottom of the form if previous Property (or Parcel) selections have already been made. As shown below, previous selections now show in the search and can be individually removed by clicking the "x" icon, Image 7.

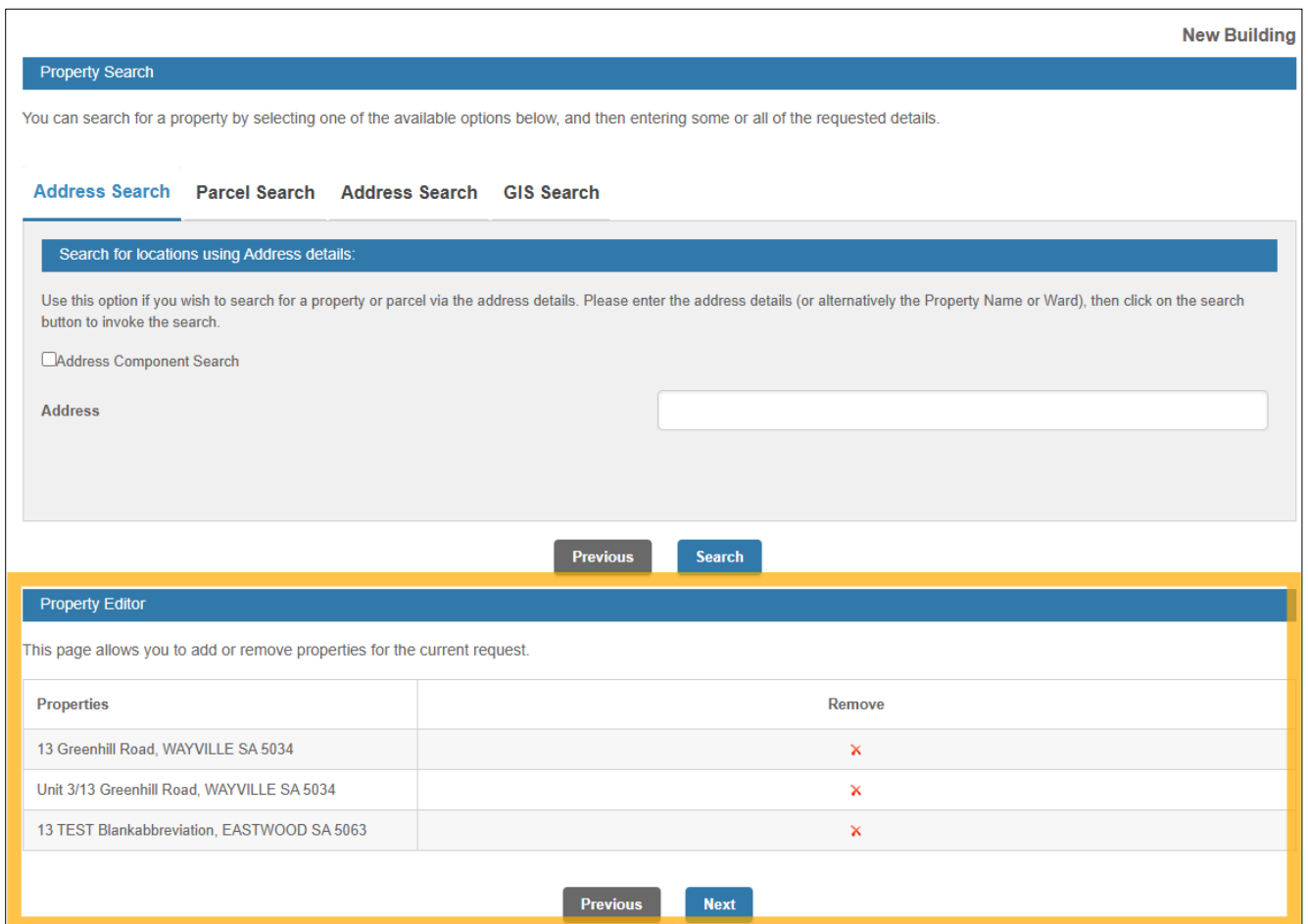


Image 7 Property Search showing Property Editor panel

**NOTE:** This new behaviour will be enabled by default. Should sites prefer this new panel not be displayed, it can be disabled by unchecking the new Property.ShowSelectionsOnSearchPage system setting, Image 8.

Property.ShowSelectionsOnSearchPage	If checked, existing selections will be shown directly on the Property Search page during lodgement. Otherwise a separate Properties page will allow display/removal.	<input checked="" type="checkbox"/>
-------------------------------------	---	-------------------------------------

Image 8 ADMIN → Configuration → System Parameters

**NOTE:** As ePathway can be accessed from a variety of devices, sites are responsible for ensuring the VertiGIS map is configured to provide an optimal user experience across mobile and other device types.

**NOTE:** This function will only be available to sites who have the required authority. Contact your Account Manager if your site requires this new functionality.

## ePathway Customer Service Enquiry

Case: TOOW CS1385774  
UX Client

Work Item: 67829  
ERS:

### ALL CUSTOMER SERVICE REQUESTS FOR REGISTERED USERS

When logged into ePathway as a registered user, requests linked to the unregistered ePathway user, commonly known as PUBLIC, were incorrectly available. This has been corrected so that the requests returned by the option Customer Service > Customer Service Enquiry > All Customer Service Requests search are only those related to the name associated with the registered ePathway User Account.

## ePathway Styling

Case:  
UX Client

Work Item: 66761  
ERS:

### PAGE LEVEL STYLING

Additional Styling Classes have been added to the form element on every ePathway page, so that a specific page within a specific module can be targeted for styling.

Examples:

Applications -> module-applications

GeneralEnquiry -> module-generalenquiry.

There have also been classes added to distinguish between User Accounts.

Example:

Public -> public-user

Registered -> registered-user

Administrator -> admin-user.

# ePathway Applications

## ePathway Applications General Enquiry Parameters

Case: UX Client	Work Item: 67081 ERS:
--------------------	--------------------------

### APPLICATIONS ENQUIRY PARAMETERS

The System Menu >> System Administration >> ePathway >> General Enquiry Parameters >> Applications Enquiry Parameters menu option has been updated to use Pathway UX user interface standards in most instances.

## Application Questionnaires

Case: UX Client	Work Item: 66928 ERS:
--------------------	--------------------------

### QUESTIONNAIRES

Questionnaire functionality has been extended in ePathway Application Lodgement.

The ePathway Page Layout will now show the question numbers and any skip information if the page layout contains a questionnaire. This will allow a site to view how the questionnaire will dynamically work, as now it will also skip any other fields, such as an attachment type placed between a question that will skip and the skipping to question. This can be used by creating a question that is asked to determine if a customer needs to submit a specific document.

The Page Layout will also allow a Validator Regular Expression value to be set for Boolean Questions where the Boolean Display Action is not set to checkbox. Undecided, True, and False are the valid options that can be entered. This is what the customer needs to enter; otherwise, the Validator Message is displayed as an error. This can be used to verify that the customer has selected the correct class or type when submitting their request, as it will stop the customer from proceeding.

**NOTE:** The field containing the name of the questionnaire must be added to ePathway Page Group Fields in front of the questions, as shown in the image below, or this function will not work.

Seq.	Qust. No	Label	Label O'ride
1		ePathway Skip Questionr	<input type="checkbox"/>
2	Q10	Do you have a planning p	<input type="checkbox"/>
4	Q20	What date was the planni	<input type="checkbox"/>

## ePathway General Enquiry

### Register Maintenance

Case: UX Client	Work Item: 62225 ERS:
--------------------	--------------------------

#### REGISTER MAINTENANCE

System Administration >> ePathway >> General Enquiry Parameters >> Register Enquiry Parameters >> Register Maintenance menu options have been updated to use Pathway UX user interface standards.

### ePathway Applications General Enquiry

Case: UX Client	Work Item: 64119 ERS:
--------------------	--------------------------

#### EPATHWAY QUICK AND ADVANCED ENQUIRY SEARCHES

Changes have been made to allow for two additional Enquiry Search Types to be optionally utilised for ePathway Application Enquiries. The two new types are:

- Quick Search - Allow search via either single line address or formatted application number, both enterable via the same single field with intelligent autocomplete features.
- Advanced Search - Allow search via a combination of application, address and date details.

Also, Enquiry Lists can now be nominated as Retrieve All At Once, so rather than obtaining details one page at a time for a search, the system will retrieve rows based upon a much larger page size, effectively retrieving all rows. This can be useful when paired with an active ePathway GIS provider to render all results on a map.

#### ENQUIRY SEARCH TYPE PARAMETER CHANGES

Using the General Enquiry Search maintenance screen an Administrator can now select two extra search tab options for Applications enquiries, Image 1.

General Enquiry Search

This page allows you to define the advanced search attributes and layout for each Enquiry List within each available General Enquiry module.

Select an Enquiry Module ePathway General Enquiry - Applications

Select an Enquiry List General Applications

Sequence	Description	User Text	Active
<input type="checkbox"/>	Title Search	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Valuer General Search	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Date Search	<input type="text"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Advanced Search	<input type="text"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Quick Search	<input type="text"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Address Search	<input type="text"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	GIS Search	<input type="text"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Google Maps	<input type="text"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Decision Date Search	<input type="text"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Formatted Number Search	<input type="text"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Parcel Search	<input type="text"/>	<input checked="" type="checkbox"/>

Image 1: ADMIN >> Layout >> General Enquiry Search.

**ENQUIRY LIST RETRIEVE ALL**

Enquiry Lists can now be flagged to Retrieve All At Once. This means the list will be nominated to use a page size to obtain all matching records. This can be useful if we have an Applications On Exhibition type of enquiry and would like to present all applications on a GIS map rather than have the first page of results plotted. Normally the pagination is governed by the size nominated in system settings for GeneralEnquiry.RecordsPerPage. A new additional setting called GeneralEnquiry.RecordsPerPageAll has been added, Image 2.

GeneralEnquiry.RecordsPerPage	The number of results per page returned by the General Enquiry module (must be between 1 and 100).	10
<b>GeneralEnquiry.RecordsPerPageAll</b>	The number of results per page returned when retrieving ALL for an Enquiry List (Not advised to set above 999).	500

Image 2: Retrieve All System Configuration Setting.

Any enquiry list nominated to Retrieve All At Once will utilise the larger page size which can be set to up to 9999 (default is 500). Note that the system still requires a page size as a sanity check to guard against impractical volumes which may otherwise take too long to respond.

To nominate an Enquiry List as using the Retrieve All At Once option, a new Retrieve All At Once column has been added to the Enquiry Lists layout page as shown in Image 3.

Enquiry Lists								
This page shows all the available Enquiry Lists for your selected Pathway Module.								
Module: LAP Pathway Module								
Seq.	Code	Description	Instruction	Image			Retrieve All At Once (Not Recommended)	
1	DEV	Development Applications - All		Uri Text	Metadata Text	Summary	<input type="checkbox"/>	Detail
2	PN	For Public Objection/Support	<H4> Specific Title for Public Objection/Support</H4> 	Uri Text	Metadata Text	Summary	<input type="checkbox"/>	Detail
3	DETAPP	Determined Applications (within class "1")		Uri Text	Metadata Text	Summary	<input type="checkbox"/>	Detail
4	APPR	Approved Applications		Uri Text	Metadata Text	Summary	<input type="checkbox"/>	Detail
5	GENAP	General Applications	This is a CoS test Enquiry List	Uri Text	Metadata Text	Summary	<input checked="" type="checkbox"/>	Detail

Image 3: Enquiry Lists with Retrieve All checkbox.

Now if a user were to initiate the enquiry for General Applications and there are 95 applications on exhibition, then instead of presenting the first page with 10 results and allowing selection of up to nine pages, all 95 results will be returned and scrollable in the search results.

QUICK SEARCH

The new Quick Search general enquiry search type presents a single field to use for filtering, Image 4.

General Enquiry Search

## Search

You can perform a search by selecting one of the available options below, and then entering some or all of the requested details.

Select an alternate Enquiry list General Applications ▼

Previous Searches (select) ▼

Advanced Search **Quick Search** Address Search GIS Search Google Maps Decision Date Search Formatted Number Search Parcel Search

Search for applications across main details

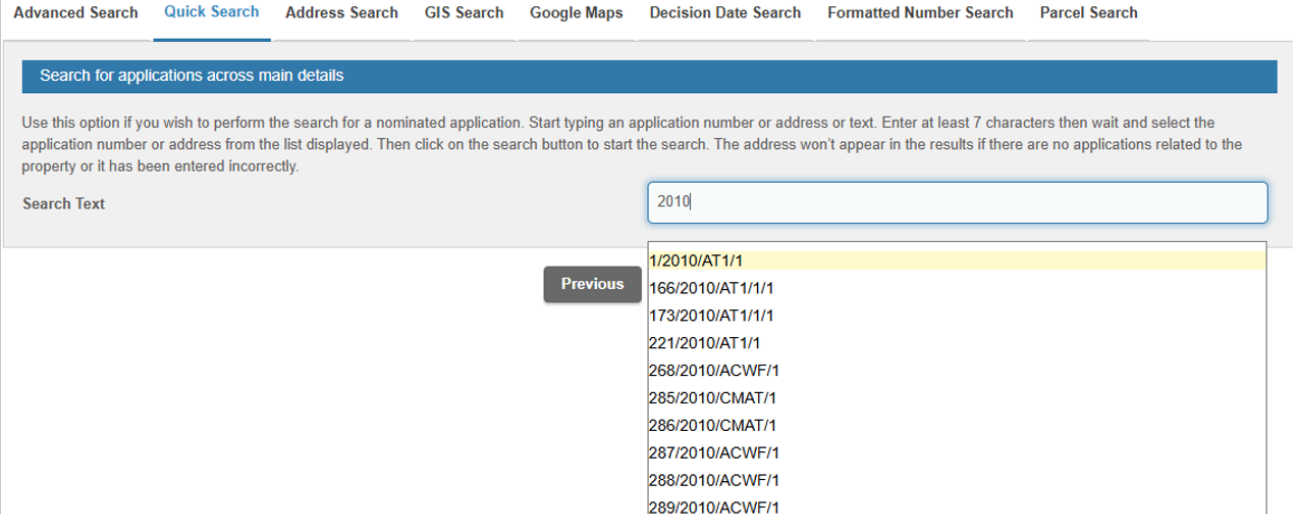
Use this option if you wish to perform the search for a nominated application. Start typing an application number or address or text. Enter at least 7 characters then wait and select the application number or address from the list displayed. Then click on the search button to start the search. The address won't appear in the results if there are no applications related to the property or it has been entered incorrectly.

Search Text

Previous
Search

Image 4: Quick Search.

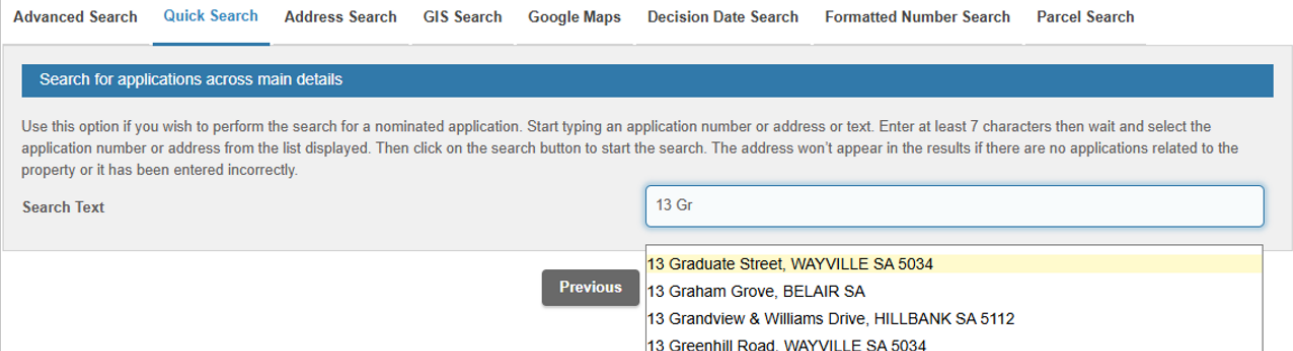
If the text entered is purely numeric or else has no spaces but has slashes e.g. 2010/AT1, then the system will assume it is going to be a formatted application number and will attempt to present matching autocomplete options as shown in Image 5.



The screenshot shows the 'Quick Search' tab selected in a navigation menu. Below the menu is a blue header bar with the text 'Search for applications across main details'. Underneath is a paragraph of instructions: 'Use this option if you wish to perform the search for a nominated application. Start typing an application number or address or text. Enter at least 7 characters then wait and select the application number or address from the list displayed. Then click on the search button to start the search. The address won't appear in the results if there are no applications related to the property or it has been entered incorrectly.' A search input field labeled 'Search Text' contains the text '2010'. To the right of the input field is a 'Previous' button. A dropdown list of suggestions is visible, with the first item '1/2010/AT1/1' highlighted in yellow. The list contains the following items: 1/2010/AT1/1, 166/2010/AT1/1/1, 173/2010/AT1/1/1, 221/2010/AT1/1, 268/2010/ACWF/1, 285/2010/CMAT/1, 286/2010/CMAT/1, 287/2010/ACWF/1, 288/2010/ACWF/1, and 289/2010/ACWF/1.

Image 5: Quick Search formatted number.

If instead the entry has spaces, letters or no slash anywhere within it then the system will treat it as an attempted address entry and will attempt to autocomplete as an address as shown in Image 6.



The screenshot shows the 'Quick Search' tab selected in a navigation menu. Below the menu is a blue header bar with the text 'Search for applications across main details'. Underneath is a paragraph of instructions: 'Use this option if you wish to perform the search for a nominated application. Start typing an application number or address or text. Enter at least 7 characters then wait and select the application number or address from the list displayed. Then click on the search button to start the search. The address won't appear in the results if there are no applications related to the property or it has been entered incorrectly.' A search input field labeled 'Search Text' contains the text '13 Gr'. To the right of the input field is a 'Previous' button. A dropdown list of suggestions is visible, with the first item '13 Graduate Street, WAYVILLE SA 5034' highlighted in yellow. The list contains the following items: 13 Graduate Street, WAYVILLE SA 5034, 13 Graham Grove, BELAIR SA, 13 Grandview & Williams Drive, HILLBANK SA 5112, and 13 Greenhill Road, WAYVILLE SA 5034.

Image 6: Quick Search address.

As per behaviour of all other searches, pressing the Search button will initiate the search.

## ADVANCED SEARCH

The new Advanced Search enquiry tab allows for a wider variety of search fields as shown in Image 7.

General Enquiry Search

## Search

You can perform a search by selecting one of the available options below, and then entering some or all of the requested details.

Select an alternate Enquiry list General Applications ▼

Previous Searches (select) ▼

Advanced Search
Quick Search
Address Search
GIS Search
Google Maps
Decision Date Search
Formatted Number Search
Parcel Search

Search for applications using specified criteria

Use this option if you wish to perform the search for a nominated application. Please fill in at least development type, street name, suburb or date. Then click on the search button to start the search.

Application Type

Status

Development Type

Street Name

Suburb

Custom Date Range

From Date

To Date

(any) ▼

(any) ▼

(any) ▼

17/10/1925 📅

22/9/2025 📅

Previous
Search

Image 7: Advanced Search.

The search fields are described below. Note that at least one of the fields need to be supplied to initiate a search.

Search Field	Description
Application Type	This drop-down field will show all valid Application Types for the General Enquiry list. Note: If the Enquiry List only allows a single Application Type this field is not relevant and will be hidden.
Status	This drop-down field will show all valid Status values for the application class.
Development Type	This is a free text entry field. If the value entered resembles a formatted application number (i.e. Numeric or has slashes and no spaces) then it will be treated as such and suggest an autocomplete value. Otherwise, it will be treated as a portion of text to search for within each application description.
Street Name	A street name to filter. Can be supplied with or without the street type. E.g. Can enter Greenhill and it will search for Greenhill Road, Greenhill Street, etc. Whereas entering Greenhill Road will search for Greenhill Road only. This field will also suggest street names via autocomplete.
Suburb	A suburb name to filter. This field will also suggest suburb names via autocomplete.
Custom Date Range	This drop-down field will allow selection of pre-determined date ranges (Today, 1 Week, 2 Weeks, 30 Days or custom). If custom is chosen, then the From/To date range is available for entry via date picker.

As per behaviour of all other searches, pressing the Search button will initiate the search.

TEXT AND CONFIGURATION CHANGES

For each of the field labels and screen descriptions, for the new searches, new associated Text Code can be tailored via: ADMIN >> Layout >> Text >> General Enquiry.

Text Code	Default Text
GeneralEnquirySearch.Advanced	Formatted Number
GeneralEnquirySearch.AdvancedInstructions	Search for applications using specified criteria.
GeneralEnquirySearch.AdvancedSearchInstructions	Use this option if you wish to perform the search for a nominated application. Please fill in at least development type, street name, suburb or date. Then click on the search button to start the search.
GeneralEnquirySearch.ApplicationType	Application Type
GeneralEnquirySearch.DateRange	Custom Date Range
GeneralEnquirySearch.DevelopmentType	Development Type
GeneralEnquirySearch.EnterAdvanced	Please fill in at least development type, street name, suburb or date.
GeneralEnquirySearch.EnterQuick	Start typing an application number or address or text to search within the application.
GeneralEnquirySearch.Quick	Search Text
GeneralEnquirySearch.QuickInstructions	Search for applications across main details.
GeneralEnquirySearch.QuickSearchInstructions	Use this option if you wish to perform the search for a nominated application. Start typing an application number or address or text. Enter at least 7 characters then wait and select the application number or address from the list displayed. Then click on the search button to start the search. The address won't appear in the results if there are no applications related to the property, or it has been entered incorrectly.
GeneralEnquirySearch.Status	Status
GeneralEnquirySearch.StreetName	Street Name
GeneralEnquirySearch.Suburb	Suburb

## ePathway Application Responses

Case:

UX Client

Work Item: 64124

ERS:

### CUSTOMER INITIATED APPLICATION RESPONSE TYPES

The ePathway Application Responses functionality has been enhanced to now allow Customer Initiated Objections and Further Information responses to be associated with multiple Response Types, thereby allowing the customer to choose from the nominated types via a drop-down, Image 1, before entering their free format text and attachments.

Application Response

Please supply the details requested below.

Application Response

Response Types 2 Object to Proposed Application

RFI Details\*

I object to the construction on my street based upon the inconsistent architecture ...  
Please see photos which clearly show the neighbourhoods vibe ....

Attachment Choose File Dont.jpg

Attachment Description Please don't

Attachment Choose File No file chosen

Attachment Description

Attachment Choose File No file chosen

Attachment Description

Previous
Next
Add More Attachments
View Attachments

Image 1

**NOTE:** No changes are required to retain existing behaviour, however, sites wishing to use the new features can configure as shown on the screen below.

### PARAMETER CHANGES

The new parameters, shown in Image 2, can be set for both:

- Customer initiated Objection responses: System Administration >> ePathway >> General Enquiry Parameters >> Applications Enquiry Parameters >> [Class] >> [Type] Response ... >> Further Information Response Type Maintenance.
- Customer initiated Further Information responses: System Administration >> ePathway >> General Enquiry Parameters >> Applications Enquiry Parameters >> [Class] >> [Type] Response >> Objection Response Type Maintenance.

**General Enquiry Response Maintenance** Save Undo Delete

Homepage / Applications Enquiry Parameters Options / General Enquiry Response Maintenance

### Class Details

Description  
BLDPLN - Building and Planning

### Application Type Details

Description  
AT1 - Application Type 1

### ePathway Response Details

RFI Response URL  
<http://auadwlg13v1/ePathway/Dev/Web/GeneralEnquiry/ExternalRequestBroker.aspx?Type=APPR>

Referral Response URL  
<http://auadwlg13v1/ePathway/Dev/Web/GeneralEnquiry/ExternalRequestBroker.aspx?Type=APPR>

Objection URL  
<http://auadwlg13v1/ePathway/Dev/Web/GeneralEnquiry/ExternalRequestBroker.aspx?Type=APPR>

User Registration URL  
<http://auadwlg13v1/ePathway/Dev/Web/Registration/Register.aspx>

Customer Initiated Further Info. Response Type  
OBJECTION - Object to Proposed Application  **Further Information Response Type Maintenance**

Objection Response Type  
COMMENT - Comment  **Objection Response Type Maintenance**

Image 2

**NOTE:** If no selections are made via the new options shown in Image 2, the existing single response type, shown to the left of the new options, will be editable and continue to be used against the customer initiated responses during entry (which is transparent to the user).

☰ Objection Response Maintenance
💾 Save ↶ Undo ⋮

Homepage / Applications Enquiry Parameters Options / General Enquiry Response Maintenance / **Objection Response Maintenance**

### Class Details

Description

BLDPLN - Building and Planning

### Application Type Details

Description

AT1 - Application Type 1

Available Response Types		Assigned Response Types		
Response Type	Description	Response Type	Description	Default
[A] ▾	<input type="text"/>	[A] ▾	<input type="text"/>	<input checked="" type="checkbox"/>
LONG	Appl. Letter Response (Long)	COMMENT	Comment	<input checked="" type="checkbox"/>
MED	Appl. Letter Response (Medium)	OBJECTION	Object to Proposed Application	<input type="checkbox"/>
SUPPORT	Support Proposed Application	SHORT	Appl. Letter Response (Short)	<input type="checkbox"/>

Image 3

**NOTE:** Image 3 shows one of the Response Types, COMMENT, marked as the default, which will then be preselected for the user during entry.

### RESPONSE ENTRY

The Response Type can be changed via the drop-down, Images 4 and 5.

The screenshot shows the 'Application Response' form. At the top, there is a blue header with the text 'Application Response'. Below the header, a message reads 'Please supply the details requested below.' The form is divided into several sections:

- Application Response:** This section contains a 'Response Type' dropdown menu currently set to 'Comment' and a large text area for 'RFI Details\*'. There is a small icon in the bottom right corner of the text area.
- Attachment:** This section contains three identical rows. Each row has a 'Choose File' button, the text 'No file chosen', and a small icon on the right.
- Attachment Description:** Below each 'Attachment' row is a text input field for the description.

At the bottom of the form, there are four buttons: 'Previous', 'Next', 'Add More Attachments', and 'View Attachments'.

Image 4

This screenshot is similar to Image 4, but the 'RFI Details\*' dropdown menu is open. The dropdown list shows the following options:

- Comment (highlighted)
- Object to Proposed Application
- Support Proposed Application

The rest of the form structure, including the 'Response Type' dropdown and the three 'Attachment' sections, remains the same as in Image 4.

Image 5

## Record Count

Case:  
UX Client

Work Item: 66048  
ERS:

### GENERAL ENQUIRY RECORD COUNT

A record count can be displayed on the data-grids within General Enquiry if the system parameter `GeneralEnquiry.DisplayGridRecordCount` has been enabled. This will then display the value, with text at the top right of the data-grid. The text can be altered using the `GeneralEnquiry.TotalResult`, singular and `GeneralEnquiry.TotalResults`, plural, `TextCodes`. This label can also be styled using the `GeneralEnquiryRecordCount` CSS Class.

## ePathway Licence General Enquiry Parameters

Case:  
UX Client

Work Item: 66868  
ERS:

### LICENCE ENQUIRY MENU

The System Menu >> System Administration >> ePathway >> General Enquiry Parameters >> Licensing Enquiry menu option has been updated to use Pathway UX user interface standards in most instances.

## ePathway Receipting

### ePathway Payments

Case: WAIK CS1215900, STHL CS1215936,  
INVC CS1221648, DUNE CS1224493, WAIK  
CS1230790  
UX Client

Work Item: 67302

ERS:

EPATHWAY NOW PASSES ON THE EMAIL ADDRESS TO THE PXPAY GATEWAY WHEN KNOWN

The Windcave PxPay payment system was recently changed by Windcave to enforce prompting or supply of an email address with payments. If not supplied to Windcave, the PxPay payment host page will prompt the customer for it in the payment details.

To avoid unnecessarily prompting, ePathway will now pass on the email address of the ePathway user, when known, to PxPay as part of the payment request. I.e. Registered Users will have their associated email address passed in and Public Users who have nominated an email address for their receipt, will also have that email address forwarded to PxPay to avoid having to enter it again.

# Infringements

## Infringement Type Parameters

Case: UX Client	Work Item: 59780 ERS:
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### LETTER TYPE SEARCH PROFILE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Letter Type menu options have been updated to use Pathway UX user interface standards.

**NOTE:** This results in the options being available in the Search Profile without having to perform a search which is a change to the previous behaviour.

## Infringement Maintenance

Case: MNSH CS0974768, KSTN CS1131205 UX Client	Work Item: 60059 ERS:
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### INTERNAL REVIEW REQUEST

The Paperclip option on the Internal Review Request will now work correctly.

## Global Infringement Parameter Maintenance

Case: UX Client	Work Item: 61805 ERS:
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### GLOBAL INFRINGEMENT PARAMETER MAINTENANCE

The Infringements >> Infringement Parameters >> Global Infringement Parameter Maintenance menu options have been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61807 ERS:
--------------------	--------------------------

### CORRESPONDENCE RECEIVED MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Infringement Type >> Correspondence Received menu options have been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61808 ERS:
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### INFRINGEMENT TYPE MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Infringement Type menu options have been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61809 ERS:
--------------------	--------------------------

### STATUS CODE MAINTENANCE

Rates Accounting >> Supplementary Rates >> Bulk Supplementary Creation >> 3 - VG Number Supplementary Maintenance menu options have been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61817 ERS:
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### COUNCIL AREA MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Council Area menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: KSTN CS0154809 UX Client	Work Item: 61820 ERS:
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### NOTIFICATION CODE MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Notification Code menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61824 ERS:
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### UNSERVED LETTER TYPE MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Unserved Letter Type menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61825 ERS:
--------------------	--------------------------

### EXEMPTION GROUP MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Exemption Group menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61841 ERS:
--------------------	--------------------------

### ANIMAL BREED CODE MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Animal Breed Code menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61842 ERS:
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### ANIMAL COLOUR MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Animal Colour Code menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61843 ERS:
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### ANIMAL GENDER MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Animal Gender Code menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61844 ERS:
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### NOTE TYPE MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Note Type menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 61846 ERS:
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### WITHDRAWAL REASON MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Withdrawal Reason menu option has been updated to use Pathway UX user interface standards.

## Letter Type

Case: UX Client	Work Item: 62959 ERS:
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### LETTER TYPE MAINTENANCE

Infringements >> Instalment Payment Plans >> Plan Parameters >> Letter Type menu options have been updated to use Pathway UX user interface standards.

## Status

Case: UX Client	Work Item: 62960 ERS:
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### INSTALMENT PLAN STATUS MAINTENANCE

Infringements >> Instalment Payment Plans >> Plan Parameters >> Status menu options have been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 62961 ERS:
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### STATE CODE SEARCH PROFILE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> State Code menu options have been updated to use Pathway UX user interface standards.

## Cycle Function Selection Interface

Case: COGC CS0266790, COGC CS1107546 UX Client	Work Item: 64220 ERS:
---	--------------------------

### COURT EXTRACT

#### **\*\* Queensland sites only \*\***

A change has been made to the field Debtor Identifier Type in the SPER Extract file. If an offender's address is in Queensland but the registration state of the vehicle is New South Wales, the Debtor Identifier Type will be set to ISLIC.

## Activity Entities

Case: UX Client	Work Item: 64704 ERS:
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### ACTIVITY ENTITY SEARCH PROFILE

The System Administration >> Infringements Parameters >> Activity Entities menu options have been updated to use Pathway UX user interface standards.

## Activity Types

Case: UX Client	Work Item: 64705 ERS:
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### ACTIVITY TYPES MAINTENANCE

The System Administration >> Infringements Parameters >> Activity Types menu option has been updated to use Pathway UX user interface standards.

## Additional Data Formats

Case: UX Client	Work Item: 64706 ERS:
--------------------	--------------------------

### ADDITIONAL DATA FORMATS MAINTENANCE

System Administration >> Infringements Parameters >> Additional Data Formats menu options have been updated to use Pathway UX user interface standards.

## Exemption Codes

Case: UX Client	Work Item: 64707 ERS:
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### EXEMPTION TYPE MAINTENANCE

The System Administration >> Infringements Parameters >> Exemption Codes menu option has been updated to use Pathway UX user interface standards.

## Fee Transactions

Case: UX Client	Work Item: 64708 ERS:
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### TRANSACTION TYPE MAINTENANCE

The System Administration >> Infringements Parameters >> Fee Transactions menu option has been updated to use Pathway UX user interface standards.

## Fee Types

Case: UX Client	Work Item: 64709 ERS:
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### FEE TYPES

The System Administration >> Infringements Parameters >> Fee Types menu option has been updated to use Pathway UX user interface standards.

## Infringement Formats

Case: UX Client	Work Item: 64710 ERS:
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### INFRINGEMENTMENT FORMAT MAINTENANCE

The System Administration >> Infringements Parameters >> Infringement Formats menu options have been updated to use Pathway UX user interface standards.

## Instalment Plan Activity Entity

Case: UX Client	Work Item: 64711 ERS:
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### INSTALMENT PLAN ACTIVITY ENTITY MAINTENANCE

The System Administration >> Infringements Parameters >> Instalment Plan Activity Entity menu option has been updated to use Pathway UX user interface standards.

## Instalment Plan Activity Type

Case: UX Client	Work Item: 64712 ERS:
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### INSTALMENT PLAN ACTIVITY TYPE MAINTENANCE

System Administration >> Infringements Parameters >> Instalment Plan Activity Type menu option has been updated to use Pathway UX user interface standards.

## Instalment Plan Status

Case: UX Client	Work Item: 64713 ERS:
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### INSTALMENT CATEGORY MAINTENANCE

The System Administration >> Infringements Parameters >> Instalment Plan Status menu option has been updated to use Pathway UX user interface standards.

## PERIN Extended Lodgement Reason

Case: UX Client	Work Item: 64714 ERS:
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### EXTENDED COURT LODGEMENT REASON MAINTENANCE

System Administration >> Infringements Parameters >> PERIN Extended Lodgement Reason menu options have been updated to use Pathway UX user interface standards.

## State Codes

Case: UX Client	Work Item: 64715 ERS:
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### STATE CODES MAINTENANCE

The System Administration >> Infringements Parameters >> State Codes menu option has been updated to use Pathway UX user interface standards.

## Status Types

Case: UX Client	Work Item: 64716 ERS:
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### STATUS TYPES MAINTENANCE

The System Administration >> Infringements Parameters >> Status Types menu option has been updated to use Pathway UX user interface standards.

## Summary Forms

Case: UX Client	Work Item: 64718 ERS:
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### SUMMARY FORMS MAINTENANCE

The System Administration >> Infringements Parameters >> Summary Forms menu option has been updated to use Pathway UX user interface standards.

## Plan Maintenance

Case: BALL CS0440919, MORE CS0758114, BALL CS1049469 UX Client	Work Item: 64895 ERS:
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### CONTACT LINK DISAPEARING

When an Instalment Plan is altered the Contact link will no longer be removed when in:

- Offence and Instalment Maintenance,
- Cashier Warning Maintenance, or
- Cancel Instalment Plan.

## Infringement Type Parameters

Case: MACK CS1073356  
UX Client

Work Item: 66848  
ERS:

### VEHICLE MAKE MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Vehicle Make menu options have been updated to use Pathway UX user interface standards. This resolves issues reported by customers such as not being able to export all records to Excel in a single export.

## Infringement Type Parameters

Case:  
UX Client

Work Item: 66885  
ERS:

### ID TYPE MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> ID Type menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case:  
UX Client

Work Item: 66887  
ERS:

### CASE RECORD NUMBER MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Case Record Number menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case:  
UX Client

Work Item: 66888  
ERS:

### COUNCIL WARD MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> N.Z. Council Ward menu options have been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case:  
UX Client

Work Item: 66889  
ERS:

### AREA MARKED MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Area Marked menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 66890 ERS:
--------------------	--------------------------

### CHALK MARK MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Chalk Mark menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 66892 ERS:
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### HOW PARKED MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> How Parked menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 66893 ERS:
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### METER/TIME COST MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Meter/Time Cost menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 66894 ERS:
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### SIDE OF STREET MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Side of Street menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: UX Client	Work Item: 66895 ERS:
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### TOWING FORMS

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Towing Company, Tow Yard Location and Type of Tow menu options have been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case: MACK CS1073356  
UX Client

Work Item: 66896  
ERS:

### VEHICLE FORMS

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Vehicle Type, Vehicle Make and Vehicle Colour menu options have been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case:  
UX Client

Work Item: 66897  
ERS:

### TRAFFIC CONDITIONS MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Traffic Conditions Code menu option has been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case:  
UX Client

Work Item: 66898  
ERS:

### LOCATION IDENTIFIER FORMS

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Location Identifiers, Location Identifier Types and Location Identifier Categories menu options have been updated to use Pathway UX user interface standards.

## Infringement Type Parameters

Case:  
UX Client

Work Item: 66901  
ERS:

### ISSUE METHOD MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Issue Method menu option has been updated to use Pathway UX user interface standards.

## Infringement Maintenance

Case: BALL CS0425469  
UX Client

Work Item: 67173  
ERS:

### CURRENT CONTACT

The navigation from the Current Contact summary part will now open a new window when required to maintain the navigability to the summary form.

## Infringement Maintenance

Case: BEND CS1153926  
UX Client

Work Item: 67196  
ERS:

### CURRENT CONTACT

A contact can now be overridden and an overriding address can be selected. This is when the infringement has a current contact and the user searches for a name to replace it.

# Inspections

## Inspections Maintenance

Case: SALS CS0878029, STHL CS0923737  
UX Client

Work Item: 66409  
ERS:

### AUTO CREATE NEXT INSPECTION

When an inspection is loaded from a dashboard chart and triggers the auto creation of the next inspection, it will now correctly open the new inspection record.

## Infringement Type Parameters

Case:  
UX Client

Work Item: 66891  
ERS:

### DOOR ENTERED MAINTENANCE

The Infringements >> Infringement Parameters >> Infringement Type Parameters >> Door Entered menu option has been updated to use Pathway UX user interface standards.

## Inspections Maintenance

Case: COGC CS1203793  
UX Client

Work Item: 67321  
ERS:

### INACTIVE QUESTION VALUES

Inactive Question Values will not display, unless they are the Answer to the existing viewed Question.

## Licensing

### Licensing Maintenance

Case: STHL CS1015413  
UX Client

Work Item: 64206  
ERS:

#### NEW LICENCE FEES MAINTENANCE

It is now possible to filter Licence Fees by Fee Type.

### Licensing Maintenance

Case: MARO CS0413169, BEND CS1209267  
UX Client

Work Item: 64921  
ERS:

#### DECISIONS MAINTENANCE

Previously, when the Under Appeal field was changed for an existing Decision, the Licence Status was not automatically changed to the Status as set in the Decision Parameter.

### Licensing Maintenance

Case: STHL CS0648247  
UX Client

Work Item: 65627  
ERS:

#### LICENCE SEARCH PROFILE

Previously, when a Profile was applied, the Display Order By and Sequenced By fields displayed the default values from the Licence System Parameter instead of the values from the Profile.

### Licensing Maintenance

Case: MACK CS0904695  
UX Client

Work Item: 66395  
ERS:

#### LICENSING SUMMARY

Previously, the label for Licensing Categories on the Licensing Summary incorrectly displayed the text Development Categories. This label has been changed to display the correct text of Licence Categories.

### Licensing Maintenance

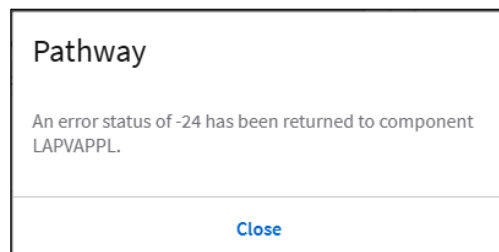
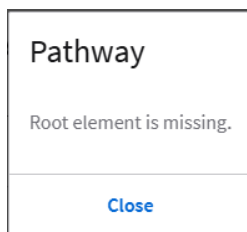
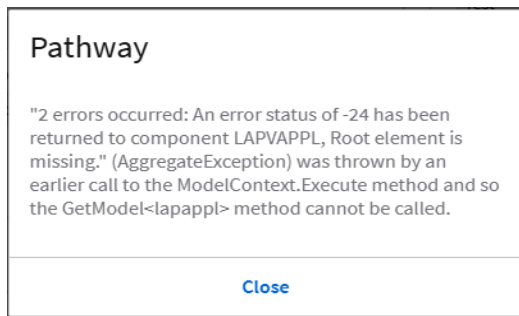
Case: CAMP CS1015356  
UX Client

Work Item: 66691  
ERS:

#### LICENSING SUMMARY

Previously, accessing a property from a licence and then accessing one of the licenses linked to the property would result in the wrong class being used. When accessing licensing details from either the Summary form options or directly from the Summary form, the form may have displayed and allowed

parameters from a different class to be selected, or the form may have failed to open with the following errors being displayed:



## Licensing Maintenance

Case: SYDN CS1057332, IPSW CS1073107  
UX Client

Work Item: 66790  
ERS:

### LICENCE FEES MAINTENANCE

When the Invoice Print or Lodgement Fees option is selected any changes to the fees will be saved before the option is executed, including during when used via workflow.

## Licensing Maintenance

Case: BALL CS1025767  
UX Client

Work Item: 67023  
ERS:

### ENFORCEMENT MAINTENANCE

Previously, it was not possible to link an Infringement to an Enforcement. When an Infringement was selected for linking, the busy indicator remained on the screen.

## Licensing Maintenance

Case: COGC CS1065613  
UX Client

Work Item: 67069  
ERS:

### DOCUMENT REQUEST MAINTENANCE

Extract list processing for the DEVCQUES (Development Category Questions) list has been corrected so that empty answers are considered non-answers when handling the Include Unanswered Questions filter option.

## Licensing Maintenance

Case: STHL CS1248522  
UX Client

Work Item: 67372  
ERS:

### LOCATIONS MAINTENANCE

Locations Maintenance will set the first location record as Primary if none has been set. This now requires data changes to be saved, if a primary location was not previously set. The following Script can be used to create a Query to be used for a chart to identify candidate records that do not have a Primary Property:

1. Create a LAPAPPL Query with a Group by of LAPCLASS - CLASS and Save.
2. Click on Advanced and override with the following SQL:

```
insert into CQYSLCT select distinct {{Query_Result_TPK}},
replace(replace(isnull(rtrim(LAPCLAS.CLASS), ''), '%', '%25'), ';', '%3b') + ';', LAPAPPL.TPKLAPAPPL
from LAPAPPL, LAPCLAS, LAPAPNO, LAPATYPE
where (LAPAPNO.TFKLAPAPPL = LAPAPPL.TPKLAPAPPL and LAPAPNO.TFKLAPATYPE =
LAPATYPE.TPKLAPATYPE and LAPCLAS.TPKLAPCLAS = LAPATYPE.TFKLAPCLAS)
and tfklapappl IN (select tfkappl FROM lparole WHERE fklparolta = 'LLC' and fklparoltn = 1)
and tfklapappl NOT IN (select tfkappl FROM lparole WHERE fklparolta = 'LLC' and fklparoltn = 1 and
primarypp = 1)
and LAPCLAS.classtype = 'L'
```

## Licensing Maintenance

Case: COGC CS1107124  
UX Client

Work Item: 67159  
ERS:

### RECEIPT MAINTENANCE

The navigation to a receipt from Licence Fee Maintenance will load in maintenance mode if a receipting draw has been signed on.

## Licensing Maintenance

Case: COGC CS1203793  
UX Client

Work Item: 67321  
ERS:

### INACTIVE QUESTION VALUES

Inactive Question Values will not display, unless they are the Answer to the existing viewed Question.

# Memos

## Maintain Memo Groups and Types

Case: SYDN CS0824408, SYDN CS0824445  
UX Client

Work Item: 60291  
ERS:

### MEMO TYPE MAINTENANCE

Formatting has been corrected so that Memo Type fields will not be displayed when there isn't a Memo Type. Also removed the collapsible section from Memo Type Maintenance, corrected the Urgent switch display and only allowed access to Linked Applications Maintenance for urgent memos via Links button, or double click on the data-grid record.

# Name and Address

## Name and Address Maintenance

Case: MARO CS0656864  
UX Client

Work Item: 65642  
ERS:

### DUPLICATE NAME CHECK

The Duplicate Name Check button will now work as expected when selecting a name returned by the Duplicate Name Check.

## External Data Validation

Case:  
UX Client

Work Item: 57200  
ERS: 79348

\*\*\* Authorised Function \*\*\*

**NOTE: Changes have been developed for the Pathway UX client only.**

Two new Authorised Functions have been added to enhance Pathway UX validation capabilities:

- E-mail Address Validation: Users can now configure External Data Validation (EDV) Products with Product Validation Usage of E-mail Address and associate this product to any communication type.
- Mobile Phone Validation: Users can now configure External Data Validation (EDV) Products with Product Validation Usage of Mobile Phone and associate this product to any communication type.

Authorised Function (2 results)					
Application	Description	Expiry Date	Access Code	Active	Status
[^] v CIF	[^] v Validation	=> d/MM/yyyy	[^] v p	<input type="checkbox"/>	
CIF	E-mail Address Validation			<input checked="" type="checkbox"/>	Authorised
CIF	Mobile Phone Validation			<input checked="" type="checkbox"/>	Authorised

Image 1 Authorised Functions

The configuration elements required are outlined below:

- System Administration >> Integration >> System Parameter Maintenance
- Name and Address Register >> Name and Address Parameters >> External Data Validation Product **OR** System Administration >> Integration >> External Data Validation >> External Data Validation Product
- Name and Address Register >> Name and Address Parameters >> Communication Type Parameters.

### Integration's System Parameter Maintenance

Via menu System Administration >> Integration >> System Parameter Maintenance.

Use the new Use Communication Details External Data Validation switch to enable / disable the external validation of the communication details if required. This setting is disabled by default, Image 2.

The screenshot shows the 'System Parameter Maintenance' web application. The header is blue with a hamburger menu icon and the text 'System Parameter Maintenance'. Below the header, there is a breadcrumb trail: 'Homepage / System Parameter Maintenance'. The main content area is divided into two columns. The left column is titled 'Options' and contains five text input fields, each with a 'Q' icon on the right. The labels for these fields are: 'Document Management Product', 'Accounts Receivable Product', 'Work Order Product', 'Delivery Point Identifier Product', and 'SMS Product'. Below these fields is a radio button labeled 'Use Communication Details External Data Validation'. The right column is titled 'Proxy Server' and contains a radio button labeled 'Use Proxy Server', followed by four text input fields labeled 'Server Name', 'User ID', 'Administrator', and 'Password'.

Image 2 System Parameter Maintenance

### External Data Validation Product Search Profile

Use External Data Validation Product Search Profile to search for the configured external data validation products and open maintenance.

You can search by: Name, Code, Description, Active, Auto Validation on Save, Validation Usage and the API Endpoint.

Two Validation Usage options are available:

- E-mail Address Validation
- Mobile Phone Validation

This can be accessed via two menu options:

- System Administration >> Integration >> External Data Validation >> External Data Validation Product
- Name and Address Register >> Name and Address Parameters >> External Data Validation Product.

The screenshot shows a web application interface for 'External Data Validation Product Search Profile'. At the top, there is a blue header with a menu icon, the title 'External Data Validation Product Search Profile', and action buttons for 'Search', 'Clear', 'New', and a three-dot menu. Below the header, a breadcrumb trail reads 'Homepage / External Data Validation Product Search Profile'. The main content area is titled 'External Data Validation Product' and contains several form fields: 'Product Code' and 'Product Name' (text inputs), 'Description' (text area), 'Active' and 'Auto Validation on Save' (dropdown menus, both set to '(All)'), 'Validation Usage' (dropdown menu, set to '(none)'), and 'API Endpoint' (text input with search, forward, and refresh icons).

Image 3 External Data Validation Product Search Profile

This image is a close-up of the 'Validation Usage' dropdown menu. The dropdown is open, showing the current selection '(none)' at the top. Below it, three other options are listed: '(none)', 'E-mail Address Validation', and 'Mobile Phone Validation'. The first '(none)' option is highlighted with a blue background.

Image 4 Validation Usage allowed values

**External Data Validation Product Maintenance**

Use External Data Validation Product Maintenance to add, update, or delete external data validation products. Field information:

Field Description	Information
Product Code	Mandatory and unique.
Product Name	User defined and 25 characters long.
Description	User defined and 50 characters long.
Active	Default value is False.
Auto Validation on Save	Default value is True.
Validation Usage	Allowed values: E-mail Address Validation and Mobile Phone Validation.
Validation Client	Read only and allowed values: <ul style="list-style-type: none"> <li>Experian E-mail Address Validation – Point to point integration client, only available for E-mail Address Validation usage.</li> <li>Experian Phone Number Validation – Point to point integration client, only available for Mobile Phone Validation usage.</li> </ul>
API Endpoint	Is a lookup field and mandatory.
API Endpoint Image	System provided
External Data Validation Product Configuration	List of Key and Value pairs that can be supplied as additional parameters. Currently only the parameters below are used with the Experian Phone Number Validation Client: <ul style="list-style-type: none"> <li>DEFAULTCOUNTRYISOCODE, Parameter key used to pass 3-letter ISO country code that will be used in validation if the phone number that is subject to validation doesn't contain a phone country code. The default value is (AUS).</li> <li>DEFAULTOUTPUTFORMAT, Parameter key for the desired format of the phone number: E164, PLUS_E164, NATIONAL, any 3-letter ISO country code. The default value of this setting is (PLUS_E164).</li> </ul>

Image 5 External Data Validation Product Maintenance

**Name and Address Register - Communication Type Maintenance**

Via menu Name and Address Register >> Name and Address Parameters >> Communication Type Parameters.

New fields have been introduced to support configuring data validation for a Communication Type when required. Use the new fields below to configure the data validation for a Communication Type when required:

- **Data Validation:**
  - Used to link a Data Validation Product to the Communication Type when validation is required.
  - Only External Data Validation Products with usage of E-mail Address Validation and Mobile Phone Validation will be available for selection.
  - Default value: Null.
- **Validation Severity:**
  - Define whether errors returned by External Data Validation will prevent the form being saved.
  - Allowed Values:
    - Null – (none)
    - E – Error
    - W – Warning.
  - Default Value: Null.
  - This field becomes enabled and mandatory when a Data Validation value is selected; otherwise, it is disabled and not mandatory.
  - Clearing the Data Validation field will automatically reset the Validation Severity to Null.

**NOTE:** Validation Severity is required because some returned errors do not necessarily make the value invalid. Examples include cases where the mailbox is disabled, full, or associated with a role-based account e.g. support, sales, info.

Communication Type	Applies To	Entry Format	Data Validation	Validation Severity	Active
<input type="checkbox"/> Contact E-mail	Person & Company	@*(.*)\.(.*)\.(.*)%@@*(.*)\.(.*)	EX-MAN - Manual Experian Em	WARNING	<input checked="" type="checkbox"/>
<input type="checkbox"/> Phone (Mobile & SMS)	Person & Company		EX-PHM - Experian Phone Num	ERROR	<input checked="" type="checkbox"/>
<input type="checkbox"/> MJ-Test-Email-EDV-Email	Person & Company	@*(.*)\.(.*)\.(.*)%@@*(.*)\.(.*)	EXP-EM - Experian Email Adr	ERROR	<input checked="" type="checkbox"/>
<input type="checkbox"/> Best Contact Date	Personal Name	DATE		(NONE)	<input checked="" type="checkbox"/>
<input type="checkbox"/> Business Phone Number	Person & Company			(NONE)	<input checked="" type="checkbox"/>
<input type="checkbox"/> CommNameSequence1	Person & Company			(NONE)	<input checked="" type="checkbox"/>

Image 6 Communication Type Maintenance

Product Code	Product Name	Description	Active
EX-MAN	Manual Experian Email Val	Manual Experian Email Validation	<input checked="" type="checkbox"/>
EX-PHM	Experian Phone Validation	Experian Phone Number Validation Product	<input checked="" type="checkbox"/>
EXP-EM	Experian Email Validation	Experian Email Address Validation Product	<input checked="" type="checkbox"/>

Page 1 of 1 | 25 records per page

Cancel | Apply

Image 7 Data Validation lookup

**Personal Name Maintenance and Company Name Maintenance**

Via menu Name and Address Register >> Name and Address Maintenance >> Name Search Profile > Select Name Type (Personal or Company) > Search.

Communication Details data validation will be performed on the Personal Name Maintenance and Company Name Maintenance. Only Communication Details records from a Communication Type linked to an active External Data Validation Product can be validated. Based on the External Data Validation Product configurations, there are two supported validation methods:

- Manual Validation, using a Validate button in the data-grid header.
- Automatic Validation, which validates the data on Save.

**Manual Validation**

Select a single Communication Details record and click the Validate button. The Validate button will only be enabled if the Validate on Save setting is not active for the External Data Validation Product linked to the Communication Type of this Communication Details record.

**Automatic Validation**

On Save, automatically validates the Description value using the linked External Data Validation Product. The Communication Details record will be validated only when all conditions below are met:

- The Communication Type of the Communication Details record has an active External Data Validation Product configured.
- Either:
  - The value of the Description field has changed, or
  - The value of the Description field has never been validated before.

**Tracking Validation Results**

Two new fields have been introduced to the Communication Details data-grid:

- Data Validation
- Validation Result, Image 8.

Communication Type	Description	Validation Result	Data Validation
MJ-Test-Email-EDV-Email - Person & Company	Test.Email.100@infor.com	Undetermined	
Contact Position - Person & Company	Office worker	Undetermined	
Phone (Mobile & SMS) - Person & Company	0433333333	Valid	

Image 8 Communication Details

**Data Validation Field**

Used to determine whether an External Data Validation Product is configured for the Communication Details record. When a product is linked, the field's Tooltip, Image 9, displays key information about the product such as: Code, Name, Active status, and the Auto Validation on Save flag.

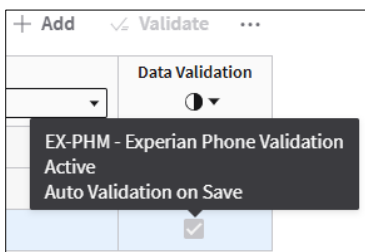


Image 9 Data Validation Field and Tooltip

**Validation Result Field**

Used to display previous validation results when available, in addition to the outcome of the latest manual or automatic validation performed by the user in the current session. The Validation Result allowed values are: Valid, Invalid and Undetermined. The field's Tooltip (Hover Text) displays more

information such as the confidence level and the message returned by the External Data Validation, Images 10, 11, 12, and 13.

Description	Validation Result	Data Validation
[A] <input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Test.email.100@infor.com	Undetermined	<input checked="" type="checkbox"/>
Office worker		<input type="checkbox"/>
0433333333	Valid	<input checked="" type="checkbox"/>

Image 10 Validation Result Field

Description	Validation Result	Data Validation
[A] <input type="text"/>		<input type="checkbox"/>
Test.email.100@infor.com		<input checked="" type="checkbox"/>
Office worker		<input type="checkbox"/>
0433333333	Valid	<input checked="" type="checkbox"/>

Valid, (+61433333333) Verified, Mobile - Number format validated and number verified. A phone number assigned to a Mobile Telephone Operator / Cell Phone Operator.

Image 11 Valid

Description	Validation Result	Data Validation
<input type="text"/>		<input type="checkbox"/>
test@gmailx.com	Invalid	<input checked="" type="checkbox"/>

Warning - invalid, The mailbox does not exist.

Image 12 Invalid

Description	Validation Result	Data Validation
[A] <input type="text"/>		<input type="checkbox"/>
Test.email.100@infor.com	Undetermined	<input checked="" type="checkbox"/>

Warning - Undetermined, The domain is accept-all, so the email address cannot be validated.

Image 13 Undetermined

**Validation Process**

When External Data Validation is performed in the current session, the validation outcome is assessed and mapped into one of the allowed Validation Results as follows:

Validation Result	Description
Valid	The value has passed validation; the field can be saved normally.
Invalid	The value has failed validation; in this case we consider the value of the Validation Severity setting of the Communication Type as follows: <ul style="list-style-type: none"> <li>• <b>Error</b> Validation Severity: The response will be displayed as an error; the field cannot be saved until the data is corrected.</li> <li>• <b>Warning</b> Validation Severity: The response will be displayed as a warning; the field can be saved as per normal.</li> <li>• <b>Null</b>: Validation Severity is not set, handle it same as the Error Validation Severity. This should never happen if the field is configured correctly.</li> </ul>
Undetermined	The returned response will be displayed to the user as a warning; the field can be saved normally. Sometimes the provider is unable to conclusively verify or invalidate the e-mail address. For example: Experian may return Undetermined when the request timed out due to the host domain not responding in time or when the validated e-mail address is a business e-mail address where they do not have permissions to query its E-mail Server.

For Manual Validation the results will be displayed directly in the data-grid using validation icons, Image 14.

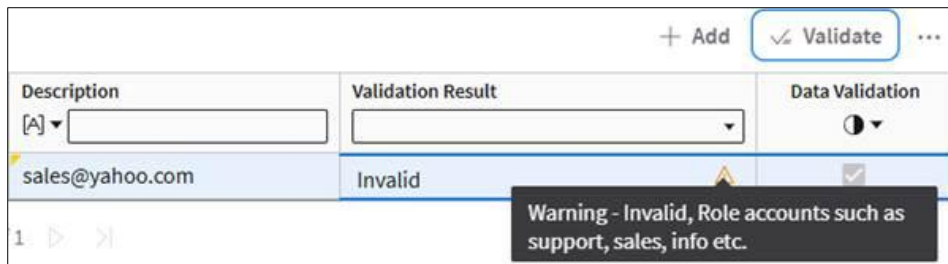


Image 14 Manual Validation

For Auto Validate on Save, the results will be displayed in a message dialog and when no errors exist, the form will Save and reload, Image 15.

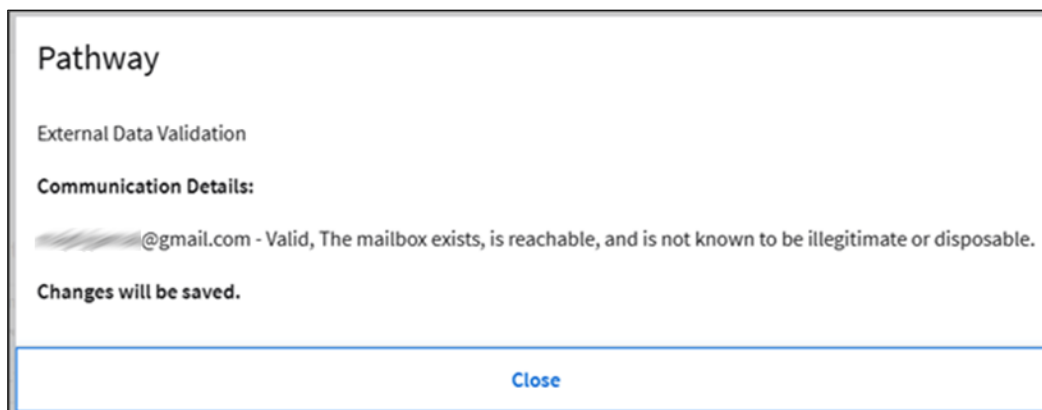


Image 15 Message dialog without errors

Otherwise, when errors exist, closing the message will display the validation results directly in the data-grid using validation icons, Images 16, 17, 18, 19 and 20.

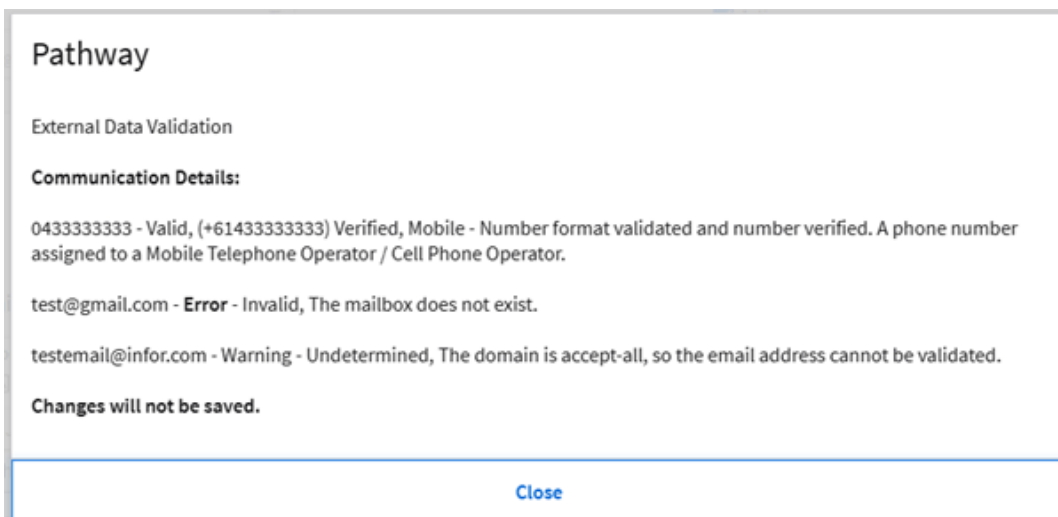


Image 16 Message dialog with error

Description	Validation Result		Data Validation
[A] <input type="text"/>	<input type="text"/>		<input type="checkbox"/>
test@gmail.com	Invalid		<input checked="" type="checkbox"/>
0433333333	Valid		<input checked="" type="checkbox"/>
testemail@infor.com	Undetermined		<input checked="" type="checkbox"/>

Image 17 Validation Icons

Invalid		<input checked="" type="checkbox"/>
Valid		<input checked="" type="checkbox"/>
Undetermined		<input checked="" type="checkbox"/>

Image 18 Error Tooltip

Undetermined		<input checked="" type="checkbox"/>
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Image 19 Undetermined Tooltip

Valid		<input checked="" type="checkbox"/>
Undetermined		<input checked="" type="checkbox"/>

Image 20 Valid Tooltip

EXPERIAN VALIDATION APIS SETUP

**API Endpoint Maintenance**

Via menu System Administration >> Integration >> API Endpoints >> API Endpoint Maintenance.

Configure new API Endpoint to be used to access Experian APIs as follows:  
 Endpoint Name (Example): Experian E-mail Address and Phone Number Validation  
 Description (Example): Used for the External Data Validation (EDV) with Experian APIs  
 Icon: Experian.

Endpoint URL:<https://api.experianaperture.io>  
 Pathway will automatically select the API based on the Validation Usage and Validation Client configured in the External Data Validation Product.

If you require to setup a separate endpoint per API, you can use the Endpoint URLs below:  
 For Experian Email Validation v2 API: <https://api.experianaperture.io/email/validate/v2>  
 For Experian Phone Validation v2 API: <https://api.experianaperture.io/phone/validate/v2>

Configure the Authentication Type and Request Headers as provided by Experian, for example:  
 Authentication Type: API Key  
 Request Headers: Configure the Auth-Token provided by Experian.

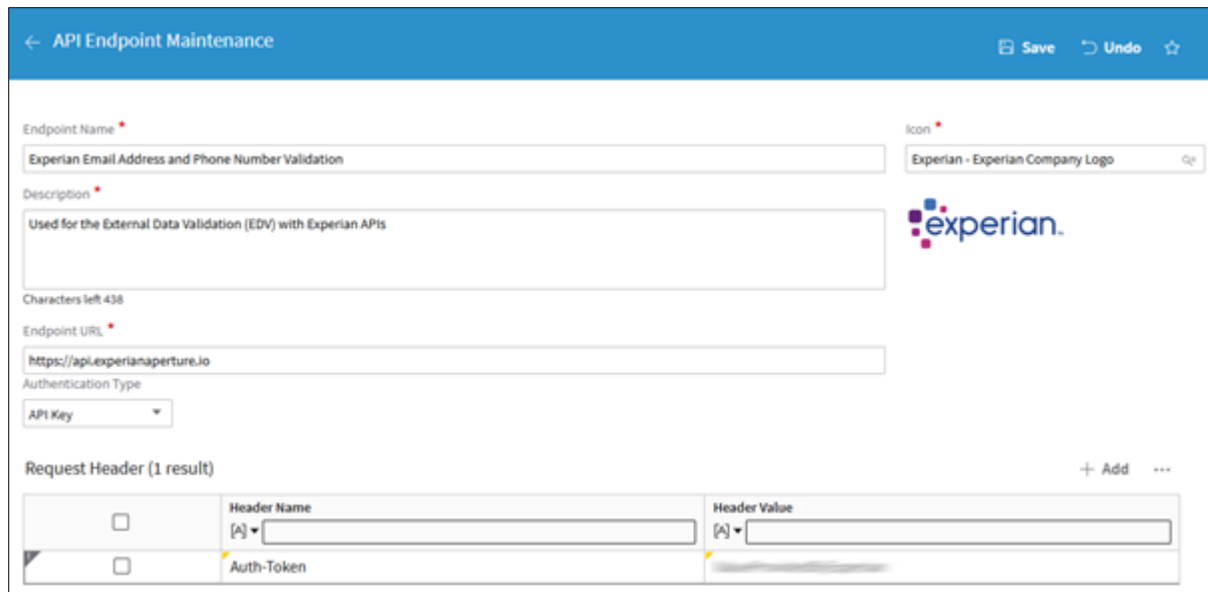


Image 21 API Endpoint Maintenance

**Experian E-mail Validation v2 API Responses**

If the HTTP status code of the response is 200, among other fields, the response body will contain confidence level and verbose details (see <https://docs.experianaperture.io/email-validation/experian-email-validation-v2/overview/confidence-level/>).

Confidence	Verbose	Description	
verified	verified	The mailbox exists, is reachable and is not known to be illegitimate or disposable.	
undeliverable	mailboxDisabled	The mailbox is disabled.	
	mailboxDoesNotExist	The mailbox does not exist.	
	mailboxFull	The mailbox is full.	
	syntaxFailure	The syntax of the specified e-mail address is incorrect.	
	internationalCharactersUnsupported	The domain does not support the use of international characters (e.g. á, é or ø).	
unreachable	unreachable	The domain is not responding to validation requests or does not have any active mail servers.	
	illegitimate	illegitimate	Seed, spamtrap, black hole, technical role account or inactive domain.
		roleAccount	Role accounts such as support, sales, info etc.
	typoDomain	The domain of the e-mail address you've provided was close to a common domain and, although it exists, it is highly unlikely to be correct.	
	localPartSpamTrap	Known local portions of the e-mail address that may indicate spam traps.	
	Profanity	The e-mail address contains profanity.	
	disposable	disposable	The domain is administered by a disposable e-mail provider e.g. Mailinator.
unknown	unknown	We were unable to conclusively verify or invalidate the e-mail address.	
	timeout	The request timed out due to the host domain not responding in time.	
	acceptAll	The domain is accept-all, so the e-mail address cannot be validated.	

Confidence	Verbose	Description
	relayDenied	The result was validated at the incorrect mail exchanger.
	BLANK	You are submitting requests at a faster rate than allowed by the e-mail service providers for the domains you are checking.

Pathway will map the confidence level to validation results as follows:

Pathway Validation Result	Experian Confidence Level
Valid	Verified
Undetermined	Unknown
Invalid	Undeliverable Unreachable Illegitimate Disposable

### Experian Phone Validation v2 API Responses

The outcome of the validation is returned in the confidence field, see <https://docs.experianaperture.io/phone-validation/experian-phone-validation/realtime-api-reference/realtime-phone-validation/#response>).

Confidence	Description
Verified	Number format validated and number verified.
Absent	Number format validated and number verified via network lookup but not currently available e.g. phone off, out of range.
Teleservice not provisioned	Number is assigned to a SIM card which is not allowed to make or receive telephone calls e.g. a data only SIM.
Unverified	Invalid number format supplied.
Unknown	Valid number format but not verified with network lookup.
No coverage	Unable to detect the live status for the telephone network.
Dead	Number has been confirmed to be dead by the network and will not receive calls or text messages.

Pathway will map the confidence value to validation results as follows:

Pathway Validation Result	Experian Confidence
Valid	Verified Absent
Undetermined	Unknown No Coverage
Invalid	Unverified Dead Teleservice not provisioned.

**NOTE: This function will be available only to sites who have the required authority. Contact your Account Manager if your site requires this function.**

## Property Administration

### Bulk Condition Update

Case: LOGA CS0054922, BELM CS0716439      Work Item: 61313  
UX Client      ERS:

#### BULK CONDITION UPDATE CONTROLS

The condition type lookups now include a condition group field that can be used to filter the results:

Property Administration >> Bulk Maintenance >> Bulk Parcel Condition Update  
Property Administration >> Bulk Maintenance >> Bulk Property Condition Update  
Property Administration >> Bulk Maintenance >> Bulk Title Condition Update.

### Property Maintenance

Case: FARN CS0520862, WTOR CS0835975,      Work Item: 65253  
STHL CS1115122  
UX Client      ERS:

TRANSFER OF OWNERSHIP SEARCH PROFILE (PROPERTY SEARCH)  
DIVISIONS SEARCH PROFILE  
SERVICES SEARCH PROFILE (PROPERTY SEARCH)  
QUERY RESULT SEARCH PROFILE  
ZONES SEARCH PROFILE (PROPERTY SEARCH)  
LAND USE SEARCH PROFILE (PROPERTY SEARCH)  
TITLE SEARCH PROFILE (PROPERTY SEARCH)

Previously, the Control Details Status drop-down was missing the option (All). The option is now available and the Status is (All) by default.

### Property Maintenance

Case: STHL CS1047098      Work Item: 66762  
UX Client      ERS:

#### PARCEL MAINTENANCE

Parcel Descriptor fields are now correctly included in Parcel Maintenance when the Parcel description is being dynamically generated. If Parcel descriptors were included within the format, the description may have displayed incorrectly within Parcel Maintenance.

### Property Maintenance

Case: KNOX CS1028192      Work Item: 66781  
UX Client      ERS:

#### PROPERTY CREATION WARNING MESSAGES

New property address validation warning messages will now be displayed correctly.

## Process External Transfers

Case: SYDN CS1104557  
UX Client

Work Item: 67085  
ERS:

### SORTING EXTERNAL TRANSFERS BY IMPORT SEQUENCE

A Sequence column has been added to External Transfer Batch Maintenance, to facilitate the sorting of External Transfer records by import sequence.

## Property Maintenance

Case: COGC CS1122974  
UX Client

Work Item: 67088  
ERS:

### DEFAULT FILTER

The data can now be navigated to by double-clicking on a record, instead of selecting the record and clicking on the Details button:

- Animals
- Applications
- Applications Affected Properties
- Applications Non-Cash
- Applications Permits and Certificates
- Infringements
- Land Uses
- Licensing
- Rates
- Trade Waste
- Valuation Mass Appraisal Data
- Water Billing
- Zones.

The following option menus have a data-grid where the default filter can now be unchecked and the correct data will be displayed:

- Applications
- Application Permit Certificates
- Licensing.

## Property Maintenance

Case: COGC CS1049581  
UX Client

Work Item: 67166  
ERS:

### PARCEL AUTHORISATION

If a User Account does not have Parcel Update Authorisation, Pathway will set the fields to read-only and not force any subsequent forms to load in enquiry mode.

## Division Maintenance

Case: COGC CS1263565  
UX Client

Work Item: 67446  
ERS:

### MAKE THIS PROPERTY HISTORIC

The Make this Property Historic function in Division Maintenance will now make all parcels within the property structure historic.

## Property Maintenance

Case: BEND CS1052105  
UX Client

Work Item: 66758  
ERS:

### RATES ROLE SELECTION

The labels for the buttons to add a rates assessment have been improved so it is clear they can be used to add an assessment to a property.

## Property Maintenance

Case:  
UX Client

Work Item: 67742  
ERS:

### PROPERTY MAINTENANCE

When Ward is nominated as mandatory, for properties in the Default Council, under menu Property Administration >> Property Parameters >> System Parameter Maintenance; Property Maintenance now correctly requires a Ward to be entered when creating new properties in the Default Council.

# Rates Accounting

## Various Rates Functions

Case: MNSH CS0043279  
UX Client

Work Item: 57255  
ERS:

RATES RECEIPT ALLOCATION LINE PROCESSING  
SUPPLEMENTARY RATES GENERATION  
SUPPLEMENTARY RATES GENERATION UPDATE

Changes have been made to improve Rates functions, removing the dependence on the Assessment Number table LRAASSN and thereby avoid problems which can occur if the data in that table is not as expected.

## Assessment Maintenance

Case: STHL CS0264681  
UX Client

Work Item: 64333  
ERS:

DIRECT DEBIT MAINTENANCE

Previously, when a Direct Debit was created and the Direct Debit Type had the Override Interest Date ON in the Direct Debit Type parameter, the Current, Current Arrears and Arrears Interest Override Dates on the Assessment were not being updated with the dates defined in the parameter.

Also, the Interest Override Dates that were applied from the Direct Debit Type, should be removed when a Direct Debit is archived.

## Rates Prediction

Case:  
UX Client

Work Item: 65242  
ERS:

TEST SET RATE TYPE MAINTENANCE

Improvements have been made to Test Set Rate Type Maintenance:

- The grid now includes columns for the Rate Type Code and Additional Charge, along with a column indicating whether the Rate Type has Tiers.
- The form now utilises the full screen width.

Improvements have been made to Test Set Rate Type Details Maintenance, which is accessed via the Details button:

- The Tiers grid (if applicable) has been incorporated into the form instead of being on a separate form.
- The form now opens in a window and has been updated to use the latest Pathway UX user interface standards.

## Agent's Rates Schedule

Case: MARO CS0629364, WODO CS1044188 UX Client	Work Item: 65599 ERS:
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### AGENT'S RATES SCHEDULE

Previously, the Agent's Rates Schedule Report was not showing a breakdown of charges where applicable and the transaction's name was incorrect.

## Assessment Maintenance

Case: STHL CS0603181, SHIL CS0986563 UX Client	Work Item: 65697 ERS:
---	--------------------------

### DIRECT DEBIT MAINTENANCE

Previously, when navigating to Direct Debit Maintenance, a validation error was incorrectly displayed for the Generation Run and it was not possible to Archive the Direct Debit.

Also, when the menu options are greyed out, they will no longer be available for selection.

## Assessment Maintenance

Case: WODO CS0924321, MNSH CS1148052 UX Client	Work Item: 66416 ERS:
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### ONLINE FINE GENERATION

Previously, when performing Online Fine Generation for Rates, Special Rate/Charge or Water Billing Assessments, the Number of Days to Consider field was not displayed when the Allow nomination of Number of Days was checked ON in the Rates/Water Billing System Parameters. Instead, the Number of Grace Days field was incorrectly displayed.

## Assessment Maintenance

Case: UX Client	Work Item: 66522 ERS:
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### DATA-GRID SESSION SETTINGS

Data-grids have been enhanced so that column order, widths, sorting and page size will be saved within the browser's session. This enables the data-grid to be set once and then have those custom settings applied whenever the menu is opened. The data-grid can be reset with the Reset to Default option or logging off the UX Pathway session. These changes apply to:

- Transaction Summary
- Transaction Maintenance.

## Transaction Type Maintenance

Case: LATR CS0981279  
UX Client

Work Item: 66653  
ERS:

### ACCOUNTS

When saving a new Transaction Type, navigation will now automatically go to Options - Accounts if values have not been entered.

## Assessment Maintenance

Case:  
UX Client

Work Item: 66746  
ERS:

### ACTIVITY MAINTENANCE

Rates Activity Maintenance has been modified to display the Activities in descending Date Added order. By default, expired Activities will not be displayed. Expired Activities can now be displayed or hidden by using the new Show/Hide Expired data-grid buttons

## 3 - VG Number Supplementary Maintenance

Case: SYDN CS0892089, SYDN CS1070277,  
SYDN CS1076163  
UX Client

Work Item: 66902  
ERS:

### VG SUPPLEMENTARY RATE SEARCH PROFILE

VG Supplementary Maintenance has been updated to use the latest Pathway UX user interface standards.

## 4 - Payment Check Update

Case: BALL CS0503826, WHIT CS1185100,  
KSTN CS1209222, KNOX CS1228154  
UX Client

Work Item: 67280  
ERS:

### PAYMENT CHECK GENERATION UPDATE CONTROL

Previously, if the Payment Check Generation job was submitted with Tracking details (such as an Add Activity and/or Select Activities conditions), then the Payment Check Generation Update Control error **hexadecimal value 0x15, is an invalid character** would occur when attempting to submit the job.

## Journal Entry

Case: NILL CS0957881  
UX Client

Work Item: 67322  
ERS:

### TRANSACTION ENTRY

Previously, when a reversal was being entered the Installable and Instalment controls were not always being set and/or enabled correctly based on the instalment related details of the transaction being reversed. This could have led to the corruption of the Instalments on an Assessment.

## Housing Notice Extract

Case: GLAD CS1203626  
UX and Smart Clients

Work Item: 67349  
ERS:

### HOUSING NOTICE EXTRACT CONTROL

Modifications have been made that apply only when the Notice Extract Format is set to QLD (Department of Housing) in Rates Accounting >> Parameters >> System Parameter Maintenance >> options menu More.

1. A change has been made to the conditions that determine which two of the Total, Nett, Credit Total and Credit Nett (TOT, NET, CTT and CNT) amounts are included in the extract file for a given Assessment, as per changed requirements detailed in the Format Specification for Electronic Rates Files Version 3.0 issued by the Queensland Department of Housing and Public Works.
2. A correction has been made to the handling of receipt amounts that have rolled forward from a prior Rating Period, when the Consider rolled transactions as Arrears control form option is turned on. Previously, these amounts were being included in the Arrears (ARR) amount which meant the Arrears amount could be negative. This was incorrect because the Arrears amount should only ever be positive. This has now been corrected, so that in this situation the receipt amount is instead included in the Credit (CRE) amount, as per advice from the Queensland Department of Housing and Public Works via Gladstone City Council.

## Assessment Maintenance

Case: LAKE CS0540413, STHL CS0850396  
UX Client

Work Item: 60850  
ERS:

### ASSESSMENT SUMMARY

A badge is no longer displayed on the Delete Assessment option because deletions are very rarely performed or possible.

## Receipting

### Receipt Entry

Case: MNSH CS0043279  
UX Client

Work Item: 57255  
ERS:

#### ALLOCATION LINE PROCESSING

Changes have been made to improve Rates functions, removing the dependence on the Assessment Number table LRAASSN and thereby avoid problems which can occur if the data in that table is not as expected.

### Receipt Entry

Case: SWAN CS0328982, WODO CS0578871  
UX Client

Work Item: 64655  
ERS:

#### SUSPENDED RECEIPTS

When Receipt Entry loads, it will no longer select a suspended receipt but instead will display a new receipt. The suspended receipt will need to be manually selected and when it is, it will show a warning message that the receipt is suspended. This makes it clear whether a new or suspended receipt has been selected.

### Receipt Maintenance

Case: MNSH CS0883912, COGC CS1136464  
UX Client

Work Item: 66641  
ERS:

#### TRANSFER BANKED RECEIPTS

A User Account no longer requires the Reverse Banked Receipts security authorisation to transfer a receipt that has a Banked status.

**NOTE:** Please review your Receipting Module Security to ensure User Accounts only have access to the specific security needed to complete their required Pathway tasks.

### Receipt Entry

Case: WODO CS1054912  
UX Client

Work Item: 66830  
ERS:

#### EFTPOS TRANSACTION PROCESSING

Connectivity issues could result in unnecessary PIN Pad Pairing Requests.

## Receipt Entry

Case: WODO CS0912560  
UX Client

Work Item: 67142  
ERS:

### EFTPOS TRANSACTION PROCESSING

Reprint button to allow the reprint of the most recent Receipt for the paired PIN pad has been enabled.

# References

## References

Case: TOOW CS0038030  
UX Client

Work Item: 61017  
ERS:

### REFERENCE NUMBER FIELD

The reference number field will display the value correctly and not escape any special characters, for example, apostrophe as &APOS: or & as &AMP;.

## References

Case: TOOW CS0043471  
UX Client

Work Item: 61143  
ERS:

### REFERENCE TYPE MAINTENANCE

A button to allow resequencing by Reference Type has been added to Reference Type Maintenance, for Applications, Bookings, Infringements and Licensing to bring these modules into line with other modules.

The following have been updated to use Pathway UX user interface standards:

- Applications >> Application Parameters >> Reference Type Maintenance.
- Bookings Management >> Bookings Management Parameters >> Class Parameters >> Reference Type Maintenance.
- Infringements >> Infringement Parameters >> Infringement Type Parameters >> Reference Type Maintenance.
- Licensing >> Licensing Parameters >> Reference Type Maintenance.

# Registers

## Register Entry Maintenance

Case: MACK CS0886148  
UX Client

Work Item: 66315  
ERS:

### SEARCH FIELDS

It is now possible to enter text into a text field and press Enter while still in the field, to start the search, removing the need to tab out of the field before pressing Enter.

# Smart Mobile CityWatch

## CityWatch

Case: IPSW 16965717  
UX Client

Work Item: 59978  
ERS:

### BOOKINGS ATTACHMENTS

The Bookings Attachment button will disappear (hide) if a negative value is set for the maxAttachments in the config.js file, so that it is not available for use until the value is corrected.

# Smart Mobile Inspections

## Smart Mobile Preferences

Case: CAMP CS1054803  
UX Client

Work Item: 66783  
ERS:

### INSPECTION LETTER PREFERENCES

The selection lists on Inspection letter preferences have been corrected so all items will be displayed when using the Versions theme of New in User Settings.

## Smart Mobile

Case: WODO CS0713694  
UX Client

Work Item: 65914  
ERS:

### PASSWORD FIELD

The Password field will display the case of the typed characters if the device/browser allows password fields to be displayed.

## Smart Mobile

Case: RRC CS0980690  
UX Client

Work Item: 67281  
ERS:

### TRACE INFORMATION

Trace information is no longer visible on the Settings page but can still be emailed from the page after a login. The client will no longer show the information unless the TRACE value is set within the config.js file.

# Trade Waste

## Assessment Maintenance

Case: LAKE CS0540413, STHL CS0850396  
UX Client

Work Item: 60850  
ERS:

### ASSESSMENT SUMMARY

A badge is no longer displayed on the Delete Assessment option because deletions are very rarely performed or possible.

# Valuations

## VG Number Update

Case: LATR CS0986517, KSTN CS0986572, COGC CS1269168 UX Client	Work Item: 47821 ERS:
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### VG NUMBER UPDATE CONTROL

Modifications have been made to the VG Number Update as follows:

- Previously, the prompt Data from a previous import exists which was not fully updated, are you sure you want to import new data? did not appear when submitting the job and existing import data was present. Replying:
  - Yes, to this message will clear any existing import data before importing new data.
  - No will not submit the job.
- The import has been enhanced to cater for numeric fields being imported as formatted string values enclosed in double quotation marks and containing a dollar sign and thousand separators e.g. \$1,234,567.
- Previously, after a file was imported as Report Only it was not possible to then run the job as Update or Update and Report because an Import File was mandatory.

# Water Billing

## Assessment Maintenance

Case: WELL CS0036482, STHL CS0904758  
UX Client

Work Item: 56638  
ERS:

### LETTERS

**NOTE:** Only applies to sites that have Use Separate Assessments Rates System Parameter set on.

For Water Billing Assessments, the Assessment Summary Letters option has now been corrected to only show and allow creation of Document Requests for Water Billing Letter Merge Types if the Water Billing Application is set up to use the Generic EDMS Connector in Word Processing >> Word Processing Parameters >> Product Application Maintenance.

In any other scenario the Letters option will only show and allow creation of Document Requests for Rates Letter Merge Types.

## Assessment Maintenance

Case: LAKE CS0540413, STHL CS0850396  
UX Client

Work Item: 60850  
ERS:

### ASSESSMENT SUMMARY

A badge is no longer displayed on the Delete Assessment option because deletions are very rarely performed or possible.

# Word Processing

## Word Processing

Case: MNVL CS0755410, WAVE CS0758141, SHIL CS0900078 UX Client	Work Item: 58996 ERS:
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### DOCUMENT REQUEST MAINTENANCE

Document Request Maintenance has been modified to improve the performance of document generation. Multiple documents are now processed concurrently; however documents will be printed one at a time, so they are printed in the order displayed.

## Assessment Maintenance

Case: UX Client	Work Item: 64329 ERS:
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### DOCUMENT REQUEST MAINTENANCE

Previously, Rates Arrangement to Pay letters displayed an error when a new document was being generated and it was not possible to create the letter.

## Property Maintenance

Case: KSTN CS0485629, LIVE CS0531287, SYDN CS1269048 UX Client	Work Item: 65084 ERS:
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### DOCUMENT REQUEST SEARCH PROFILE (PROPERTY SEARCH)

Searching for a Property via the Certificates and Notices or Notices and Certificates options will now load the first result correctly.

## Letter Extract

Case: MARO CS0954836 UX Client	Work Item: 66516 ERS:
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### INSPECT EXTRACT LIST TYPE

The additional filters on the INSPECT extract list type will now save the Latest Inspection Only checkbox correctly.

## Property Maintenance

Case: LAKE CS1015253 UX Client	Work Item: 66689 ERS:
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### LETTERS SEND

The Letters Send function used on a Name will now work correctly when the Name contains an ampersand (&).

# Workflow

## Application Maintenance

Case: LAKE CS1049491, BEND CS1209189  
UX Client

Work Item: 67040  
ERS:

CHECK O/S FEES  
OUTSTANDING FEES

In Workflow it was possible to complete a user action with the following System Actions, although the User Account was not assigned in the user action security:

- CFO - Check Outstanding Fees
- CCFO - Check Outstanding Contribution Fees.

If there are outstanding fees against an Application or Licence, a message is now displayed when the Save and Complete or Cancel and Complete is selected and only User Accounts assigned in the user action security can complete the action.

**NOTE:** In Pathway UX, the Close button is replaced with the Save and Complete button.