

Pathway

SPRINT NOTES

2024.01

infor

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Pathway Sprint 2024.01

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Introduction

This document describes the Fixes and Software Corrections made in Sprint 2024.01 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 documentation is now contained in the following documents:

- Infor Pathway Sprint Notes 2024.01
- Infor Pathway Sprint Notes Summary 2024.01.xlsx

If there are no details under any of these headings for a particular module, then that module will be omitted entirely.

Online Help

Help documents can be accessed from within the Pathway UX Client by going to My Account >> Help.

This will take you to the Infor Documentation page.

Click on the title **Infor Pathway UX User and Administration Documentation Library (Cloud and On-Premises)**.

Help is split between Administrator and User Topics. Modules can be accessed from the Administrator and User headings.

System - Functionality

Customer Type Maintenance

Incident: HORN 16156780 UX Client	Work Item: 57491 KB:	Fix: 03107777, 04007779 ERS:
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TYPE FUNCTION TYPE MAINTENANCE

The following forms have been updated to use the latest Pathway UX user interface standards.

- ePathway Type and Customer Type
- Application Type Function Type Maintenance
- Merge Type Function Type Maintenance
- Customer Request Customer Function Type Maintenance
- List Type Customer Function Type Maintenance
- Licence Type Customer Type Maintenance
- User Type Payment Types

The following applies when maintaining the Types for the Customer Type ePathway Customer Request Function.

If the Request/Enquiry value is changed for a Type that was already assigned, the new value will be applied to the value on Customer Profiles that already have that Type assigned. If you wish to apply (overwrite) these Customer Profiles with the new value, the Type will need to be de-assigned from the Customer Type ePathway Customer Request Function, and then reassigned.

A similar situation will apply when maintaining the Types for the Customer Type ePathway Payment Infringements Function when maintaining the Advanced Search flag.

Customer Type Maintenance

Incident: HORN 16156780 UX Client	Work Item: 57492 KB:	Fix: 03107777, 04007779 ERS:
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CUSTOMER TYPE FUNCTIONS

When allocating a Customer Type Function to all Customer Profiles, the changes were not exported to ePathway.

User Maintenance

Incident: UX Client	Work Item: 62320 KB:	Fix: 04007779 ERS:
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The User Maintenance form will now reload a new User record correctly. Previously the record was saved correctly but failed to load the form after the save.

Checkbox

Incident: TOOW 16639168 UX Client	Work Item: 62229 KB:	Fix: ERS:
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The alignment of the checkbox when using the classic version with compact mode has been corrected so that the bottom border is no longer missing.

Import/Export Forms

Incident: WAIK 16531285 UX Client	Work Item: 58679 KB:	Fix: ERS:
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IMPORT/EXPORT FORM PROFILES

The Import/Export forms for the following menu options now have independent Profiles.

- Accounts Receivable Interface >> Debtor Import
- Accounts Receivable Interface >> Transaction Export Recovery
- Animal Registration >> Animal Parameters >> NZ National Dog Database Parameters >> NZ National Dog Database Bulk Import
- General Ledger Interface >> Account Import
- General Ledger Interface >> Bank Deposit Export Recovery
- General Ledger Interface >> Project Code Import
- General Ledger Interface >> Transaction Export Recovery
- Inspections >> Inspection Area Import
- Property Administration >> Bulk Maintenance >> Flood Details Import
- Property Administration >> Bulk Maintenance >> Property Rating Treatment Import
- Query >> Export Entity Control
- Receiving >> Batch Functions >> Bank/Branch Import

NOTE that as part of this change any existing Profiles have been removed and will need to be manually re-entered.

Dark Mode

Incident: TOOW 17541898, MELV 17550451, SWAN 17581788 UX Client	Work Item: 61438 KB:	Fix: 04007779 ERS:
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The selection highlight colour has been changed to a lighter colour so that it is visible when selecting text in a read-only field.

Name and Address Maintenance

Incident: UX Client	Work Item: 61629 KB:	Fix: 04007779 ERS:
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SEND ATTACHMENTS

A correction has been made to Send Attachments. The Preview button now shows the busy indicator and successfully displays a preview of the selected E-mail Template.

Selector Control

Incident: UX Client	Work Item: 62107 KB:	Fix: 04007779 ERS:
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The selector control has been corrected so that the text does not display under the magnifying glass icon.

Portal

Incident: IPSW 17437316, TOOW 17546638, SWAN 17577593, HORN 17797161, ATA 17863705, MARO 18034393 UX Client	Work Item: 62354 KB:	Fix: ERS:
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PORTAL MENU OPTION TIMEOUT

Previously the Portal Server service could crash unpredictably, resulting in portal menu options not loading, and instead continually displaying the "Loading" animation (and eventually timing out). This was due to a resource leak in the Portal Server service that has now been corrected.

Back Profile

Incident: MELB 17815868 UX Client	Work Item: 62453 KB:	Fix: 04007779 ERS:
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The back profile is used to retain the values of a search so that the search is displayed as entered when the user returns from the search results. This has been corrected so this takes precedence over any other data passed to the form.

Error Handling

Incident: TOOW 17883578 UX Client	Work Item: 62469 KB:	Fix: 03107778, 04007779 ERS:
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The error handling within Pathway UX has been improved to prevent an issue that would cause an infinite loop when attempting to display an error to the end user. This loop would cause one of the worker processes (w3wp.exe) on the server to crash. If this issue happens often enough within a short period it could cause Pathway UX to become slow or unresponsive.

ION Parameters

Incident: UX Client	Work Item: 62754 KB:	Fix: ERS:
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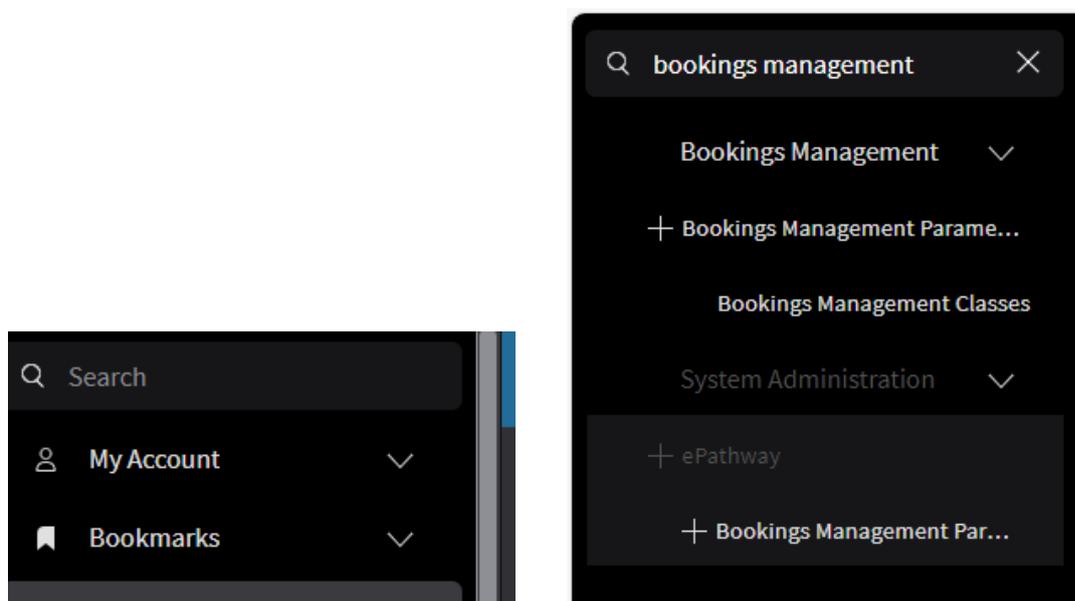
ION PARAMETER MAINTNEANCE

The Deploy Business Events option has been corrected for Business Object Definition entities with a Row Created event and/or a Row Deleted event and one or more Field Updated events. Prior to this correction the Deploy Business Events option failed to record the specific Field Updated events which could result in Pathway failing to submit a job to the ION Background Job Queue upon the update of a specifically nominated database columns.

Menu

Incident: UX Client	Work Item: 62173 KB:	Fix: ERS:
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A search field has been added to the top of the Menu, above My Account, to enable Menu searching.



The search feature is a permanent feature and is just a filter on the accordion items (Bookmarks, My Roles and menu nodes) and displays just the ones that contain the search term (full or partial searching available). It will only display the search results across the user's visible menu group and does allow partial text searching. It is only a simple search feature and does not allow complex searching.

Paperclip Attachments

Incident: TOOW 17198671 UX Client	Work Item: 61679 KB:	Fix: 04007779 ERS:
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ADD ATTACHMENTS VIA SUMMARY FORM

When Paperclip Attachments are added via drag and drop in a Summary form, the attachment details are displayed to indicate the file has been uploaded successfully and created as an attachment. The X button has caused confusion for some users. Using this button removes the details from the Summary form it does not delete the attachment from Paperclip Attachments. To assist with the confusion, an explanation will appear when the X button is used.

Reports

Incident: TOOW 16930294	Work Item: 60021	Fix: 04007779
UX Client	KB:	ERS:

Downloading Reports will no longer apply additional formatting to reduce the white space within the file.

Security

Incident:	Work Item: 62409	Fix:
UX Client	KB:	ERS:

Additional validation has been added to prevent XSS and Redirection to Untrusted Site ('Open Redirect'). This may cause links to open outside the main browser window.

This means that navigation is validated against the current URL, Pathway UX.
The validation can take two different types of action:

- If safe it will open the new URL in a separate browser tab titled 'about:blank'.
- If unsafe nothing visible happens for the UX user as the validation has failed and a new browser tab has been stopped from opening. A trace file will show this event has happened.

Safe actions might be:

1. a link out from Pathway UX to a custom menu item such as:
 - Crystal Reports.
 - Infomart Excel Reports.
 - document management system.
2. where the URL differs from the main window such as:
 - when Word opens to generate, view, or edit a document.
 - a Paperclip attachment opens an Excel file.
 - Registers opens a picture.

Unsafe action might be a link trying to run java script, known as cross site scripting.

Pathway UX External Web Services API

Incident:	Work Item: 62462	Fix:
UX Client	KB:	ERS:

The Pathway UX External Web Services API endpoint will not resolve any XML entity external references. This is to prevent an XML External Entity (XXE) attack.

More information can be found at CWE-611: Improper Restriction of XML External Entity Reference, <https://cwe.mitre.org/data/definitions/611.html>

The link contains information about the potential weakness and some possible examples. It has been mitigated even though the issue was not replicated within Pathway UX.

Animal Registration

Animal Registration Batch Processing

Incident: MCKY 16713425
UX Client

Work Item: 59241
KB:

Fix: 04007779
ERS:

EPATHWAY AND PATHWAY BULK ANIMAL DISC ALLOCATION

Bulk Disc Allocation for ePathway and Pathway animal registrations was only checking for duplicate disc numbers for animals already marked as registered. This has been changed to be consistent with Animal Registration Maintenance.

Animal Maintenance

Incident: TOOW 17637976
UX Client

Work Item: 61708
KB:

Fix:
ERS:

ADJUSTMENT ENTRY

After saving, Adjustment Entry will now close and return to Animal Registration Maintenance.

Applications

Application Maintenance

Incident: UX Client	Work Item: 56825 KB:	Fix: 04007779 ERS:
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APPLICATION FEES MAINTENANCE

A correction has been made to Application Fees Maintenance. Previously, when the "Debtors Transaction Generation" option was used to transfer a fee to Debtors a message "Amount did not match the rounding value" would be displayed if the fee amount did not conform to the rounding parameters specified in the Debtors module. This has been changed so that the message is no longer displayed, and fees of any amount can be transferred to Debtors regardless of whether the amount matches the Debtors rounding parameters.

Application Maintenance

Incident: UX Client	Work Item: 61051 KB:	Fix: 04007779 ERS:
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AFFECTED PROPERTIES MAINTENANCE

The correct role type is now displayed in the Affected Properties Role Type column.

Application Parameters

Incident: TOOW 17325266 UX Client	Work Item: 61266 KB:	Fix: 04007779 ERS:
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FEE SCHEDULE

Viewing Fee Schedules via a Regime will now filter the data correctly. The form has also been updated so it will display correctly for a Regime.

Application Maintenance

Incident: UX Client	Work Item: 61290 KB:	Fix: ERS:
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APPLICATION SUMMARY - INSPECTIONS

With the Secured flag is set in the Inspections Parameters, access to the Inspections Option from the Application Summary form will no longer be allowed to users who are not listed as an Authorised User.

← Access Denied
...

i You do not have the required authority to perform this function.

Details

The function you have attempted is a secured function. You do not currently have authority to this function. Inform your System Administrator if you require authorisation.

Profiles

Incident: TOOW 17619321 UX Client	Work Item: 61673 KB:	Fix: 04007779 ERS:
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The Back Profile is saved with additional attributes to differentiate when the same search form is more than once within a navigation. An example is Related Applications as the Application Search Profile can be used more than once for an application class.

Decisions Maintenance

Incident: ACC 17138662, TOOW 17667937, BEND 17710577 UX Client	Work Item: 61771 KB:	Fix: 03107780, 04007779 ERS:
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A change has been made to the Decision Maintenance form to accurately verify that any created Decision is correct for the Application or Licence Class for which it is being created.

History Take Up

Incident: TOOW 17619392 UX Client	Work Item: 61849 KB:	Fix: 04007779 ERS:
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APPLICATION HISTORY TAKE-UP

It is now possible to enter the Location into the Primary Location field and once a Primary Location has been selected, the Location Type is no longer enabled.

Application Maintenance

Incident: STHL 17611668 UX Client	Work Item: 61867 KB:	Fix: 04007779 ERS:
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TIMESHEET FEE ADJUSTMENT

A correction has been made to the Time Adjustment Maintenance form. Previously, the application fee was not being adjusted when the time was changed.

Application Maintenance

Incident: UX Client	Work Item: 62232 KB:	Fix: 04007779 ERS:
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PPARS MAINTENANCE

When selecting the "Send to PPARS" option, Pathway validation is now performed prior to initiating the sending of data, and the process is halted if the application is not successfully validated.

History Take Up

Incident: MELV 17827556 UX Client	Work Item: 62291 KB:	Fix: 04007779 ERS:
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APPLICATION HISTORY TAKE-UP

Property data can now be entered into the Primary Location field.

Non-Cash Contribution Maintenance

Incident: PARA 17820223 UX Client	Work Item: 62368 KB:	Fix: ERS:
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NON-CASH CONTRIBUTION MAINTENANCE

The Non-Cash Contribution Maintenance form was not reloading with the correct parameters after saving, resulting in an "Object reference not set to an object" error.
The Allocate button on Bank Guarantee and Bond Maintenance was not responding when clicked.

Application Maintenance

Incident: MELV 17958647, DUNE 18012490 UX Client	Work Item: 62603 KB:	Fix: ERS:
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MAJOR DEVELOPMENT CATEGORIES MAINTENANCE

Previously, the value of multi-values fields entered may not have been saved correctly or at all after the Save button was pressed.

Application Maintenance

Incident: UX Client	Work Item: 61756 KB:	Fix: 04007779 ERS:
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COPY DATA MAINTENANCE

A new option to copy data from one application to another is now available from Application Summary options, Image 1.

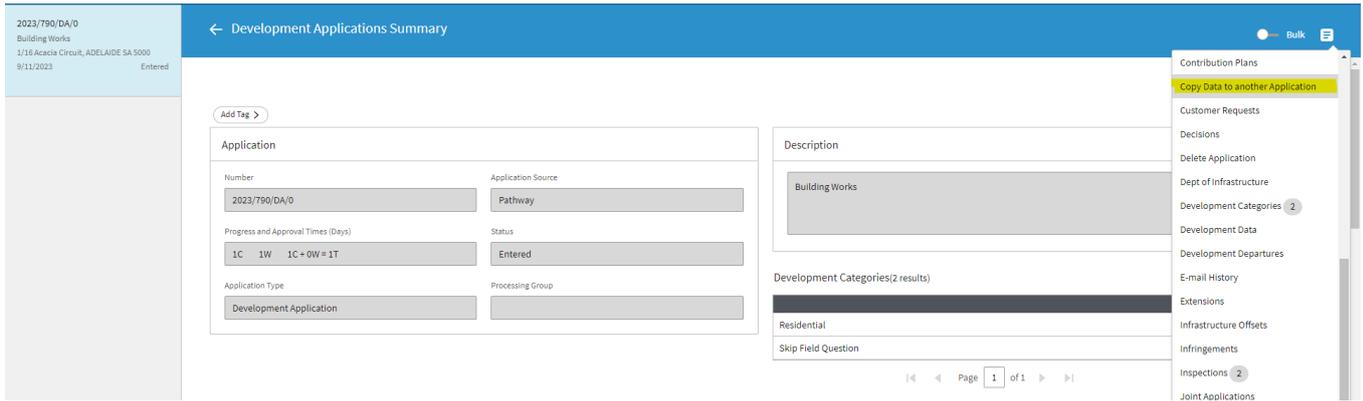


Image 1

Before the 'Copy Data to another Application' option can be used it must be assigned to the appropriate User Accounts within the Class Responsibility Structure. From Applications >> Application Classes, select the Class Maintenance/Enquiry option and assign the new option to the responsibility structure, Image 2.

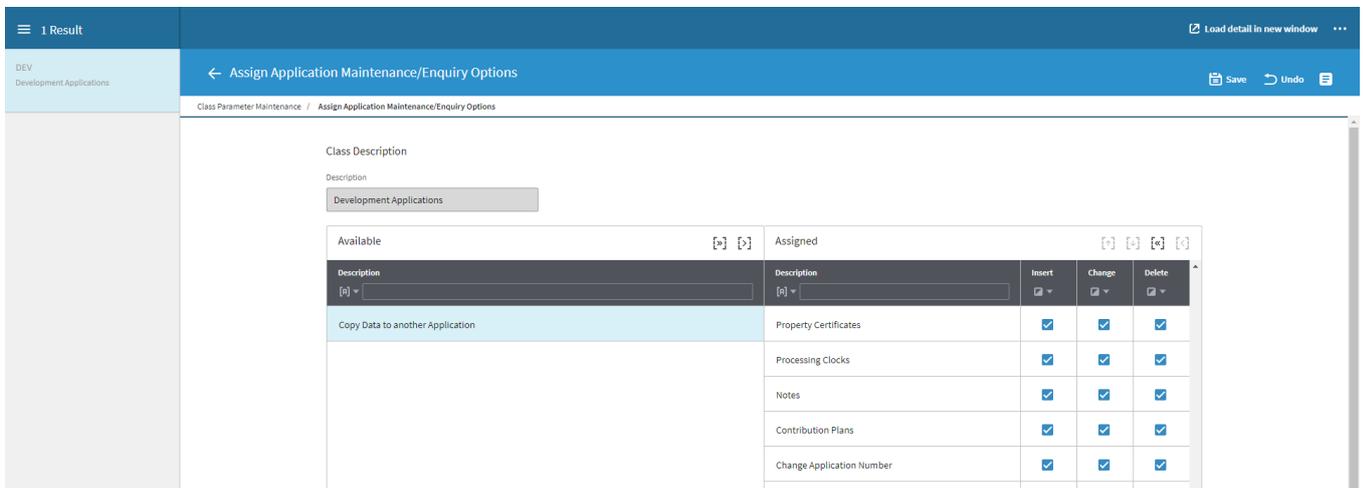


Image 2

Then from Class Parameter Maintenance, select the Group Maintenance/Enquiry option and assign the new option to the appropriate responsibility group(s), Image 3.

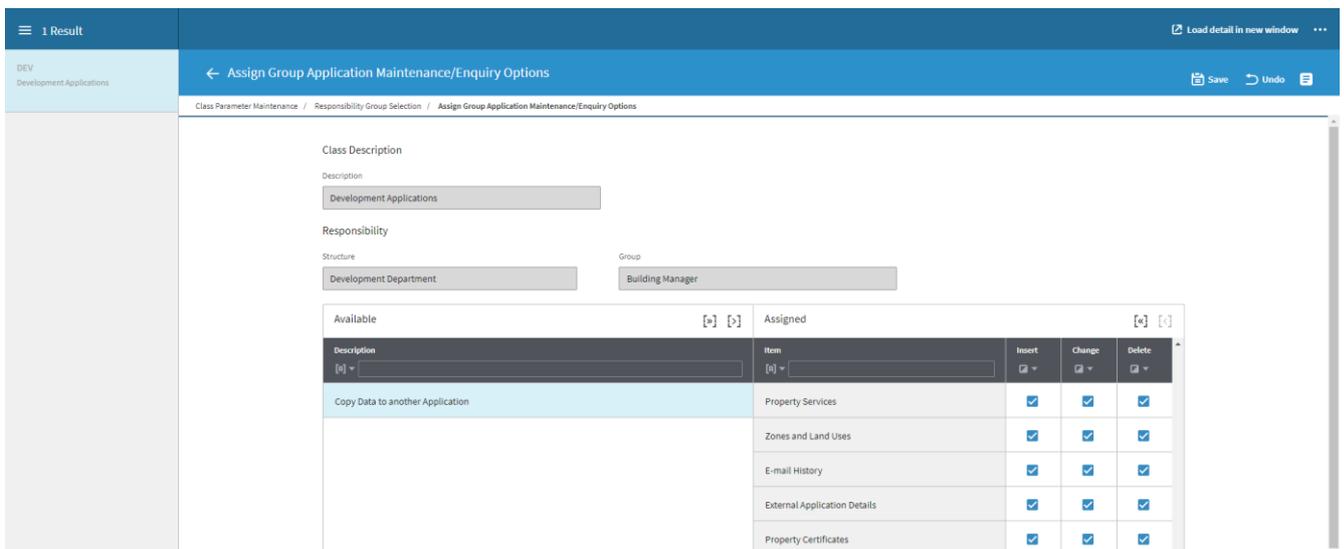


Image 3

Under Application Maintenance open the Application you want to copy data from and the 'Copy Data to another Application' should now be available under Options. Copy Data Maintenance will display with the Source Application defaulting from the Application you are in, Image 4.

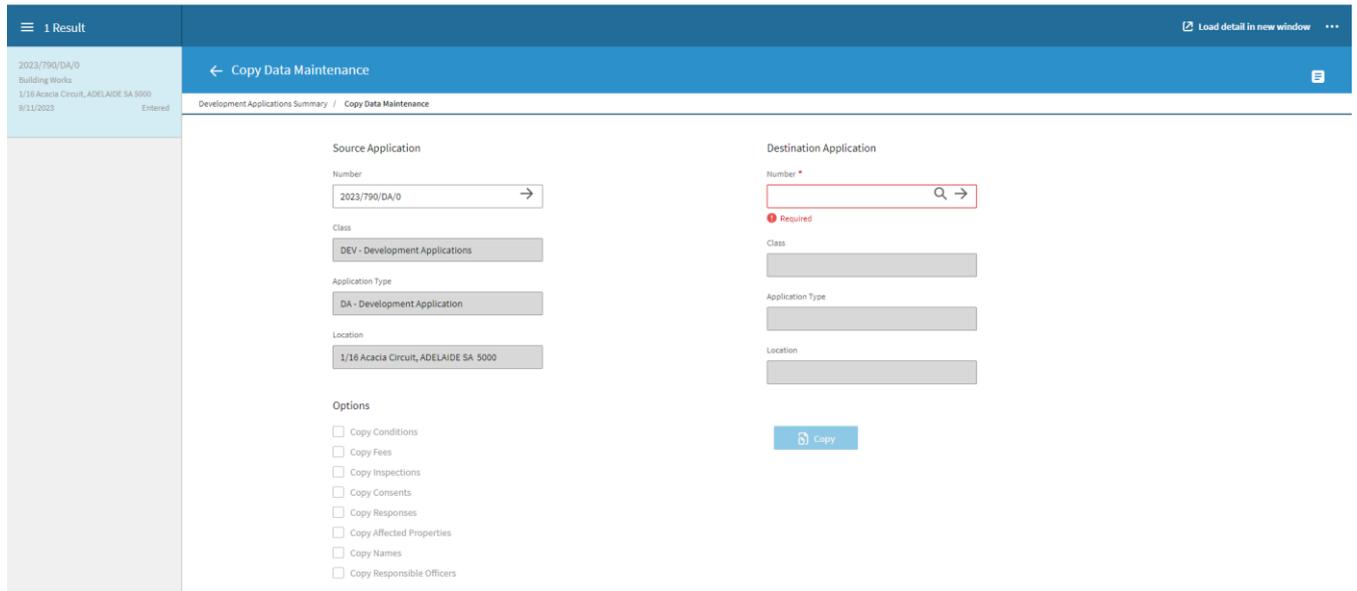


Image 4

Enter the Application number you want to copy to, then select one or more items to copy. Press the Copy button to begin processing, Image 5.

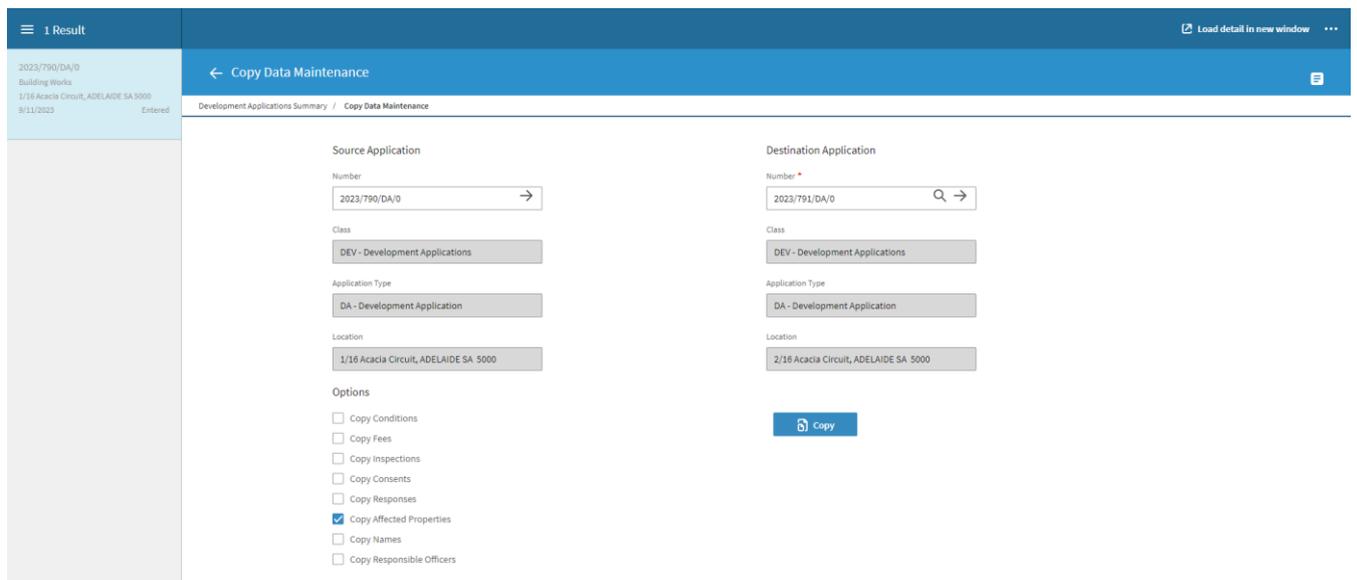


Image 5

A confirmation message will be displayed allowing the Copy process to be continued or cancelled, Image 6.

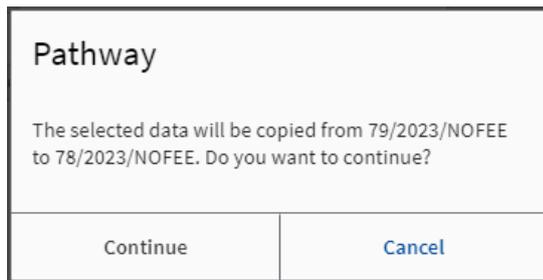


Image 6

At the end of the process a message will be displayed indicating if the process has completed successfully, Image 7.

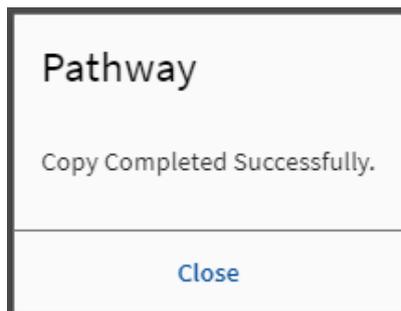


Image 7

The detail buttons on the source and destination applications can be used to inspect the application before and after the data is copied, Image 8.

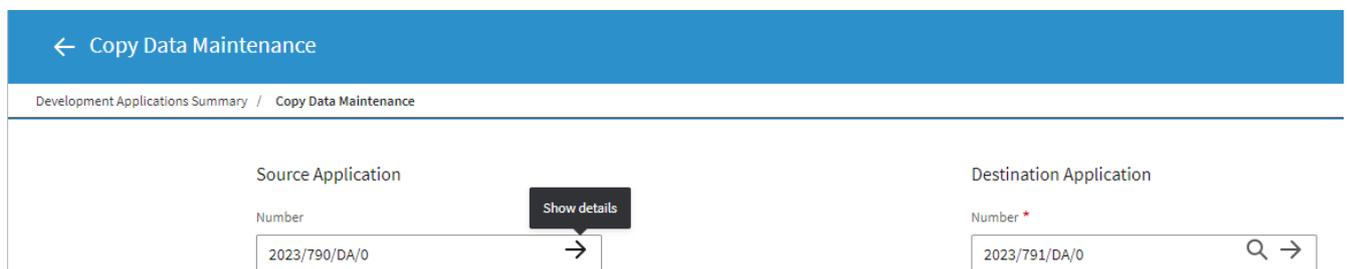


Image 8

If a destination application is selected from a different class to the source application, only Copy Affected Properties, Copy Names and Copy Responsible Officers options will be available for selection, Image 9.

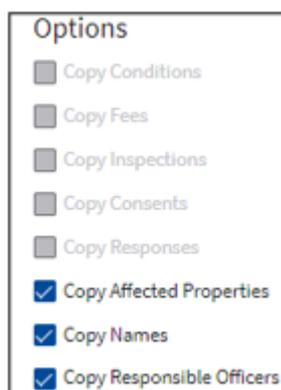


Image 9

Options:

- Copy Conditions - Copies all Conditions from the source application to the destination application. Any document against a Non-Standard Condition will also be copied.
- Copy Fees - Copies the outstanding balance of any Application Fees from the source application to the destination application. Fees on the source application may need to be adjusted manually after the outstanding balance is copied to the destination application.
- Copy Inspections - Copies all Inspections from the source application to the destination application. Copied Inspections will not be linked to a User Account's calendar.
- Copy Consents - Copies all Consents from the source application to the destination application. Consent Decisions will also be copied. Responsible officers for the Consent will be copied only if the option 'Copy Responsible Officers' has also been selected.
- Copy Responses - Copies all Responses from the source application to the destination application.
- Copy Affected Properties - Copies all Affected Properties and other interested parties from the source application to the destination application.
- Copy Names - Copies all current Name roles from the source application to the destination application. A Name will not be copied if it already exists for that role on the destination application.
- Copy Responsible Officers - Copies all Responsible Officers from the source application to the destination application. If the destination application already has a Primary Officer, this User Account will remain as the Primary Officer after the responsible officers are copied from the source application.

NOTE: No data is removed or altered on the source application during the copy process.

Application Maintenance

Incident: UX Client	Work Item: 61756 KB:	Fix: 04007779 ERS:
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AFFECTED PROPERTIES

Previously when maintaining affected properties, the Number of Records on the Affected Properties Group was incorrectly including the number of Other Interested Parties.

Bookings Management

Booking Maintenance

Incident: UX	Work Item: 46338 KB:	Fix: 04007779 ERS:
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BOOKINGS CALENDAR

A correction has been made to the Bookings Calendar. Previously, weekend days did not appear with a weekend background colour when using the Week and Day calendar views.

Booking Maintenance

Incident: UX Client	Work Item: 55217 KB:	Fix: 04007779 ERS:
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BOOKINGS CALENDAR

A correction has been made to the Bookings Calendar. Previously, when accessed via Bookings Maintenance for an existing Booking Line the date of the Booking Line would not initially have focus on the calendar. This only occurred when the date of the Booking Line was in the current month.

Calendars

Incident: TOOW 16889863 UX Client	Work Item: 61204 KB:	Fix: 04007779 ERS:
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The Bookings Calendar has been altered to display one calendar month to improve loading time. Altering the Calendar filters or adding a Booking will cause the month to refresh and download again. A Booking can also now be created from the Week or Day view of the calendar.

Bookings Calendar

Incident: UX Client	Work Item: 62157 KB:	Fix: 04007779 ERS:
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The time control trigger now works correctly in the Bookings Calendar.

Bookings Management Classes

Incident: UX Client	Work Item: 62744 KB:	Fix: ERS:
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BOOKING CLASS SEARCH PROFILE

Clicking a menu option that could have sub-options but did not (such as Class Parameters for a User Account that does not have authority to navigate to any Bookings Class Parameters), and then attempting to use another similarly located menu option that performs a navigation, such as Bookings Management Classes, would result in an unexpected error.

Customer Service

Analyse Results

Incident: TOOW 17315638, MELV 17616231 UX Client	Work Item: 60909 KB:	Fix: 04007779 ERS:
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Date fields are now correctly sorted in Analyse Results.

Request Maintenance

Incident: UX Client	Work Item: 61998 KB:	Fix: ERS:
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NOTES MAINTENANCE

A correction has been made to Request Notes Maintenance to ensure the New button is available as required when opened via Bulk maintenance and Workflow.

Request Maintenance

Incident: TOOW 17597008 UX Client	Work Item: 62299 KB:	Fix: 04007779 ERS:
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REQUEST MAINTENANCE - UPDATE REFERENCE

A correction has been made to Request Maintenance to only update all the links to the Reference when requested. Previously, in some cases all the links to the Reference were changed automatically.

e-mail Policy and Procedure Documents

Incident: LATR 17879423 UX Client	Work Item: 62411 KB:	Fix: 04007779 ERS:
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REQUEST TYPES

Corrections have been made to E-mail Policy and Procedure Documents to correctly display associated Request Types when focus is placed on a Document Group.

ePathway System

ePathway General Enquiry - Rates

Incident: SWAN 17451484	Work Item: 61255	Fix: 04007779
UX Client	KB:	ERS:

EPATHWAY DIRECT DEBIT AND ARRANGEMENTS TO PAY FOR CURRENT ASSESSMENTS ONLY

ePathway General Enquiry - Rates has been modified to ensure it is only possible to set up Direct Debits or Arrangements To Pay when an Assessment has a Current Status.

ePathway Core

Incident:	Work Item: 62443	Fix:
UX Client	KB:	ERS:

UPDATED HTMLSANITIZER.DLL

The HTMLSanitizer.dll has been updated to v8.0 to negate a Cross Site Scripting vulnerability.

ePathway My Home

Incident: WILL 17883569	Work Item: 62574	Fix: 04007779
UX Client	KB:	ERS:

EPATHWAY MY HOME AND EXCESSIVELY LARGE NUMBER OF ROLE LINKAGES

My Home page was not handling the instance where a role sequence exceeded five digits.

E.g. If a Customer Request had more than 99,999 people linked to it and the current user was after the 99999th link.

ePathway My Home Screen

Incident:	Work Item: 62339	Fix:
UX Client	KB:	ERS:

EPATHWAY MY HOME SCREEN INITIAL DISPLAY

A new system configuration setting has been introduced (MyHome.ModuleRolesInitiallyCollapsed) which allows councils to control the initial display of the registered users My Home screen such that if the user has roles across multiple modules the initial display will have each module panel initially collapsed (i.e. Only displaying the module name with the modules hidden within).

If the new setting is set to False, the existing behaviour will continue. This is the default. If the new setting is set to True, then users with roles across multiple modules will have the module roles initially hidden and will need to select each module to expand/show the roles within.

ePathway Core

Incident:
UX Client

Work Item: 62551
KB:

Fix:
ERS:

When CustomErrors are switched on in the web.config file it redirects the user to our System error page.

Dangerous characters in URLs can cause the Custom Error page to be bypassed.

ePathway Animal Registration

ePathway Animal Registration

Incident: STHL 17664018
UX Client

Work Item: 62005
KB:

Fix: 04007779
ERS:

EPATHWAY ANIMAL REGISTRATION FOR ANIMAL CLASSES THAT USE PRORATA FEE CONFIGURATION

An issue has been rectified where the pro rata fee display was one day out for animal registrations performed on the 31st of a month.

ePathway General Enquiry

ePathway General Enquiry - Applications and ePathway General Enquiry - Licensing

Incident: COGC 16584804
UX Client

Work Item: 58953
KB:

Fix: 04007779
ERS:

EPATHWAY ENQUIRY APPLICATION STATUS FILTERING FOR APPLICATIONS AND LICENSES WITH A NULL STATUS

The ePathway General Enquiry lookup table rebuild/update logic has been altered to ensure Applications and Licenses with a blank status will not be included in Enquiry Lists which have status filtering enabled.

NOTE: Before this change takes effect for existing Applications and Licenses it will be necessary to rebuild the ePathway lookup table via:

- Applications >> Batch >> Rebuild General Enquiry Look-Up Table
- Licensing >> Batch >> Rebuild General Enquiry Look-Up Table.

ePathway Receipting

ePathway Payments

Incident: GEEL 17642147 UX Client	Work Item: 62288 KB:	Fix: ERS:
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EPATHWAY PAYMENTS MERCHANT SERVICE FEE (MSF) CALCULATION

The MSF calculation has been standardised to round the cents value correctly across all payment gateways. Previously, some gateways would always round down for fractional cents resulting in a \$0.01 discrepancy between on screen display versus actual processed value.

ePathway Direct Debit Entry (NZ)

Incident: STHL 17800635 UX Client	Work Item: 62340 KB:	Fix: ERS:
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EPATHWAY DIRECT DEBIT ENTRY BANK CHECK DIGIT VALIDATION (New Zealand)

The recent introduction of New Zealand (NZ) Bank Account validation for online Direct Debit maintenance when the rates format is set to New Zealand did not include the ability to enforce a chosen check digit validation routine. It is now possible to nominate the equivalent check digit validation and associated message within ePathway.

NOTE: These changes are specific to NZ Councils and do not affect the behaviour of other regions.

For NZ councils looking to utilise this new validation, it is first necessary to perform an export to ensure the associated text message is exported to ePathway. i.e. System Administration >> ePathway >> System Processing >> Web Server Export >> Message Export

Once exported, the message (EGEE_00017) can be tailored by an ePathway Administrator as shown in Figure 1.

EGEE_00011	The start date must be before the end of the rating period ()	<input type="text"/>
EGEE_00012	Invalid BSB Number.	Invalid Bank/Branch portion of the Account number. Please recheck the first 6 digits. Eg. 11-4444-*****-***
EGEE_00013	Must give days notice. Cannot start before .	<input type="text"/>
EGEE_00014	End date cannot be set that far into the future	<input type="text"/>
EGEE_00015	The specified payment amount must be greater than zero.	<input type="text"/>
EGEE_00016	Invalid Date Range. Date range is too narrow to include a scheduled payment.	<input type="text"/>
EGEE_00017	The check digit calculation identifies the Branch/Account number as invalid.	Invalid Account portion of the Account number. Please recheck your entry. Specifically, the third set of (7) digits. Eg. **-****-1234567-***

Figure 1: ADMIN >> Layout >> Module Message Text >> EGEE_00017

Once the export is complete the check digit routine can then be nominated. If validation is desired, it should be set to the same value selected in Pathway i.e. Rates Accounting >> Parameters >> System Parameter Maintenance >> Direct Debit >> Bank Check Digit Routine.

Within ePathway we can then set the new system parameter GeneralEnquiry.NZCheckDigitRoutine to the same Check Digit routine as shown in Figure 2.

 **GeneralEnquiry**

GeneralEnquiry.DisplayCsvDownload	Allow CSV Download button on Enquiry Summary View.	<input checked="" type="checkbox"/>
GeneralEnquiry.DisplayMapView	Display Map View of locations reported in General Enquiry Lists	<input checked="" type="checkbox"/>
GeneralEnquiry.NZAccountFormat	NZ Account Number entry format (N=digit, X=optional). Eg. "NN-NNNN-NNNNNNN-NNX"	<input type="text" value="NN - NNNN - NNNNNNN - NNX"/>
GeneralEnquiry.NZCheckDigitRoutine	Select the NZ bank account check digit checking routine (as per Pathway Rates System settings).	<input type="text" value="Routine 5 - Account number only"/>
GeneralEnquiry.PageLinksPerGroup	The number of page links displayed in one group at the bottom of a page (must be between 3 and 20)	<input type="text" value="3"/>
GeneralEnquiry.RecordsPerPage	The number of results per page returned by the General Enquiry module (must be between 1 and 100).	<input type="text" value="10"/>

Figure 2: ADMIN >> Configuration >> System Parameters >> GeneralEnquiry.NZCheckDigitRoutine

Once set, any Direct Debit creation or amendments made using ePathway will have the account number validated. Figure 3 shows an example where an invalid account number was entered, and the tailored error message is presented.

Assessment

This is the Assessment for the Direct Debit.

Total Outstanding	\$4,688.40
End Date of Rating Period	29/06/2024

Amend Direct Debit

Amend
Amend

* Denotes that the field is mandatory.

The following errors need to be corrected:

- Invalid Account portion of the Account number. Please recheck your entry. Specifically, the third set of (7) digits. Eg. **-****-1234567-***.

Schedule Type	Due Date
Payment Type	Calculated
Commencement Date *	18/10/2023 to 19/10/2023

Bank Account Details

Please enter the bank account details for the Direct Debit below.

NZ Account Number *	02 - 0160 - 1734636 - 22	to	02 - 0160 - 1734635 - 22
Account Name *	Candice Spritzerfield	to	Candice Spritzerfield

Figure 3: Online Direct Debit validation

Infringements

Infringement Entry/Maintenance/Enquiry

Incident: MACK 17025490
UX Client

Work Item: 57155
KB:

Fix:
ERS:

ANIMAL INFRINGEMENTS TICKET ENTRY/MAINTENANCE/ENQUIRY

Corrections have been made to Animal Infringements Ticket Entry, Animal Infringements Ticket Maintenance and Animal Infringements Ticket Enquiry applicable for Infringement Types based on Format "AN1". Previously, the following problems occurred:

- The Animal details (such as Breed, Colour, etc) were not populated after an Animal was selected.
- The prompt "Change 'Current Contact' to 'Owner' of the selected animal?" was not displayed after an Animal was selected.
- When accessed via Infringement Enquiry some fields were maintainable.

Infringement Search Profile

Incident: IPSW 17958216
UX Client

Work Item: 62605
KB:

Fix:
ERS:

The Infringement Name Detail search does not require the Surname field to be populated so the Surname field has been changed to non-mandatory.

Infringement Maintenance

Incident:
UX Client

Work Item: 62230
KB:

Fix: 04007779
ERS:

INFRINGEMENT SEARCH PROFILE

For security reasons, the Name Details tab has been removed from the Australian Parking Infringement Search Profile forms for User Accounts that do not have access to the Names.

Inspections

Inspection Maintenance

Incident: UX Client	Work Item: 56653 KB:	Fix: ERS:
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INSPECTION SUMMARY

Previously, an error was displayed when double clicking on Locations in Inspection Maintenance Summary.

Inspection Maintenance

Incident: WHIT 15804654 UX Client	Work Item: 56655 KB:	Fix: ERS:
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INSPECTION LOCATION MAINTENNACE

Previously where many locations were linked to an Inspection, the Inspection Location Maintenance may have shown some locations as available when they were in fact already assigned to the inspection. Assigning these locations would result in the duplicate key error below.

The screenshot shows a blue header bar with a back arrow, the text 'Inspection Location Maintenance', and 'Save' and 'Undo' buttons. Below the header, the breadcrumb 'Inspection Summary / Inspection Location Maintenance' is visible. The main content area displays two identical error messages, each preceded by a red circle with an exclamation mark:

- Another record with an identical Local Entity Key and Application Entity Key and FKLPAROLTA and FKLPAROLTN and Status and HISTDATE value already exists.
- Another record with an identical Local Entity Key and Application Entity Key and FKLPAROLTA and FKLPAROLTN and Status and HISTDATE value already exists.

Inspection Maintenance

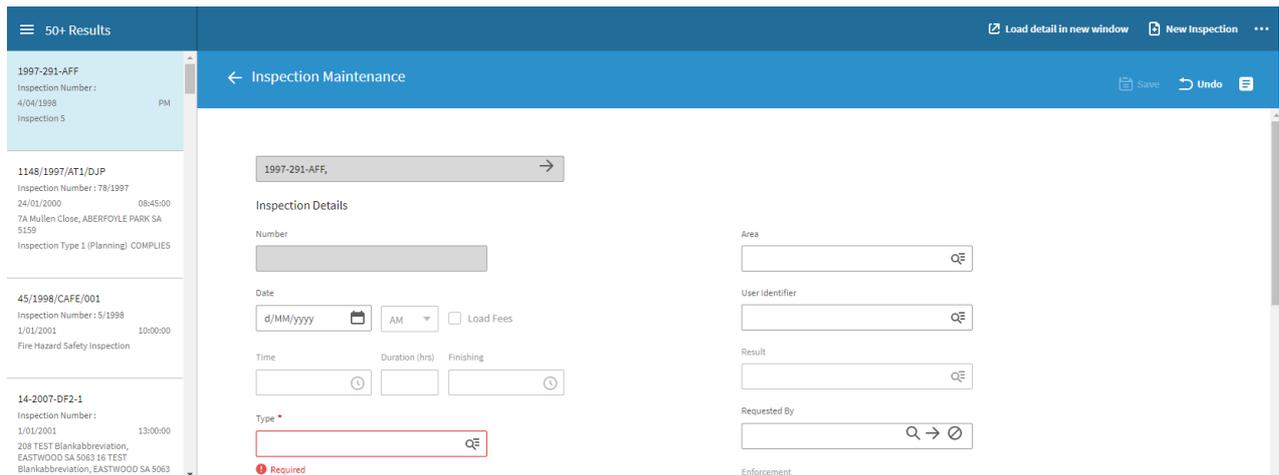
Incident: UX Client	Work Item: 58039 KB:	Fix: ERS:
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INSPECTION SEARCH PROFILE

The module codes have been removed from the new button labels on the Inspection Search Profile and Search Results.

The New button on the Inspection Maintenance form has been removed and replaced with a New Inspection button on the Inspection results page.

Pressing the New Inspection button will create a new Inspection linked to the same module record as the current Inspection Summary record.



Inspection Parameters

Incident: UX Client	Work Item: 61202 KB:	Fix: ERS:
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AUTHORISED USER MAINTENANCE

When adding an Authorised User, the User Selection Profile will now be displayed. This allows for a particular User Account to be selected instead of having to scroll down to find the required User Account.

Inspection Maintenance

Incident: UX Client	Work Item: 61573 KB:	Fix: ERS:
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INSPECTION SCHEDULE MAINTENANCE

Previously when adding a new Inspection or Block Time, the Cancel and Submit buttons may not have always been visible on the popup window.

Previously

New ✕

Type
 Inspection Block Time

Start Date Time
15/01/2024 8:00 AM 📅

End Date Time
15/01/2024 5:00 PM 📅

User
RASHMORE - Robyn Ashmore ▼

Module
LAP - Application Inspection ▼

Now

New ✕

Type
 Inspection Block Time

Start Date Time
15/01/2024 8:00 AM 📅

End Date Time
15/01/2024 5:00 PM 📅

User
JSCOT - John Scott ▼

Module
LAP - Application Inspection ▼

Cancel Submit

Inspection Parameters

Incident: HORN 17674735
UX Client

Work Item: 61811
KB:

Fix:
ERS:

QUESTIONNAIRE EXTRACT FILTER

The following corrections have been made to the Additional Filter option in Extract Type Maintenance for Inspection Questionnaire Answers:

1. The list of available Questionnaires is now limited to the Questionnaires available within the current module/class.
2. The Detail button now takes you to the Question Filter without generating an error.

Inspection Maintenance

Incident:
UX Client

Work Item: 62262
KB:

Fix:
ERS:

BLOCK ADDITION MAINTENANCE

The following changes have been made to the Block Addition Maintenance form:

1. Seconds have been removed from the start time.
2. Seconds have been removed from the end time.
3. The Users field has been moved up to remove empty space.
4. The form will now close after the blocked time has been saved, with the newly blocked time being displayed on the Inspection Schedule Maintenance form.

The screenshot shows a mobile application form titled "Block Addition Maintenance". At the top, there is a blue header with a back arrow, the title, and "Save" and "Undo" icons. The form contains several input fields: "Start Date Time" with a date-time picker showing "1/01/2024 08:00 AM"; "End Date Time" with a date-time picker showing "1/01/2024 05:00 PM"; "Action Code" with a text input field and a magnifying glass icon; "Users" with a dropdown menu showing "RASHMORE - Robyn Ashmore"; "Frequency" with a dropdown menu showing "One Off"; "Frequency Type" with a dropdown menu showing "Permanent"; "Frequency End Date" with a date-time picker showing "d/MM/yyyy"; and a "Comments" section with a large text area.

Inspection Maintenance

Incident:
UX Client

Work Item: 62263
KB:

Fix:
ERS:

BLOCK MAINTENANCE

The following changes have been made to Block Maintenance:

1. Seconds have been removed from the start time.
2. Seconds have been removed from the end time.
3. The User Profile label has been changed to Users.
4. Block Maintenance will now close after a blocked time has been deleted, returning to the Inspection Schedule Maintenance form.

Inspection Maintenance

Incident: UX Client	Work Item: 62264 KB:	Fix: ERS:
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INSPECTION MAINTENANCE

The following changes have been made to the Inspection Maintenance form:

1. Seconds have been removed from Time.
2. Seconds have been removed from Finishing.
3. Duration is now defaulted from the Inspection Type.
4. Duration was not always being calculated correctly when Time was adjusted.

Application Maintenance

Incident: UX Client	Work Item: 62290 KB:	Fix: 04007779 ERS:
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INSPECTION MAINTENANCE - BOOKING MAINTENANCE OPTION

A correction has been made to Inspection Maintenance to allow the entry of the new inspection and then directly selecting the Booking Maintenance option. This successfully saves the current inspection and refreshes the parent summary.

Licensing

Licensing Maintenance

Incident: UX Client	Work Item: 56825 KB:	Fix: 04007779 ERS:
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LICENCE FEES MAINTENANCE

A correction has been made to Licence Fees Maintenance. Previously, when the "Debtors Transaction Generation" option was used to transfer a fee to Debtors a message "Amount did not match the rounding value" would be displayed if the fee amount did not conform to the rounding parameters specified in the Debtors module. This has been changed so that the message is no longer displayed, and fees of any amount can be transferred to Debtors regardless of whether the amount matches the Debtors rounding parameters.

Licensing Maintenance

Incident: UX Client	Work Item: 61290 KB:	Fix: ERS:
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LICENSING SUMMARY - INSPECTIONS

With the Secured flag is set in the Inspections Parameters, access to the Inspections Option from the Licensing Summary form will no longer be allowed to users who are not listed as an Authorised User.



History Take Up

Incident: TOOW 17619392 UX Client	Work Item: 61849 KB:	Fix: 04007779 ERS:
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LICENCE HISTORY TAKE-UP

It is now possible to enter the Location into the Primary Location field and once a Primary Location has been selected, the Location Type is no longer enabled.

History Take Up

Incident: MELV 17827556	Work Item: 62291	Fix: 04007779
UX Client	KB:	ERS:

LICENCE HISTORY TAKE-UP

It is now possible to enter the Location into the Primary Location field and once a Primary Location has been selected, the Location Type is no longer enabled.

Application Fees Maintenance

Incident: MACK 18103591	Work Item: 62843	Fix:
UX Client	KB: 2325815	ERS:

The Reset and Reset Paid buttons have been corrected so that they enable correctly for the selected fees.

Name and Address

Name and Address Maintenance

Incident: UX Client	Work Item: 59465 KB:	Fix: 04007779 ERS:
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DEFAULT ADDRESS MAINTENANCE

Previously when maintaining a Default Address, the Requested Date Effective was not being saved.

Personal Name Maintenance

Incident: STHL 17834060, MELV 17883411, TOOW 17883812, WAIK 17902297 UX Client	Work Item: 62256 KB:	Fix: 03107778, 04007779 ERS:
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Previously removing Communication or Information Types failed to save correctly if there was at least one remaining Communication or Information Type displayed.

Receipt Entry

Incident: TOOW 17581081 UX Client	Work Item: 62397 KB:	Fix: 04007779 ERS:
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ONE VIEW - CUSTOMER PAYMENT ENQUIRY

Previously data-grid filtering was not applying as expected.

Property Administration

Property Maintenance

Incident: UX Client	Work Item: 56949 KB:	Fix: ERS:
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INSPECTION SEARCH PROFILE (PROPERTY SEARCH)

The following issues have been resolved when searching for properties by inspection details.

1. No records would be returned when a status of 'Current & Proposed' was selected on the Property Address Search Profile. This was despite matching record existing. Records would have been returned if the status was set to 'Current', 'Proposed' or '(All)'.
2. Inspection Types, Areas and Results for all Inspections were being displayed on the Inspection Search Profile (Property Search), not just Inspection Types, Areas and Results set up within the Property Inspection Parameters.

Property Maintenance and Property Enquiry

Incident: UX Client	Work Item: 58078 KB:	Fix: ERS:
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PROPERTY TITLES AND PARCELS MAINTENANCE

Titles and Parcels will now display on historic properties.

Property Maintenance and Property Enquiry

Incident: UX Client	Work Item: 59381 KB:	Fix: ERS:
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PROPERTY TITLES AND PARCELS MAINTENANCE

Previously, Property Titles and Parcels Maintenance resulted in many unnecessary prompts to **Recalculate Property Area from combined Parcel Area?** when adding, changing, and deleting parcels. This has been reduced to only prompt when required.

Property Maintenance and Property Enquiry

Incident: MELB 17353512 UX Client	Work Item: 61055 KB:	Fix: 04007779 ERS:
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PROPERTY TITLES AND PARCELS MAINTENANCE

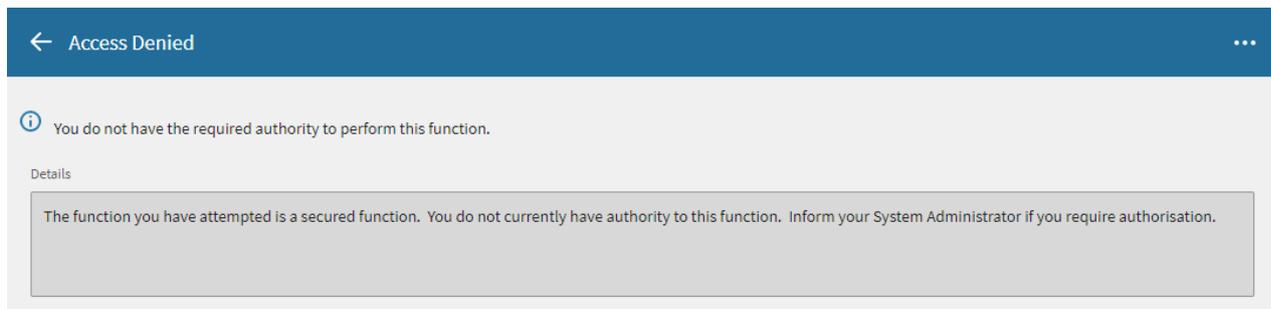
The display has been changed to a data-grid which results in the form loading much faster no matter how many titles and parcels are on the Property.

Property Maintenance

Incident: UX Client	Work Item: 61290 KB:	Fix: ERS:
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PROPERTY SUMMARY - INSPECTIONS

With the Secured flag is set in the Inspections Parameters, access to the Inspections Option from the Property Summary form will no longer be allowed to users who are not listed as an Authorised User.



Street Maintenance

Incident: TOOW 17541913 UX Client	Work Item: 61431 KB:	Fix: 04007779 ERS:
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STREET NAME MAINTENANCE

Previously when:

- Adding or maintaining a Street, the Street Name was being set to lowercase.
- The length of the Street Name was greater than 50, the Street Name was not formatted correctly.
- The Current Street Name was made Historic, a new Address Component Qualifier was not being created.

Property Maintenance

Incident: STHL 17667733 UX Client	Work Item: 61792 KB:	Fix: 04007779 ERS:
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PROPERTY TITLES AND PARCELS MAINTENANCE

A previous implementation did not always successfully allow modification of Titles and Parcels.

Smart Mobile Services

Incident: MELV 17800977 UX Client	Work Item: 62208 KB:	Fix: 03107778, 04007779 ERS:
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SMART MOBILE GIS PRODUCT VALIDATION

A change has been made to allow the UXWS GIS product code to be selected without reporting errors in Smart Mobile applications.

ArcGIS Pro 3.1 GIS Integration

Incident: UX Client	Work Item: 62274 KB:	Fix: ERS:
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ARCGIS PRO INTEGRATION

The new ARCPRO GIS integration that was added to Pathway UX recently has had some minor corrections made to it for two scenarios.

- Previously when using ArcGIS Pro via a Remote Desktop session and using the Create Query or Create Query Other functions resulted in the dialog that displayed to enter the description for the Query to not display the OK and Cancel buttons correctly.
- When initiating integration functions that communicate with after starting ArcGIS Pro 3.1 independently of Pathway it was possible for an error such as a timeout to leave the "Obtaining parameters from Pathway..." dialog to remain open preventing further use of the integration without restarting ArcGIS Pro.

A new version of the Pathway Add-in for ArcGIS Pro 3.1 will be automatically deployed that contains the changes to address these issues.

The new version of the Pathway Add-in is version 1.1 which can be checked in the ArcGIS Pro Add In Manager. To ensure this is automatically updated:

1. Make sure to exit from the Pathway Agent by right clicking on it in the Windows system tray and choosing Exit on the client machine.
2. Ensure ArcGIS Pro is not running.
3. Initiate the GIS interface from a new Pathway UX browser tab, for example by navigating to the Property Maintenance menu option and activating the GIS option from the Property Search Profile page.
4. This is only required once and only if the Add-in has not automatically updated. Once updated Pathway can be launched from ArcGIS Pro.

Transfer of Ownership Maintenance

Incident: MELB 17808799 UX Client	Work Item: 62282 KB:	Fix: ERS:
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TRANSFER OF OWNERSHIP MAINTENANCE

A correction has been made so that a validation error is now displayed if the Transfer Date is earlier than the Sale Date.

Transfer of Ownership Maintenance

Incident: MELB 17815871 UX Client	Work Item: 62287 KB:	Fix: ERS:
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TRANSFER OF OWNERSHIP MAINTENANCE

Property records selected via certain search options are now adding to the Transfer.

Street Maintenance

Incident: UX Client	Work Item: 62473 KB:	Fix: 04007779 ERS:
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STREET MAINTENANCE

When creating a new Street, the Street Key in the Street/Suburb Link was incorrect, so the Street/Suburb/Locality Maintenance form was not able to retrieve the link.

Bulk Address Maintenance

Incident: UX	Work Item: 38759 KB:	Fix: 04007779 ERS:
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BULK ADDRESS MAINTENANCE CONTROL

The Property Administration >> Bulk Maintenance >> Bulk Address Maintenance menu now calls a new batch control form to be consistent with other Bulk Maintenance menus in the Property Administration module.

Changing this to a batch control form has the advantage of being able to perform a large number of updates on a batch queue using multi-threading to achieve the result faster. It also provides the requested ability to identify the addresses to update via a Dynamic Query or Query Result when required which was not previously available.

Rates Accounting

Transaction Listing

Incident: WHIT 15932442	Work Item: 57447	Fix:
UX Client	KB:	ERS:

TRANSACTION LISTING CONTROL

The Transaction Listing process has been modified so that when run with Report Layout set to **Totals** it no longer unnecessarily allocates internal table key values for reporting entities it will never write to (Irprraas, Irprarl and Irpravp).

Instalment/Reminder Notice Report

Incident: IPSW 17100661	Work Item: 60296	Fix:
UX Client	KB:	ERS:

INSTALMENT/REMINDER NOTICE REPORT CONTROL

Previously, the Instalment/Reminder Notice Report menu option could only be accessed if the given user also had access to the Rate Notice Report menu option.

Assessment Maintenance

Incident:	Work Item: 60714	Fix: 04007779
UX Client	KB:	ERS:

VG NUMBER LINK MAINTENANCE

A correction has been made to the VG Number Link Maintenance form. Previously, the **Create** option did not perform any action. It now opens VG Number Maintenance ready for a new VG Number to be created and automatically linked to the Assessment.

Extract Type Maintenance

Incident: LOGA 17268118, TOOW 17770983	Work Item: 60717	Fix: 04007779
UX Client	KB:	ERS:

EXTRACT TYPE MAINTENANCE

Rate Assessment Extract Types are now accessible from Property Extract Type Parameters.

Averaged Values Generation

Incident: TOOW 17619301	Work Item: 61693	Fix:
UX Client	KB:	ERS:

AVERAGED VALUES GENERATION CONTROL

Corrections have been made to the Averaged Values Generation. Previously, the following occurred:

- Previously, when the Submit button was pressed the message "Developer Concession values will also be created as the Developer Concession Valuation Type has been nominated in the system parameters. Do you want to continue?" always appeared even when the Developer Concession Valuation Type was not nominated in the system parameters. This message is now displayed at the top of the screen as soon as the form is opened, rather than only when Submit is pressed.
- Previously, if all mandatory values were entered and then the VG Number range was changed, the Submit button would become disabled when it should have remained enabled.

Differential Rate Type Verification

Incident: COGC 17075273 UX and Smart Clients	Work Item: 61946 KB:	Fix: 04007779 ERS:
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DIFFERENTIAL RATE TYPE VERIFICATION CONTROL

Some performance improvements have been made to the Differential Rate Type Verification process.

- The first improvement should be apparent starting from the first time the process is run after the release has been applied.
- The second improvement reduces unnecessary checking of prior Rating Periods and should be apparent starting from the second time the process is run after the release has been applied.

Please note that the effect of the improvements can only be known when the site runs the process and will vary based on the state and nature of the data at the time it is run.

Assessment Maintenance and Supplementary Rate Maintenance

Incident: MCKY 17756911 UX Client	Work Item: 62124 KB:	Fix: 04007779 ERS:
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SUPPLEMENTARY RATE TYPE MAINTENANCE

Corrections have been made to Supplementary Rate Type Maintenance. Previously, the following problems occurred:

- When the Rating Period was changed to a prior Rating Period, Rate Types did not refresh to display the Rate Types for the selected prior Rating Period.
- When accessed from Assessment Enquiry it was not possible to select a prior Rating Period and therefore not possible to view Rate Types for prior Rating Periods.
- The From Date and To Date did not default to the correct dates when a Rate Type was added or the Rate Type Action was changed, particularly for Rate Types in prior Rating Periods. This only applies to sites that have the Allow Date Effective for Rate Types system parameter turned on. In addition, the Rate Type Action of Add/Susp. has been changed to Add and Suspend to provide better clarity, and the form will now utilise more of the available screen width when applicable.

SUPPLEMENTARY RATE SELECTION

Previously, if a double click was performed on a Supplementary Rates row an error would occur instead of displaying Supplementary Rate Maintenance.

Rating Period Rate Type Maintenance

Incident: UX Client	Work Item: 62244 KB:	Fix: 04007779 ERS:
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RATING PERIOD RATE TYPE MAINTENANCE

Corrections have been made to Rating Period Rate Type Maintenance. Previously, the following occurred:

- If the Rate Type had a Calculation Method of "Fixed" the Fixed Amount was not validated as mandatory.
- If the Discount Method was inherited from the Rate Type as "Fixed Discount (default)" and a Fixed Discount Amount was present, then upon initial display of the form the Fixed Discount Amount would be blanked out, the Save and Undo Edit buttons would be enabled and an attempt to leave the form without making any changes would result in an **Unsaved changes will be lost. Do you want to continue?** message being displayed.

Supplementary Rate Maintenance

Incident: PARA 17816234 UX Client	Work Item: 62396 KB:	Fix: 04007779 ERS:
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VG NUMBER LINK MAINTENANCE

Corrections have been made to the VG Number Link Maintenance form. Previously, the following problems occurred when accessed from the **VG Number** option of the Supplementary Rate Maintenance form.

- If the Assessment did not have a current VG Number, and one was then added to the Assessment using the **Add** grid button, the Supplementary Valuations for the Supplementary Rate were not automatically added.
- The **Create** option did not perform any action. It now opens VG Number Maintenance ready for a new VG Number to be created and automatically linked to the Assessment. If the Assessment did not have a current VG Number, then the Supplementary Valuations for the Supplementary Rate will be automatically added.

SUPPLEMENTARY RATE MAINTENANCE

A correction has been made to Supplementary Rate Maintenance. Previously, the Location, VG Number and Assessment Number appeared blank after saving a new Supplementary Rate when the Assessment had no VG Number.

Receipting

Receipting Application Selection

Incident: TOOW 15849926, IPSW 17127622 UX Client	Work Item: 61852 KB:	Fix: 04007779 ERS:
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Receipting Application Selection has been updated so that Save will only be enabled when there are unique Biller Codes.

Receipting Applications can now be removed.

Receipt Entry

Incident: ADEL 17801486, TOOW 17910416 UX Client	Work Item: 62514 KB:	Fix: 03107780, 04007779 ERS:
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RECEIPT ENTRY

Mandatory Payment Line entry fields were sometimes incorrectly preventing the saving of a Receipt via the Accept, Suspend, Void, and Cancel buttons.

References

Request Maintenance

Incident: SWAN 17714951
UX Client

Work Item: 61937
KB:

Fix: 03107777, 04007779
ERS:

UPDATE REFERENCE

Previously it was not possible to update a Reference Number when a Reference was shared amongst Customer Service Requests.

Smart Mobile CityWatch

Smart Mobile CityWatch Payments

Incident: MACK 16945592
UX Client

Work Item: 60328
KB:

Fix:
ERS:

CITYWATCH PAYMENTS POTENTIALLY HOLDING ON TO OLD PAYMENT SESSION ID'S

If the CityWatch Payment page was accessed directly rather than via the CityWatch Home Page (e.g. [~/Web/Mobility/Citywatch/Index.html?Module=ERCPAYM](#)) there was potential for the Payment Session Id to get mixed with an earlier incomplete payment. A change has been implemented to ensure Payments are always reinitialised.

Smart Mobile Customer Service

Smart Mobile Customer Service Map

Incident: UX Client	Work Item: 61999 KB:	Fix: ERS:
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MAP BUTTON DISABLING

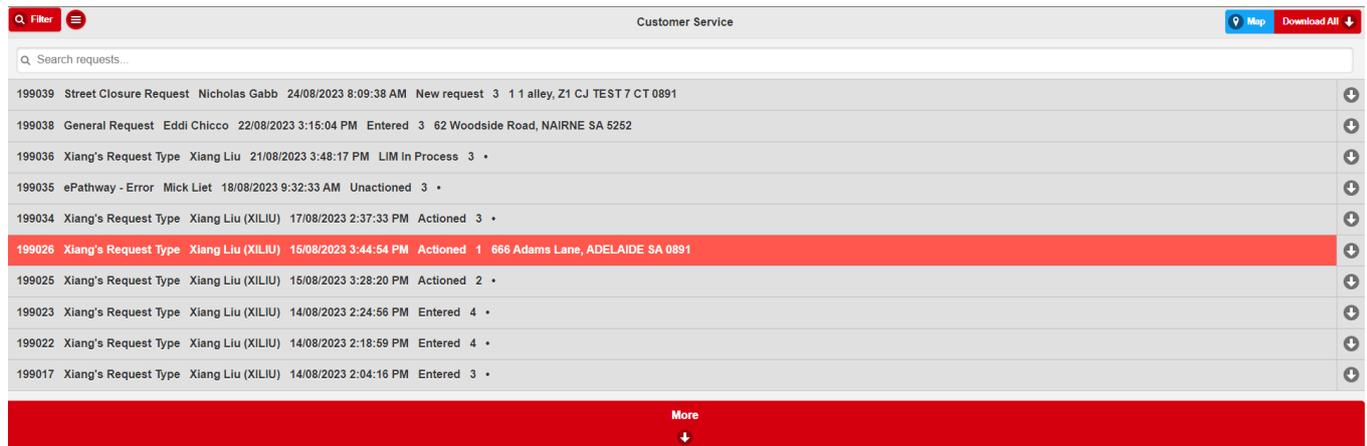
If the map button was enabled in the Search Results, it was occasionally being disabled if the More button was used and the new Search Results contained Requests with no locations.

Smart Mobile Customer Service Search Results

Incident: UX, Smart and Thick Clients	Work Item: 56610 KB:	Fix: ERS: 70120
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PRIORITY CUSTOMER REQUESTS HIGHLIGHTED IN SEARCH RESULTS AND MAP

High Priority Requests can now be highlighted in the Customer Service app. Priority One (1) Requests now appear with a red background on the List view:



The map view also displays these Requests with an enlarged marker:



This feature can be switched on/off via the Customer Services config.js file. The background colour and text colour of highlighted Requests are also configurable.

highlightP1Requests: false, // Highlight P1 Severity Requests on grid and map (true, false)

highlightP1BackgroundColour: "#ff574d", // Background Colour for highlighted Requests. Can use any Hex colour codes or simple colour names (e.g. #ff574d or red)

highlightP1TextColour: "#FFF", // Text Colour for highlighted Requests. Can use any Hex colour codes or simple colour names (e.g. #ff574d or red)

Trade Waste

Assessment Maintenance

Incident: UX Client	Work Item: 61290 KB:	Fix: ERS:
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ASSESSMENT SUMMARY – INSPECTIONS

With the Secured flag is set in the Inspections Parameters, access to the Inspections Option from the Assessment Summary form will no longer be allowed to users who are not listed as an Authorised User.



Rating Period Charge Type Maintenance

Incident: UX Client	Work Item: 62244 KB:	Fix: 04007779 ERS:
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RATING PERIOD CHARGE TYPE MAINTENANCE

Corrections have been made to Rating Period Charge Type Maintenance. Previously, if the Charge Type had a Calculation Method of "Fixed Cost" the Fixed Amount was not validated as mandatory.

Valuations

Maintain System Parameters

Incident: LOGA 17371833, TOOW 17634034 UX Client	Work Item: 61053 KB:	Fix: 04007779 ERS:
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SYSTEM PARAMETER MAINTENANCE

A correction has been made to the **System Parameter Maintenance** form to make the VG Number Separator field Mandatory when all the conditions below are met:

- The Valuation Module In Use field is set to "Rates".
- The Valuation Tape Legislation field is set to "Queensland".
- The Match VG Number field is set to "Area and Property ID".

Previously, the VG Number Separator field was Mandatory when the Match VG Number field was set to all other values.

Word Processing

Application Maintenance

Incident: TOOW 17767364
UX Client

Work Item: 62156
KB:

Fix:
ERS:

ADD DOCUMENT REQUEST

When selecting Merge Type with Special Fields, the following message was not displayed on the form, "The selected merge template contains special fields. Select Save to enter values.". The same issue occurred when creating Letters for Licensing.

Extract Type Maintenance

Incident:
UX Client

Work Item: 62660
KB:

Fix:
ERS:

A timeout message when opening a merge or extract type has been updated to reflect that it is a check that the document has loaded within a specified time period. This can be a false positive if the document takes longer to fully load.

Workflow

Workflow Procedure Parameters

Incident: UX Client	Work Item: 39225 KB:	Fix: ERS:
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WORKFLOW APPLICATION MAINTENANCE

The Workflow Application Maintenance parameter has been improved to restrict the Security Structures available in the Security Structure field to those that are relevant to the module.

Once the Default Structure is selected, only the Groups applicable to the Default Structure are available, preventing invalid combinations from being entered.

Workflow

Incident: UX Client	Work Item: 58715 KB:	Fix: 04007779 ERS:
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TASK MAINTENANCE

A correction has been made to the calendar used by the date fields on the Task Maintenance form for Applications, Bookings, Customer Service and Licensing. Previously where no calendar was defined at the Class/Type parameter level, the default system calendar was used (System Administration >> System Parameters >> Calendar Maintenance), ignoring any calendar defined at the system parameter application level (System Administration >> System Parameters >> Application Code Maintenance).

PROCESSING CLOCK MAINTENANCE

A correction has been made to the calendar used by the date fields on the Processing Clock Maintenance form for Applications. Previously where no calendar was defined at the Class parameter level, the default system calendar was used (System Administration >> System Parameters >> Calendar Maintenance), ignoring any calendar defined at the system parameter application level (System Administration >> System Parameters >> Application Code Maintenance).

Workflow Procedure Parameters

Incident: UX Client	Work Item: 59014 KB:	Fix: ERS:
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WORKFLOW APPLICATION MAINTENANCE

The layout of the Workflow Application Maintenance parameter form has been improved in all modules that have Workflow.

ePathway

Incident: KNOX 16983126 UX Client	Work Item: 60051 KB:	Fix: 03107777, 04007779 ERS:
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EPATHWAY REQUEST WORKFLOW

Previously auto-start non-interactive Workflow Tasks were not being triggered by ePathway initiated Customer Service Request records.

Workflow Procedure Parameters

Incident: UX Client	Work Item: 61085 KB:	Fix: ERS:
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USER ACTION MAINTENANCE

The User Action Maintenance parameter forms have been updated to use Pathway UX user interface standards in all modules that have Workflow.

Workflow Procedure Parameters

Incident: UX Client	Work Item: 61236 KB:	Fix: ERS:
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WORKFLOW APPLICATION MAINTENANCE

The Workflow Application Maintenance parameter form has been updated to use Pathway UX user interface standards in all modules that have Workflow.

Workflow

Incident: LOGA 17474844, LOGA 17492521, SLD 17670814, MELV 17710617 UX Client	Work Item: 61292 KB:	Fix: ERS:
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WORKFLOW QUESTION ANSWER PROCESS

Corrections have been made to the Workflow process to handle multiple procedures, task types, and user actions linked to Workflow Question Answers correctly.

Timesheet Search Profile

Incident: STHL 17611668 UX Client	Work Item: 61867 KB:	Fix: 04007779 ERS:
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TIMESHEET MAINTENANCE

The following timesheet problems have been corrected.

1. Timesheets for Bookings could not be viewed.
2. The timesheet description was not included in the search results.

3. The wrong description may have been returned for some timesheets.

Actual Time Report

Incident: UX Client	Work Item: 62131 KB:	Fix: 04007779 ERS:
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ACTUAL TIME REPORT

When accessed from Customer Service module, the Using dropdown was missing on the form. The dropdown is now available.

When the External Search Profile is selected, the Customer Service Search Profile Parameters are displayed on the form. The same issue occurred in Application Tasks Report.

Application Tasks Report

Incident: UX Client	Work Item: 62131 KB:	Fix: 04007779 ERS:
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APPLICATION TASKS REPORT

When accessed from Customer Service module, the Using dropdown was missing on the form. The dropdown is now available.

When the External Search Profile is selected, the Customer Service Search Profile Parameters are displayed on the form.

Workflow

Incident: UX Client	Work Item: 62303 KB:	Fix: 03107778 ERS:
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WORKFLOW PARAMETERS

Previously an error was displayed when setting up workflow for the first time for a new module or class.

☰ Work Flow Parameters

[Homepage](#) / [Pool Licenses Parameters](#) / [Work Flow Parameters](#)

ⓘ The "Workflow Application" record was not found. It may be unavailable due to permissions or may have been deleted by another user.

The Workflow Application Maintenance form will now be displayed to allow the workflow parameters to be set up for the new module or class.

Workflow

Incident: IPSW 17912933 UX Client	Work Item: 62609 KB:	Fix: ERS:
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WORKFLOW QUESTION ANSWER PROCESS

Corrections have been made to Workflow process to ensure that the Workflow Question screen is no longer presented to a user after all the selected Answers have been processed.

Workflow Procedure Parameters

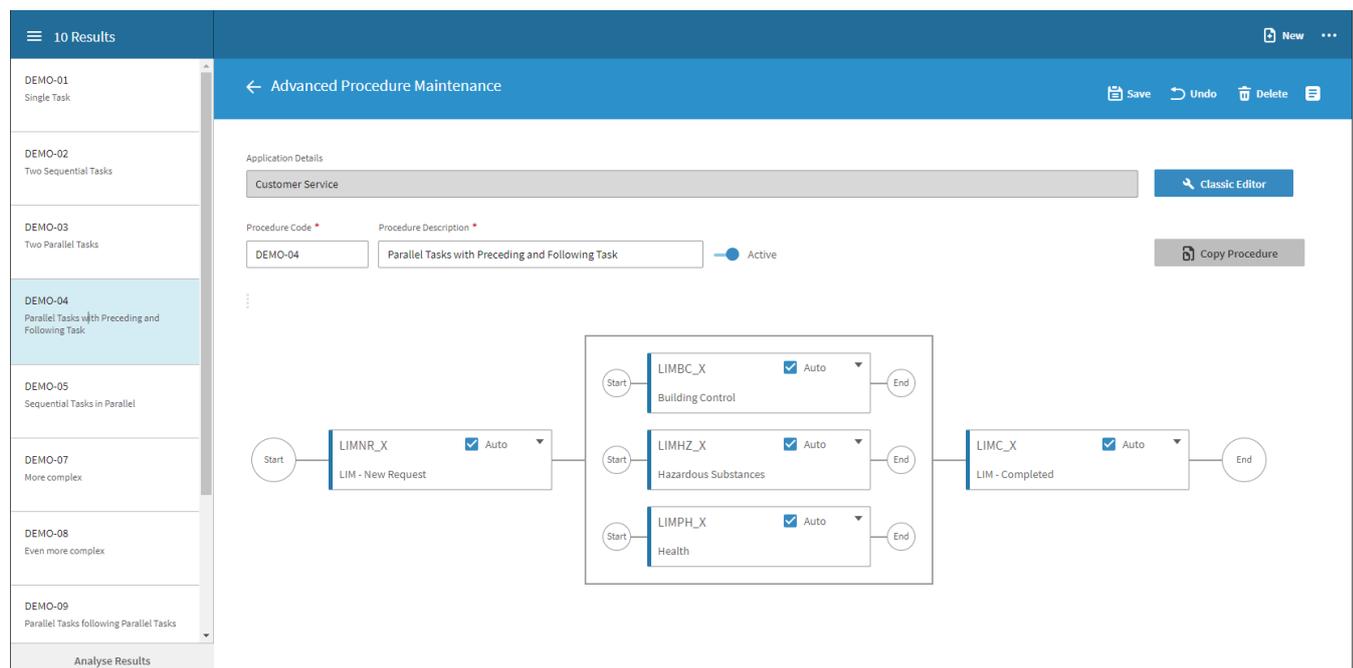
Incident: UX Client	Work Item: 61463 KB:	Fix: ERS:
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ADVANCED WORKFLOW EDITOR

A new graphical workflow editor has been introduced to make it much easier to create, edit and visualise Workflow Procedures.

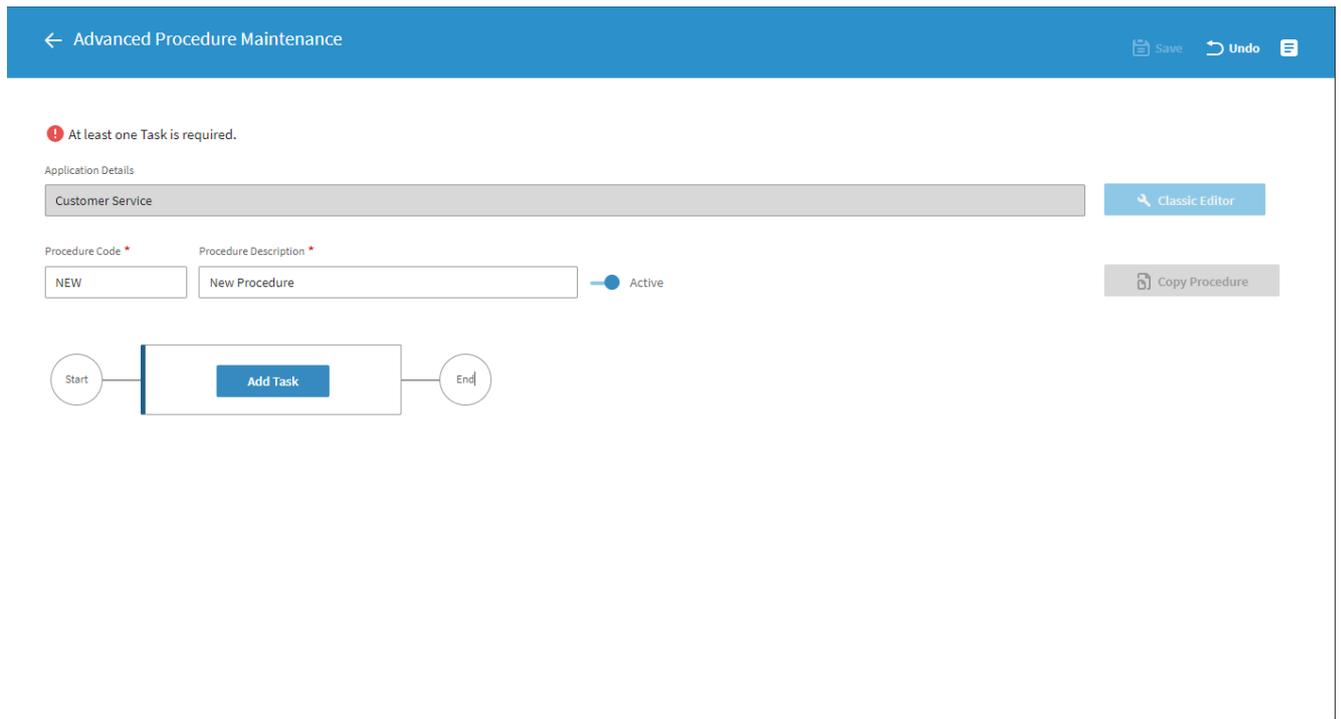
- This is available in all modules that have Workflow Procedures
- The new editor is now displayed by default when editing Workflow Procedures
- No change is required to existing Workflow Procedures or any other parameter settings.
- Fallback to the Classic Editor is available if required.
- Fallback is automatic if the procedure cannot be displayed in the new editor for any reason or at the choice of the user.
- It is now possible to easily copy existing Workflow Procedures
- Drag and Drop editing is available.
- Download Snapshot of the procedure for printing and documentation
- Zoom is available.

Here is an example to illustrate what a user will see when looking at a Workflow Procedure:

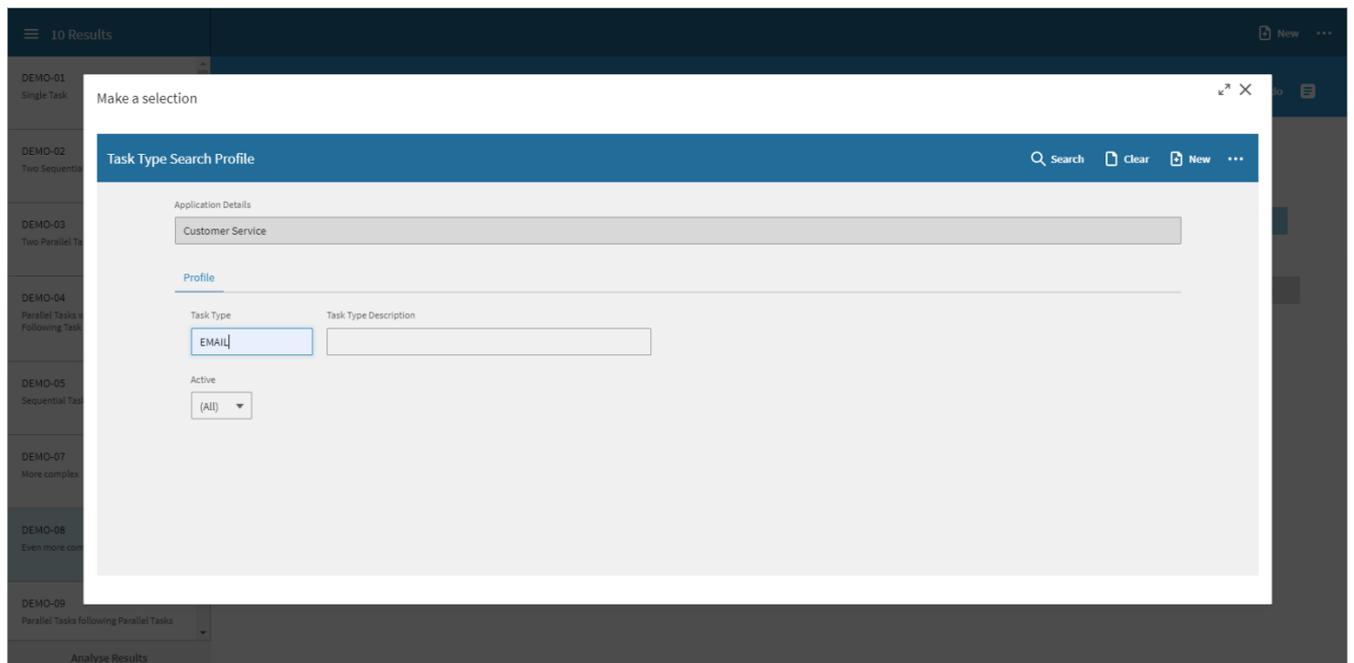


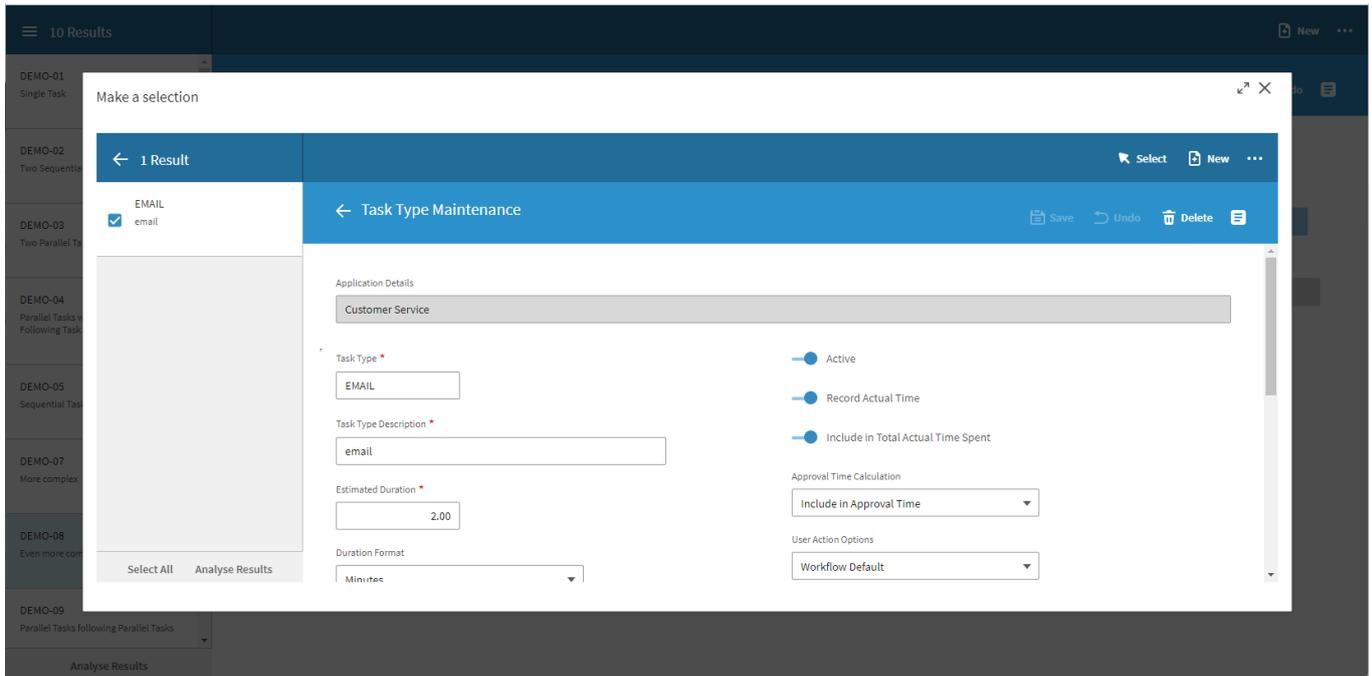
Horizontal and vertical scrollbars are displayed when necessary for larger procedures.

Creating a new procedure will display a notification that at least one Task is required and provides an Add Task button:



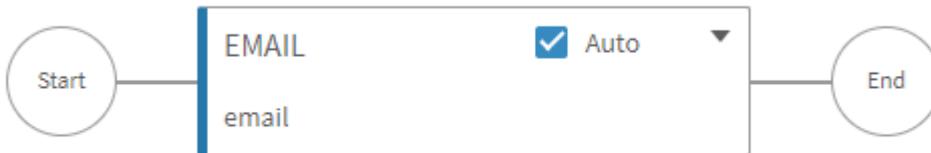
One or more Tasks can be added via the dialog that displays when the Add Task button is activated by selecting the required Task Types:



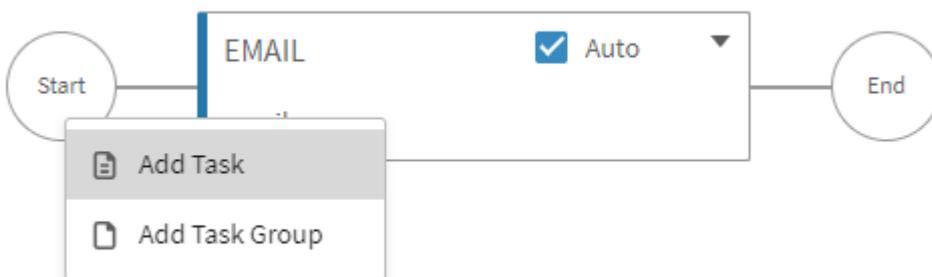


New Task Types can be created during this process if they do not already exist.

New Task(s) are set to not auto start as they are in the existing editor and can be simply changed to be auto start with the checkbox on each Task as required:



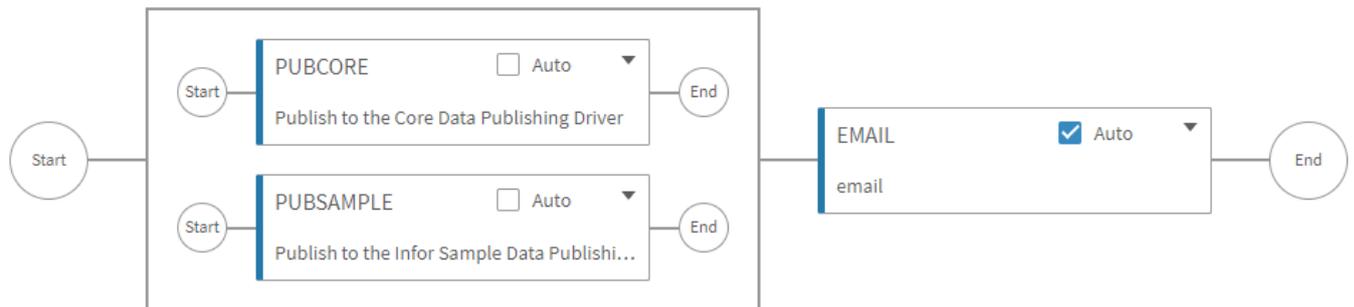
Additional Tasks or Task Groups can be added by clicking on the Start or End markers and selecting the required option:



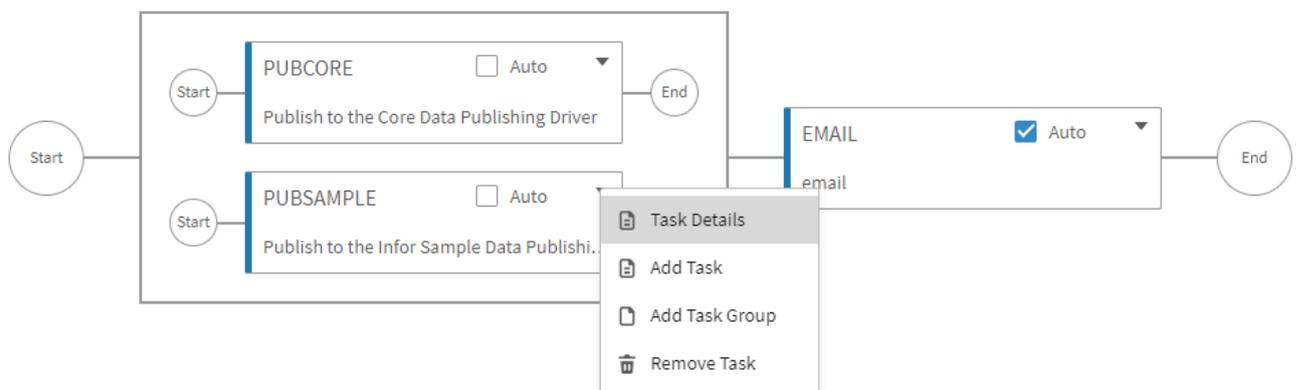
Add Task will add a Task in sequence before the existing one from the Start marker or will add it after the existing one from the End marker:



Add Task Group will add a group of parallel tasks before or after the Task (i.e. Tasks that can happen at the same time):



The dropdown at the top right of each Task provides the following options:



Choosing Task Details will display a dialog containing the details of the Task Type, including the ability to see the User Actions.

Choosing Remove Task will remove the Task from the procedure. If doing so would make the procedure invalid a message will be displayed explaining why the Task cannot be removed. This only occurs in quite complex procedures and if it does further editing is required to relocate other Tasks or Task Groups before the Task can be successfully removed.

Both Add Task and Add Task Group are also available from the dropdown on the Task allowing for nested procedure structures.

When using Add Task from within a Task Group on any rightmost Task within the group results in the new Task being added underneath the Task. To add the task in sequence after that Task use Add Task from the End marker instead.

Drag and Drop editing is available when there is more than one Task in the procedure and is indicated by the grab cursor being displayed when hovering over a Task. Any Task can be dragged from its current location in the procedure to any of the following targets to move it:

- Another Task
- A Start marker
- An End marker

While dragging if the target is not any of these, the cursor displayed (red circle with a line through it in most browsers) indicates that dropping the Task at that location will have no effect. When the target is one of the valid ones the cursor indicates it can be dropped and the target also changes to an active state to indicate that as well.

If the procedure is a large one with vertical and/or horizontal scroll bars these automatically scroll as a Task is dragged. The Drag and Drop can be used to do a simple change of sequence or a more complex complete change of location in the procedure.

If you have attempted to move a Task in a large procedure using the existing Classic Editor, for example from the end to the beginning - especially when the tasks are in sequence, you will appreciate this Drag and Drop feature which can achieve that outcome more easily.

A Drag and Drop move action is the same as a Remove Task on the Task being dragged followed by an Add Task on the target. For this reason, the same rules apply if the move would make the procedure invalid, a message will be displayed explaining why the Task cannot be moved and further editing is required to relocate other Tasks or Task Groups before the Task can be successfully moved.

To Drag and Drop a Task to the start of a Task Group you need to move the first Task down the Task Group. For example, Task 9 needs to be the first Task, so I Drag and Drop it underneath Task 1, then Drag and Drop Task 1 onto Task 9.

If troubleshooting investigations are required, clicking on any Task, and then using the Field Properties option on the form will display details of the procedure task record from the database including the primary key value.

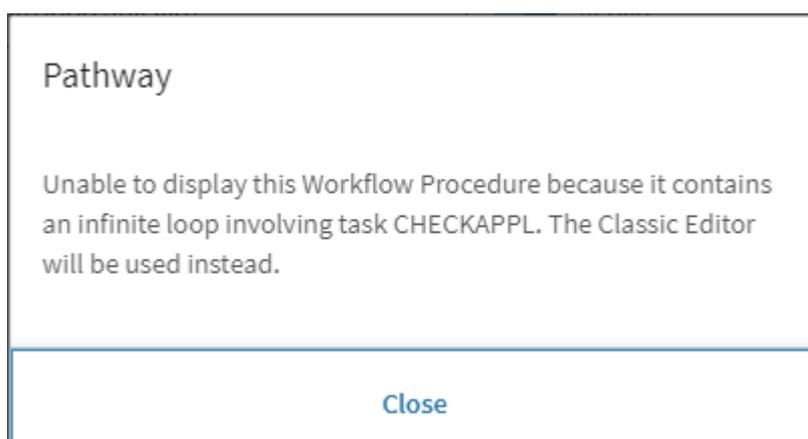
The Classic Editor button is available to switch to the previous editor if desired:



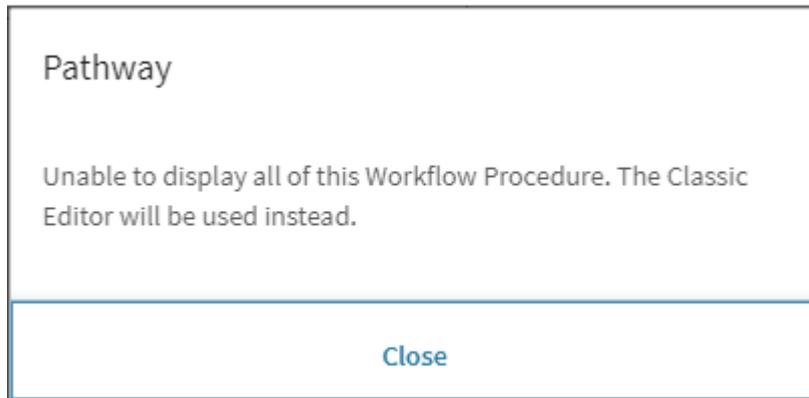
From the Classic Editor the Advanced Editor button is available to switch back again:



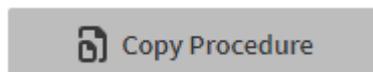
If a procedure can't be displayed with the Advanced Editor a message will be displayed and the Classic Editor will be used instead, for example if a procedure contains an infinite loop or a single Task is repeated (separate Tasks of the same Task Type are not a problem) a message like the following will be displayed:



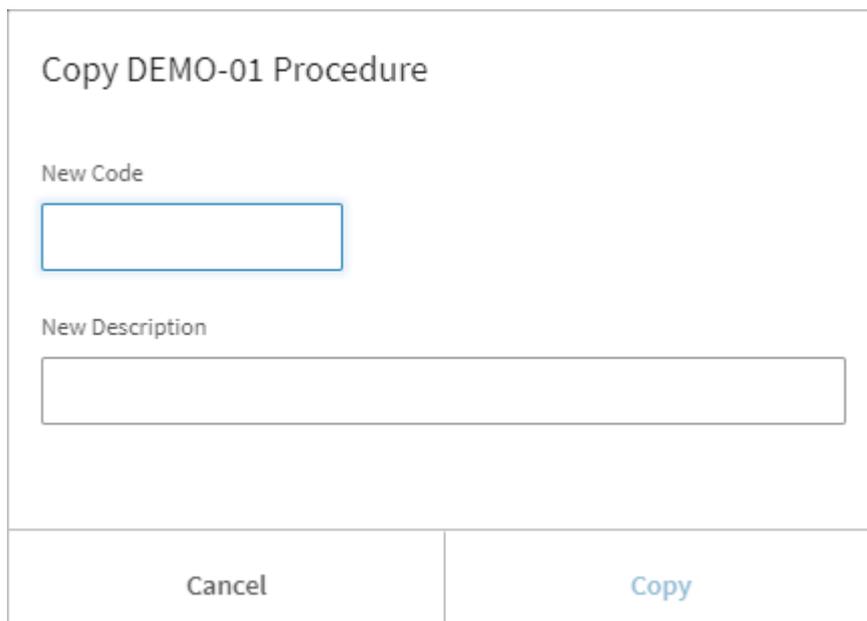
or



It is now possible to copy a procedure and change that copy without touching the existing procedure until the copied one is ready to replace it. Another use of the copy procedure function is if a new procedure is required that only differs a little from an existing one it can be copied and very quickly modified instead of having to be recreated from scratch. The Copy Procedure button is available in both editors:



Activating this button displays a dialog in which to enter the code and description for the new Procedure:

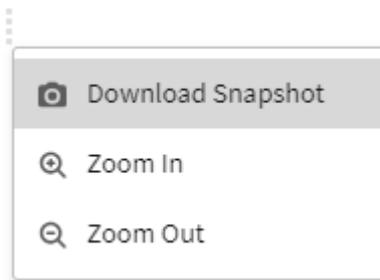
A rectangular dialog box with a white background and a thin grey border. At the top left, the title "Copy DEMO-01 Procedure" is displayed. Below the title, there are two input fields. The first is labeled "New Code" and is a small rectangular box. The second is labeled "New Description" and is a larger rectangular box. At the bottom of the dialog, there are two buttons: "Cancel" on the left and "Copy" on the right, both in a blue font.

The new code must be unique within the module or class to which the procedure applies to be successfully copied. When it is copied successfully it appears as a new record in the search results and can be immediately worked on.

Additional tools are now also available in the Advanced Editor:

- Download Snapshot
- Zoom In
- Zoom Out

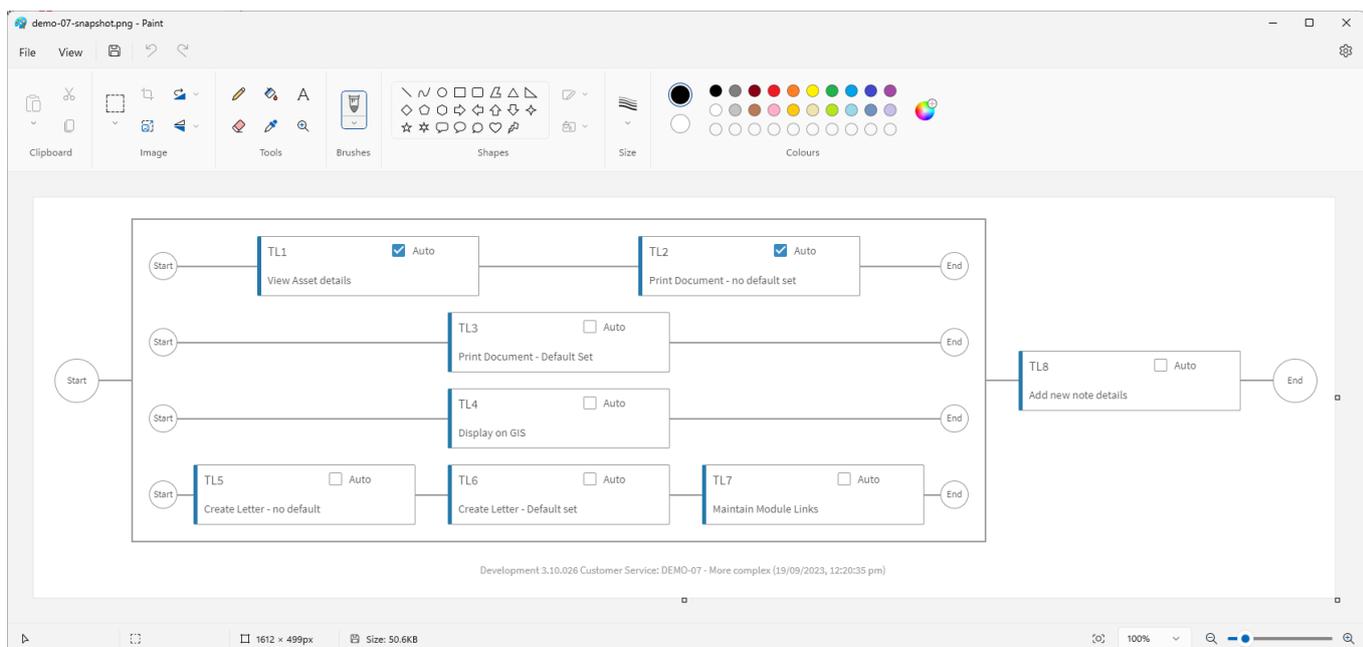
Use the vertical ellipsis button under the Procedure Code field:



When a procedure is a large one that does not fit on the page, the Zoom Out can be used to fit more of it on the page to visualise at once. This works in steps and will allow zoom out to a maximum of 50% after which it would become unreadable. The Zoom In is then available to zoom back in up to full size in steps as well. Drag and Drop editing is only available when zoomed to full size.

Large procedures like this cannot be printed by the browser so the Download Snapshot tool is available to download the entire procedure as a PNG image which can then be printed or included in documentation external to Pathway.

The snapshot image is stamped with relevant details of the procedure including the date and time the snapshot was taken, this example is for a customer service procedure called **DEMO-07 - More Complex**:



The new Advanced Workflow Editor significantly improves the way Pathway Workflow Procedures are defined and visualised.