

# Pathway RELEASE NOTES

Enhancements

3.10.015



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***Pathway Release 3.10.015***

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## Table of Contents

INTRODUCTION .....	4
USER GUIDES AND ONLINE HELP .....	5
APPLICATIONS .....	6
<i>Enhancements</i> .....	6
Bulk Fees Transfer .....	6
Application Lodgement .....	7
NSW Building Professionals Report Extract .....	7
NSW Building Professionals Report Extract .....	24
DEBTORS .....	25
<i>Enhancements</i> .....	25
Aged Balance Roll .....	25
DOCUMENT MANAGEMENT .....	26
<i>Enhancements</i> .....	26
Generic EDMS (GENCON) / Data Publisher Enhancement .....	26
EPATHWAY SYSTEM .....	27
<i>Enhancements</i> .....	27
ePathway System Parameters .....	27
New & Change User Registration Enhancements .....	27
EPATHWAY GENERAL ENQUIRY .....	38
<i>Enhancements</i> .....	38
Application/Licence Responses .....	38
LICENSING .....	39
<i>Enhancements</i> .....	39
Bulk Fees Transfer .....	39
Licence Entry .....	40
PROPERTY ADMINISTRATION .....	41
<i>Enhancements</i> .....	41
Property Summary .....	41
Property Division Maintenance / Enquiry .....	41
Property Maintenance .....	41
RATES ACCOUNTING .....	42
<i>Enhancements</i> .....	42
Assessment Maintenance .....	42
Waste Rate Type Verification .....	42
Supplementary Rate Notice Report .....	43
End of Period Roll .....	43
RECEIPTING .....	45
<i>Enhancements</i> .....	45
External Receipt Import .....	45
Online Receipting Credit Card Details Storage .....	46
Receipt Entry .....	49
Receipt Entry .....	50
SMART MOBILE CITYWATCH .....	53
<i>Enhancements</i> .....	53
Smart Mobile CityWatch Bookings .....	53
CityWatch Phishing Protection .....	53
Smart Mobile CityWatch Property Selection .....	55
Smart Mobile CityWatch Maps .....	56
Smart Mobile CityWatch Maps .....	56
CityWatch Attachments .....	56
Smart Mobile CityWatch Requests .....	57
Smart Mobile CityWatch Requests .....	57
VALUATIONS .....	58
<i>Enhancements</i> .....	58
Averaged Values Options .....	58
DRN INDEX .....	60
INFOR XTREME INCIDENT INDEX .....	61

# Introduction

This document describes enhancements and new functionality made available in Release 3.1n of the Pathway software.

This Release Notes document is also available for viewing from the Release Notes menu option included in the Help Menu.

## Included in this document are the following sections:

### User Guides and Online Help

This includes an overview of how to access Pathway Help (both online and in printable format), as well as a listing of all the Modules included.

### Modules

Each module that has undergone modifications is included in this documentation. The documentation is now contained in three separate documents as follows:

- Infor Pathway Release Notes 3.10.015 Enhancements.pdf
- Infor Pathway Release Notes 3.10.015 Fixes and Software Corrections.pdf
- Infor Pathway Release Notes Summary 3.10.015.xlsx

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

### InforXtreme Incident Index

This includes a listing of the InforXtreme Incidents addressed in this release of software, in alphabetical order with their associated page number.

### DRN Index

This includes a listing of the Development Requests (DRNs) addressed in this release of software, in numerical order with their associated page number.

### KB Index

This includes a listing of the Knowledge Base Articles (KBs) addressed in this release of software, in numerical order with their associated page number.

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## User Guides and Online Help

All Pathway modules are supported by on-line help text which is accessed by pressing the F1 key within any field on a form. In addition, help text for all modules is also available from the Contents option within the Help Menu. This can be accessed from any form within Pathway.

Complete User Guides based on the Help Text may also be printed in hard copy for each module. To access the PDF versions of the User Guides, the following steps should be performed:

- ❑ The User Guides are stored in PDF format and therefore require that Adobe Reader be available to access them.
- ❑ The User Guide can be viewed or printed, but cannot be modified.
- ❑ Check with your system administrator for instructions on where to find these documents on your system.

The User Guide documents are stored in the following directory path in the following format e.g. ACR.pdf:

e.g.  
XXX \ hlp\ABK.pdf

ABK	(Bookings Management)	CSY	(System)
ACR	(Customer Service)	CTX	(Tax)
CAR	(Accounts Receivable)	CWF	(Workflow)
CAU	(Auditing)	CWP	(Word Processing)
CBT	(Batch Processing)	CWS	(WorkSmart)
CCL	(Calendar)	ESY	(ePathway)
CCP	(Customer Profile)	HowtoUse	(How To Use)
CDC	(PaperClip Attachments)	LAN	(Animals)
CEM	(e-mailing)	LAP	(Applications)
CFI	(General Ledger)	LCN	(Conditions)
CIF	(Core Interface)	LDR	(Debtors)
CIM	(InfoMart)	LER	(Electoral Roll)
CMN	(Menu System)	LIF	(Infringements)
CMO	(Memo)	LIN	(Inspections)
CNA	(Name and Address)	LLC	(Licensing)
COR	(Responsibility)	LPA	(Property Accounting)
CQY	(Query)	LRA	(Rates)
CRC	(Receipting)	LTW	(Trade Waste)
CRF	(References)	LVL	(Valuations)
CRG	(Registers)	LWB	(Water Billing)

# Applications

## Enhancements

### Bulk Fees Transfer

InforXtreme Incident: COGC  
11569338;  
SMART CLIENT;

DRN: 30961

Fix:

KB:

#### BULK FEES TRANSFER

An enhancement has been made to the Bulk Fee Transfer to allow credit notes to be transferred to Debtors.

The screenshot shows the 'Bulk Fees Transfer' application window. At the top, there are buttons for 'Close', 'Submit', and 'Clear'. Below this is a status bar that says 'Ready.'. The main area is titled 'Search Options' and contains several input fields and checkboxes:

- Search Options:**
  - Role Type: LAP, 0 Applicant (dropdown)
  - Application Number: [ ] - [ ] (range selector)
  - Lodgement Date: [ ] - [ ] (range selector)
  - Transfer Invoices:  (checked)
  - Print Invoices:  (unchecked)
  - Transfer Credit Notes:  (unchecked)** (highlighted with an orange box)
  - Print Credit Notes:  (unchecked)
- Job Type:** Report Only (dropdown)
- Class:**
  - Planning 1
  - Building and Planning (highlighted in blue)
  - Development and Planning (DEVT)
  - Terri's Application Class
  - Tim's Application Class (THolton)
  - David Farr's Application
  - DF Application 2
  - Johns Applications Class
- Select All:

*Bulk Fees Transfer form showing the new Credit Note related check boxes*

The new "Transfer Credit Notes" and "Print Credit Notes" check boxes control whether Credit Notes are transferred and printed respectively.

The "Transfer Invoices" check box is also new and controls whether Invoices are transferred.

When submitting the job at least one of the "Transfer Invoices" or "Transfer Credit Notes" check boxes must be checked on.

If Credit Notes are to be printed a Credit Note Merge Type must first be nominated for the relevant Application Classes (see below).

#### DEBTOR BULK GENERATION PARAMETERS

An enhancement has been made to the Debtor Bulk Generation Parameters for an Application Class (accessed via Applications >> Application Parameters) to allow a Credit Note Merge Type to be nominated for use when printing Credit Notes using the Bulk Fees Transfer function.

The screenshot shows a dialog box titled "Debtor Bulk Generation Parameters". It contains the following fields and options:

- Class Details:** A text field for "Description" with the value "Building and Planning".
- Invoice Merge Type:** A dropdown menu showing "INV" with a right-pointing arrow, and a text field containing "Invoice".
- Credit Note Merge Type:** A dropdown menu showing "CN" with a right-pointing arrow, and a text field containing "Credit Note (THolton)".
- Options:** Two checkboxes, "Types" and "Status", both of which are currently unchecked.
- Buttons:** "OK" and "Cancel" buttons are located at the bottom right of the dialog.

## EXCEPTIONS REPORT

A minor change has been made to the Exceptions Report produced by the Bulk Fees Transfer and Bulk Invoices Print functions. The message "This Application/Licence is processed" has been simplified to just say "Processed".

## Application Lodgement

InforXtreme Incident: COGC  
11582633;  
SMART CLIENT;

DRN: 30973  
KB:

Fix:

## APPLICATION LODGEMENT

A modification has been made to the Application Lodgement form so that the Account Method Override cannot be changed if Fees have been added. If the Account Method Override needs to be changed it is necessary to first delete the Fees that have been added during the lodgement process.

## NSW Building Professionals Report Extract

InforXtreme Incident:  
SMART CLIENT;

DRN: 31325  
KB:

Fix: 03107309; 03107310;

## NSW BUILDING PROFESSIONALS BOARD EXTRACT

Various enhancements have been made to the NSW Building Professionals Board Extract.

## NSW Building Professionals Board Extract Parameters

**NSW Building Professionals Board Extract Parameter Maintenance** X

Cancel Save Undo Edit

\* 1 mandatory field needs to be completed before saving.

Class Details

Class CDC Complying Development Certificat

Class Type  Construction Certificate (CC)  Complying Development Certificate (CDC)  Development Application (DA)

Application Types

Decision Types

Municipality

Employee Accreditation Number

Estimated Cost of Work

Gross Existing Floor Area

Questions Category

Intended Land Use Question

National Construction Code Question

Owner Details

Owner

Owner-Builder Details

Owner-Builder

Owner-Builder Permit Number

Principal Contractor Details

Principal Contractor

Principal Contractor Licence Number

Principal Contractor E-mail Address

Principal Contractor Phone Number

Private Certifier Details

Private Certifier

BPB Accreditation Number

Issuing Private Certifier Details

Issuing Private Certifier

Certifier Employer ABN

Issuing Private Certifier Individual Details

Issuing Private Certifier Individual

Certifier Accreditation Number

Principal Certifying Authority Details

Principal Certifying Authority

Principal Certifying Authority ABN

Surveyor Details

Surveyor

Surveyor Accreditation Number

BPB Accreditation Number

The following enhancements have been made to the NSW Building Professionals Board Extract Parameter Maintenance form:

- Active column added to Application Types selection control.
- Active column added to Decision Types selection control.
- To highlight the relationship between fields, the labels Major Development Category, Intended Land Use and National Construction Code have been renamed Questions Category, Intended Land Use Question and National Construction Code Question.
- Builder Details has been replaced with Owner-Builder Details.
- Issuing Private Certifier Details have been added.
- Issuing Private Certifier Individual Details have been added

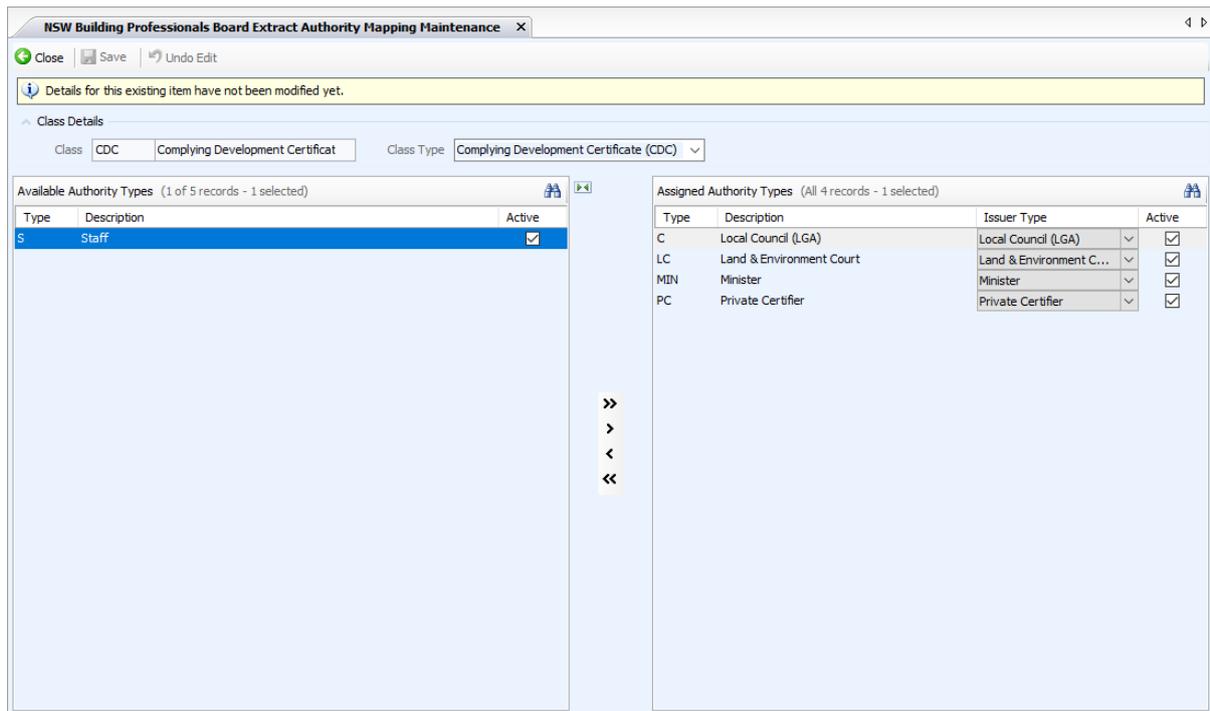
- Development Application (DA) Class Parameters now require the Owner Details to be specified.

### National Construction Code Question Answers

Answer	Description	Active
BCA PART B	(BCA Part B) Structure	<input checked="" type="checkbox"/>
BCA PART C	(BCA Part C) Fire Resistance	<input checked="" type="checkbox"/>
BCA PART D	(BCA Part D) Access & Egress	<input checked="" type="checkbox"/>
BCA PART E	(BCA Part E) Services & Equipment	<input checked="" type="checkbox"/>
BCA PART F	(BCA Part F) Health & Amenities	<input checked="" type="checkbox"/>
BCA PART G	(BCA Part G) Ancillary Provisions	<input checked="" type="checkbox"/>
BCA PART H	(BCA Part H) Special Use Buildings	<input checked="" type="checkbox"/>
BCA PART J	(BCA Part J) Energy Efficiency	<input checked="" type="checkbox"/>
BCA 3.1	(BCA 3.1) Site preparation	<input checked="" type="checkbox"/>

The National Construction Code is now extracted from the Answer Description, only the part within brackets is extracted. E.g. for the answer "(BCA Part B) Structure", the NCC\_CODE "BCA Part B" is extracted.

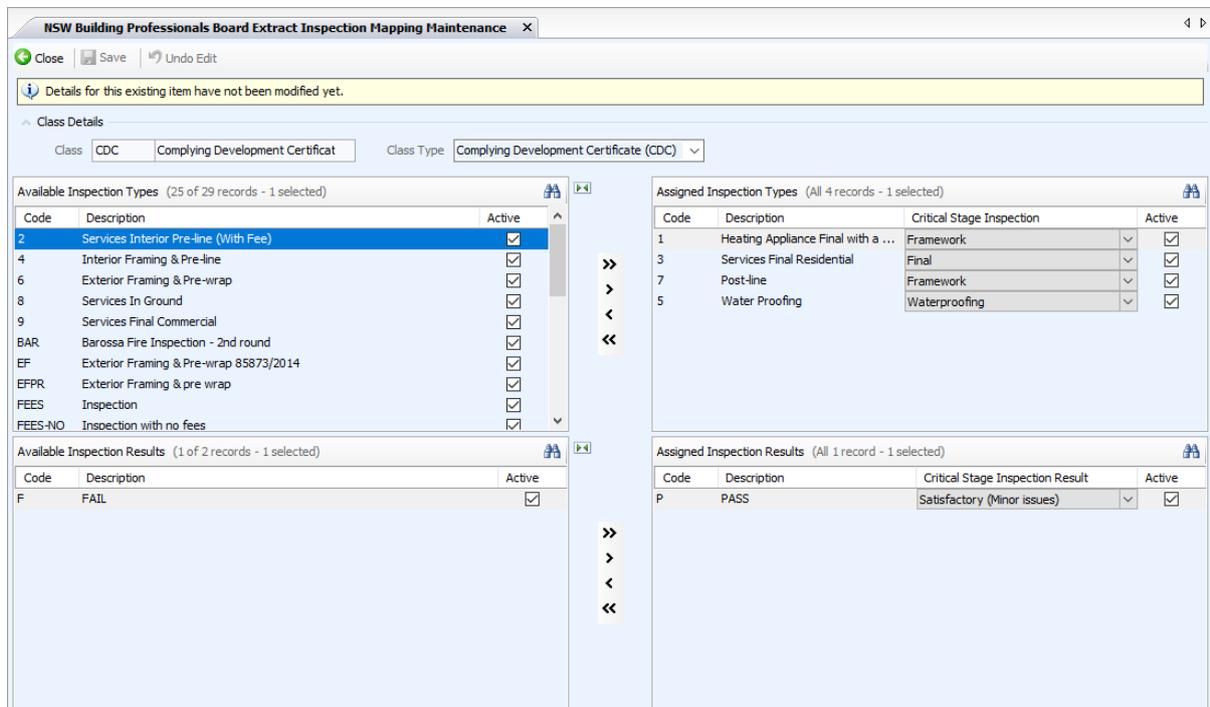
### NSW Building Professionals Board Extract Authority Mapping Maintenance



The following enhancements have been made to the NSW Building Professionals Board Extract Authority Mapping Maintenance form:

- Active column added to the Authority Types selection control.

### NSW Building Professionals Board Extract Inspection Mapping Maintenance



The following enhancements have been made to the NSW Building Professionals Board Extract Inspection Mapping Maintenance form:

- Active column added to the Inspection Types selection control.
- Active column added to the Inspection Results selection control.
- Splitter bar added between the selection controls to correct display issue.

## NSW Building Professionals Board Extract Merge Type Mapping Maintenance

NSW Building Professionals Board Extract Merge Type Mapping Maintenance

Close Save Undo Edit

Details for this existing item have not been modified yet.

Class Details

Class: CDC Complying Development Certificate Class Type: Complying Development Certificate (CDC)

Available Notice Merge Types (56 of 57 records - 1 selected)

Merge Type	Description	Active
216BG	Bank Guarantee test	<input checked="" type="checkbox"/>
310TEST	310test	<input checked="" type="checkbox"/>
8876053	Test for incident 8876053	<input checked="" type="checkbox"/>
ADDRESS	Address Testing	<input checked="" type="checkbox"/>
AFF	Affected properties	<input checked="" type="checkbox"/>
AFFPROP	List of Affected Properties	<input checked="" type="checkbox"/>

Assigned Notice Merge Types (All 1 record - 1 selected)

Merge Type	Description	Active
EPW-REF	Referral Letter	<input checked="" type="checkbox"/>

Available Interim Occupation Certificate Merge Types (1 of 2 records - 1 selected)

Merge Type	Description	Active
BUILD	Builders Permit (Perth example)	<input checked="" type="checkbox"/>

Assigned Interim Occupation Certificate Merge Types (All 1 record - 1 selected)

Merge Type	Description	Occupation Certificate Issuer Type	Active
BPERM	Building Permit	Private Certifier	<input type="checkbox"/>

Available Final Occupation Certificate Merge Types (1 of 2 records - 1 selected)

Merge Type	Description	Active
BPERM	Building Permit	<input type="checkbox"/>

Assigned Final Occupation Certificate Merge Types (All 1 record - 1 selected)

Merge Type	Description	Occupation Certificate Issuer Type	Active
BUILD	Builders Permit (Perth example)	Private Certifier	<input checked="" type="checkbox"/>

The following enhancements have been made to the NSW Building Professionals Board Extract Merge Type Mapping Maintenance form:

- Active column added to the Notice Merge Types selection control.
- Active column added to the Interim Occupation Certificate Merge Types selection control.
- Active column added to the Final Occupation Certificate Merge Types selection control.
- Splitter bar added between the selection controls to correct display issue.

## NSW Building Professionals Board Extract Control

Changes to the extracted files are **highlighted** below.

### LRPAPA0 – NSW BPB Building Work

Output file: BuildingWork.txt

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
SITENAME	Site_Name	A name for the building work. This can be a formal name, a nickname, or reference number.	Formatted Application Number
SITEADDR	Site_Address	Site Address	Formatted Primary Location
SUBURB	Suburb	Site Address Suburb	Suburb from Primary Location
POSTCODE	Postcode	Postcode from the Site Address	Postcode from Primary Location
LATITUDE	Latitude	Latitude of the Site	No data captured against this field.
LONGITUDE	Longitude	Longitude of the Site	No data captured against this field.
CURRENTLGA	Current_LGA	Current responsible local government area.	Description field from Municipality Code selected in the parameters for the Application Class.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
CONTYPE	Consent_Type	Type of development consent (DA or CDC pathway)	If the Application Class is CDC then "Complying Development Certificate (CDC) Else Development Application (DA).
OWNERNAME	Owner_Name	Full name of the owner of the land/property/premises.	Formatted name from the first owner name recorded on the Application Names form. IF the name has the "Private" then "PRIVATE NAME" is output.
TOTDEVCOST	Total_Development_Cost	Total estimated, or actual, cost of building work (dollar amount)	Nominated Application Dimension Type selected in the parameters for the Application Class.
COMMDATE	Commencement_Date	Building work commencement date	Work Commenced Date sourced from the Application Data maintenance form.
INTLANDUSE	Intended_Land_Use	e.g. Residential, Non-Residential, Mixed Use	Data held in an Answer record. Question is selected in the parameters for the Application Class. This Question must be of a Type of Values. The Answer Description will be selected to appear on the report. E.g. R Residential NR Non-residential MLU Mixed Land Use
NUMSTOREYS	Storeys	Number of storeys both above and below ground.	The number of stories from the first listed Building Classification and its first listed Building Type.
GREXFLOOR	Gross_Existing_Floor_Area	The total floor area of the existing building measured in m2	Extract the Dimension value against the first listed Building Classification. The Dimension Type will be nominated in the parameters for the Application Class.
GRNEWFLOOR	Gross_New_Floor_Area	The total floor area of the new building measured in m2	Populated with the total of the field Floor Area for all Building Classifications and Building Types.
GRSITEAREA	Gross_Site_Area_Metres	The total size of the block of land the new building will be situated on in m2	Total Area of all Current Properties that are linked to the Application. If the Area is not found on the Properties, then the Area will be summed from the Parcels.

**The following fields are only populated where the "Intended\_Land\_Use" is either "Residential" or "Mixed Land Use"**

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
EXISTDWELL	Pre_Existing_Dwellings	The number of existing dwellings on the site prior to commencement of work	Populated from the existing field Pre-existing Dwellings on the Building Classification and Building Type Maintenance form for the first Building Classification and Building Type on the application.
DEMDWELL	To_Be_Demolished_Dwellings	The number of existing dwellings to be demolished on the site prior to commencement of work	Populated from the Demolish Dwellings field on the Building Classification and Building Type Maintenance form for the first Building Classification and Building Type on the application.
NEWDWELL	New_Dwellings	The number of new dwellings to be created	Populated from the Number of Units field on the Building Classification and Building Type Maintenance form for the first Building Classification and Building Type on the application.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
DETACHSTAT	Detached_Status	Is the residential building attached , detached (i.e. free standing) or semi-detached?	<p>Populated from the field ABS Detached Status on the Building Classification and Building Type Maintenance form for the first Building Classification and Building Type on the application.</p> <p><b>** IMPORTANT **</b></p> <p>Currently the Reference Data from <b>BPB</b> states that the following are allowed.</p> <p><b>Attachment Status</b></p> <p>Attached Detached (Free standing) Semi-Detached</p> <p>To cater for ABS requirements only the following values are allowed: A – Attached D – Detached</p> <p>Only these values will be used. No changes required to cater for Sem-Detached. If the value returned is D then output "Detached (Free standing).</p>
OCCUPYSTAT	Occupancy_Status	Is it a single or dual occupancy residential building	<p>Populated from the field Dual Occupancy on the Building Classification and Building Type Maintenance form for the first Building Classification and Building Type on the application</p> <p>If the flag is checked ON then the value is Dual. If the flag is checked OFF then the value is Single.</p>
BUILDERTYP	Builder_Type	Type of party undertaking the work.	<p>Compares all current Owner Names to the first listed Builder Name. If there is a match, then the Builder_Type = Owner-Builder</p> <p>Otherwise: Selects the 'first' listed name under the Principal Contractor Name Role. If there is an Information Type existing for the "Principal Contractor Licence Number" then the Builder_Type = Principal Contractor – Licensed ELSE Builder_Type = Principal Contractor - Unlicensed</p>
CONTLICNUM	Contractor_Licence_Number		<p>If Builder_Type = <b>Owner-Builder</b> then extract the 'first' name against the Builder Name Role. Locate the Information Type nominated in the parameters for Builder Licence Number.</p> <p>----- If Builder_Type = <b>Principal Contractor – Licensed</b> the extract locate the 'first' name against the Principal Contractor Name Role. Then... Locate the Information Type nominated in the parameters for Principal Contractor Licence Number.</p>
CONTLICNAM	Contractor_Licencee_Name		No data captured against this field.
CONTCOMNAM	Contractor_Company_Name		No data captured against this field.
CONTABN	Contractor_ABN		No data captured against this field.

**The following fields are only populated where the Builder\_Type is Principal Contractor – Unlicensed.**

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
CONTFULNAM	Contractor_Full_Name	Principal contractor's Full Name	Formatted Name from the first name against the Contractor Name Role.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
CONTEMAIL	Contractor_Email	Principal contractor's e-mail address	The first E-mail address for the Communication Type selected in the parameters for the Application Class. If there is no data, then 'unknown@example.com'.
CONTPHONE	Contractor_Phone	Principal contractor's phone number.	The first Phone Number for the Communication Type selected in the parameters for the Application Class. If there is no data, then 99999999.
CONTSUBURB	Contractor_Suburb	Suburb of the Principal contractor's place of business.	Suburb from the Mailing Address of the first name against the Principal Contractor Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'
CONTPOSTCD	Contractor_Postcode	Postcode of the principal contractor's place of business	Postcode from the Mailing Address of the first name against the Principal Contractor Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'

### LRPAPA1 – NSW BPB Development Application

Output file: DevelopmentApplication.txt

This table will be populated from the related applications against and CC or CDC Applications where the Application Type matches one of those selected in the NSW Building Professional Board Extract Parameters with a Class Type = Development Application (DA).

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
APPNNUMB	Number	Development application number	Formatted Application Number of the DA
ISSUEDATE	Issue_Date	Date when the DA was issued	Decision Date from the latest Decision, Decision Type nominated in the parameters for the Application Class.
ISSUERTYPE	Issuer_Type	The Type of Authority that issued the DA.	Authority Type mapped from the latest Decision, Decision Type nominated in the parameters for the Application Class.
ISSUINGLGA	Issuing_LGA	The name of the LGA that issued the DA	Description field from Municipality Code selected in the parameters for the Application Class.

### LRPAPA2 – NSW BPB Complying Development Certificate

Output file: ComplyingDevelopmentCertificate.txt

This table is applicable where the Class Type = Complying Development Certificate (CDC) and the Application Type matches one of those selected in the NSW Building Professional Board Extract Parameters.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
APPNNUMB	Number	Development application number	Formatted Application Number
ISSUEDATE	Issue_Date	Date that the CDC was issued	Decision Date from the latest Decision, Decision Type nominated in the parameters for the Application Class.
APNTTYPE	Applicant_Type	The type of party that applied for the CDC (i.e. Owner or Owner's Agent)	Compares all current Applicant Name to all current Owner Names. If any of them match, then Applicant_Type = "Owner" ELSE Applicant_Type = "Owner's Agent"

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
APNTNAME	Applicant_Name	The name of the party that applied for the CDC. Either the name of the owner, or the name of the owner's agent (i.e. the party acting on the owner's behalf)	If Applicant_Type = "Owner", then the Formatted Name from the first current Applicant Name matching an Owner. ELSE The Formatted Name from the first current Applicant Name.

**The following fields are only populated where the Applicant\_Type is "Owner's Agent".**

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
APNTORG	Applicant_Organisation	If the owner's agent is a company, the name of the company	No data captured against this field.
APNTORGABN	Applicant_Organisation_ABN	If the owner's agent is a company, the ABN of the company	No data captured against this field.
ISSUERTYPE	Issuer_Type	The type of authority that issued the CDC	Authority Type mapped from the latest Decision, Decision Type nominated in the parameters for the Application Class.
ISSUENAME	Issuer_Name	The name of the Authority that issued the CDC	If Issuer_Type = "Local Council (LGA)", then Description field from Municipality Code selected in the parameters for the Application Class. ELSE If Issuer_Type = "Private Certifier", then The Formatted Name of the first listed Issuing Private Certifier Name Role selected in the parameters for the Application Class. If no value, then output 'unknown' ELSE Output Issuer_Type

**The following fields are only populated where the Issuer\_Type is "Private Certifier"**

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
CERTACCNUM	Certifier_Accreditation_Number	Accreditation number of private certifier that issued CDC	The contents of the first listed Information Type that has been nominated in the parameters for Issuing Private Certifier Individual Accreditation Number. If no value, then output 'unknown'
CERTEMPLOY	Certifier_Employer	Name of the employer of the private certifier that issued CDC	The Formatted Name of the first listed Issuing Private Certifier Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'
CERTEMPABN	Certifier_Employer_ABN	ABN of the employer of the private certifier that issued CDC	The contents of the first listed Information Type that has been nominated in the parameters for the Issuing Private Certifier Employer ABN. If no value, then output 'unknown'
CERTEMPSUB	Certifier_Employer_Suburb	Suburb of the employer of the private certifier that issued CDC	Suburb from the Mailing Address of the first name against the Issuing Private Certifier Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'
CERTEMPPOS	Certifier_Employer_Postcode	Postcode of the employer of the private certifier that issued CDC	The Postcode of the Mailing Address for the first name against the Issuing Private Certifier Name Role. If no value, then output 'unknown'

### LRPAPA3 – NSW BPB Building Classification

Output file: Comp BuildingClassification.txt

This table is populated with ALL Building Classifications recorded against each Application.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
BUILDCLASS	BuildingClassification	An applicable building classification	Populated with the Building Classification Code converted to lower case.

#### LRPAPA4 – NSW BPB Title Reference

Output file: TitleReference.txt

This table is populated with ALL Parcels linked to the Application. Data will be repeated for each Parcel linked.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
DPNUMBER	DP_Number	DP Number	Plan Number for each current Parcel linked to the Application. If the Property is linked to the Application, then we will 'drill down' to the Parcel details.
LOTNUMBER	Lot_Number	Lot Number	Parcel Number for each current Parcel linked to the Application. If the Property is linked to the Application, then we will 'drill down' to the Parcel details.
SECTNUMBER	Section_Number	Section Number	Section Number for each current Parcel linked to the Application. If the Property is linked to the Application, then we will 'drill down' to the Parcel details.

#### LRPAPA5 – NSW BPB Performance Solutions

Output file: PerformanceSolutions.txt

This table will capture records relating to the National Construction Code.

These are recorded in a Questionnaire against the Major Development Category selected in the NSW Building Professional Board Extract Parameters. Multiple Values may be provided, and all will be reported.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
NATCONCODE	NCC_Code	Performance solution code ( <b>NOTE:</b> The NCC_CODE is extracted from the Major Development Category Question Answer Description and must be enclosed by brackets within the description. E.g. for the answer "(BCA Part B) Structure" the NCC_CODE "BCA Part B" is extracted)	Answer extracted from the Major Development Category Question matching the National Construction Code question selected in the parameters for the Application Class.

#### LRPAPA6 – NSW BPB Principal Certifying Authority

Output file: PrincipalCertifyingAuthority.txt

Details of the Principal Certifying Authority associated with a building work.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
FULLNAME	Full_Name	Full name of the certifier (surveyor) acting as the principal certifying authority, e.g. "Mark Smith"	The Given Names and Surname of the first name against the Surveyor Name Role selected in the parameters for the Application Class. Extracts Given Names and Surname. NOT the Formatted Name.
ACCREDNUM	Accreditation_Number	Certifier's accreditation number from the Business Professionals Board	The contents of the first listed Information Type that has been nominated in the parameters for the Surveyor Accreditation Number.
ACCREDCAT	Accreditation_Category	The highest accreditation category held by the certifier	The contents of the first listed Information Type that has been nominated in the parameters for the Surveyor Accreditation Category. Valid Values: A1, A2, A3
ACCREDEXP	Accreditation_Expiry	Expiry Date of the certifier's accreditation	No data captured against this field.
EMAILADDR	Email_Address	Certifiers E-mail Address	No data captured against this field.
EMPLOYNAME	Employer_Name	Name of the employer of the certifier. This can be a private company or the name of a council.	No data captured against this field.
EMPLOYABN	Employer_ABN	ABN of the employer of the certifier	No data captured against this field.
EMPLOYSUB	Employer_Suburb	Suburb of the place of business of the certifier's employer	No data captured against this field.
EMPLOYPOS	Employer_Postcode	postcode of the place of business of the certifier's employer	No data captured against this field.
APPMNTDATE	Appointment_Date	Date when PCA was appointed	No data captured against this field.
REPMNTDATE	Replacement_Date	Date when PCA was replaced i.e. when the PCA stopped work (if applicable)	No data captured against this field.

### LRPAPA7 – NSW BPB Construction Certificate

Output file: ConstructionCertificate.txt

This table is applicable where the Class Type = Construction Certificate (CC) and the Application Type matches one of those selected in the NSW Building Professional Board Extract Parameters.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
APPNUMB	Site_Name	A name for the building work.	Formatted Application Number
DATEISSUED	Date	Latest Decision Date	Decision Date from the latest Decision, Decision Type nominated in the parameters for the Application Class.
APNTTYPE	Applicant_Type	The type of party that applied for the CC (i.e. Owner or Owner's Agent)	Compares all current Applicant Name to all current Owner Names. If any of them match, then Applicant_Type = "Owner" ELSE Applicant_Type = "Owner's Agent"
APNTNAME	Applicant_Name	The name of the party that applied for the CC. Either the name of the owner, or the name of the owner's agent (i.e. the party acting on the owner's behalf)	If Applicant_Type = "Owner", then the Formatted Name from the first current Applicant Name matching an Owner. ELSE The Formatted Name from the first current Applicant Name.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
APNTORG	Applicant_Organisation	If the owner's agent is a company, the name of the company	No data captured against this field.
APNTORGABN	Applicant_Organisation_ABN	If the owner's agent is a company, the ABN of the company	No data captured against this field.
ISSUERTYPE	Issuer_Type	The type of authority that issued the CC	Authority Type mapped from the latest Decision, Decision Type nominated in the parameters for the Application Class.
ISSUEDBY	Issued_By		If Issuer_Type = "Local Council (LGA)", then Description field from Municipality Code selected in the parameters for the Application Class. ELSE If Issuer_Type = "Private Certifier", then The Formatted Name of the first listed Issuing Private Certifier Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'

*The following fields are only populated where the Issuer\_Type is "Private Certifier"*

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
CERTACCNUM	Certifier_Accreditation_Number	Accreditation number of private certifier that issued CDC	The contents of the first listed Information Type that has been nominated in the parameters for Issuing Private Certifier Individual Accreditation Number. If no value, then output 'unknown'
CERTEMPNAM	Certifier_Employer	Name of the employer of the private certifier that issued CDC	The Formatted Name of the first listed Issuing Private Certifier Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'
CERTEMPABN	Certifier_Employer_ABN	ABN of the employer of the private certifier that issued CDC	The contents of the first listed Information Type that has been nominated in the parameters for the Issuing Private Certifier Employer ABN. If no value, then output 'unknown'
CERTEMPSUB	Certifier_Employer_Suburb	Suburb of the employer of the private certifier that issued CDC	Suburb from the Mailing Address of the first name against the Issuing Private Certifier Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'
CERTEMPPOS	Certifier_Employer_Postcode	Postcode of the employer of the private certifier that issued CDC	The Postcode of the Mailing Address for the first name against the Issuing Private Certifier Name Role. If no value, then output 'unknown'

### LRPAPA8 – NSW BPB Modification

Output file: Modification.txt

This tab will be populated with data from "Amended" DA and CDC Applications only. i.e. where the Amendment component of the Application Number contains a letter.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
APPNUMB	Number	The Modification number... Modified Development Application (DA) number or Modified Complying Development Certificate (CDC) number	Formatted Application Number ( <b>including</b> the Amendment letter)
DATEISSUED	Date_Issued	Date when the modification was issued.	Decision Date from the latest Decision, Decision Type nominated in the parameters for the Application Class.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
APNTTYPE	Applicant_Type	The type of party that applied for the Modification (i.e. Owner or Owner's Agent)	Compares all current Applicant Name to all current Owner Names. If any of them match, then Applicant_Type = "Owner" ELSE Applicant_Type = "Owner's Agent"
APNTNAME	Applicant_Name	The name of the party that applied for the modification. Either the name of the owner, or the name of the owner's agent (i.e. the party acting on the owner's behalf)	If Applicant_Type = "Owner", then the Formatted Name from the first current Applicant Name matching an Owner. ELSE The Formatted Name from the first current Applicant Name.

**The following fields are only populated where the Applicant\_Type is "Owner's Agent"**

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
APNTORG	Applicant_Organisation	If the owner's agent is a company, the name of the company	No data captured against this field.
APNTORGABN	Applicant_Organisation_ABN	If the owner's agent is a company, the ABN of the company	No data captured against this field.
ISSUERTYPE	Issuer_Type	The type of authority that issued the modification. Must use the appropriate authority types for the consent authority of the building work.	Authority Type mapped from the latest Decision, Decision Type nominated in the parameters for the Application Class.
ISSUEDBY	Issued_By	The name of the Authority that issued the Modification	If Issuer_Type = "Local Council (LGA)", then Description field from Municipality Code selected in the parameters for the Application Class. ELSE If Issuer_Type = "Private Certifier", then The Formatted Name of the first listed Issuing Private Certifier Name Role selected in the parameters for the Application Class. If no value, then output 'unknown' ELSE Output Issuer_Type

**The following fields are only populated where the Issuer\_Type is "Private Certifier"**

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
CERTACCNUM	Certifier_Accreditation_Number	Accreditation number of private certifier that issued CDC	The contents of the first listed Information Type that has been nominated in the parameters for Issuing Private Certifier Individual Accreditation Number. If no value, then output 'unknown'
CERTEMPNAM	Certifier_Employer	Name of the employer of the private certifier that issued CDC	The Formatted Name of the first listed Issuing Private Certifier Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'
CERTEMPABN	Certifier_Employer_ABN	ABN of the employer of the private certifier that issued CDC	The contents of the first listed Information Type that has been nominated in the parameters for the Issuing Private Certifier Employer ABN. If no value, then output 'unknown'
CERTEMPSUB	Certifier_Employer_Suburb	Suburb of the employer of the private certifier that issued CDC	Suburb from the Mailing Address of the first name against the Issuing Private Certifier Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
CERTEMPPOS	Certifier_Employer_Postcode	Postcode of the employer of the private certifier that issued CDC	The Postcode of the Mailing Address for the first name against the Issuing Private Certifier Name Role. If no value, then output 'unknown'

### LRPAPA9 – NSW BPB Notice

Output file: Notice.txt

Each instance of an issued document will be reported.

Only Letters matching a Merge Types selected in the parameters for the Application Class will be processed. Letters must also have been issued, i.e. letters must have been printed or e-mailed.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
SERVEDON	Served_On	Identifies the name of person on whom the notice was served	Consider the first Name linked to the document. IF The name is an Owner AND a Builder then "Owner-Builder" IF The name is an Owner and NOT a Builder then "Owner" IF The name is recorded as a Principal Contractor Name Role (as defined in the Control Form) AND If there is an Information Type existing for the "Principal Contractor Licence Number" then "Principal Contractor – Licensed" IF The name is recorded as a Principal Contractor Name Role (as defined in the Control Form) AND If there is NO Information Type existing for the "Principal Contractor Licence Number" then "Principal Contractor – Unlicensed"
DATEISSUED	Date_Issued	The date the notice was issued.	The date the document was printed or e-mailed, whichever is greater.

### LRPAPB0 – NSW BPB Critical Stage Inspection

Output file: CriticalStageInspection.txt

Each instance of an inspection will be reported.

Only Inspections matching one of the Inspection Types and Inspection Results selected in the parameters for the Application Class will be processed.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
INSPSTAGE	Stage	At which critical stage was this inspection performed?	Critical Stage Inspection mapped to the Inspection Type selected in the parameters for the Application Class.
INSPDATE	Inspection_Date		Inspection Date
INSPRESULT	Result	Result of the Inspection	Critical Stage Inspection Result mapped to the Inspection Result selected in the parameters for the Application Class.
CERTNAME	Certifier_Name	Name of the certifier who performed the inspection	Employee User Name from the user linked to the Inspection.
CERTACCNUM	Certifier_Accreditation_Number	Accreditation number of the certifier that performed the inspection	User must be set up in NAR. The contents of the first listed Information Type that has been nominated in the parameters for the Employee Accreditation.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
CERTEMPNAM	Certifier_Employer_Name	Employer of issuing certifier (i.e. Company/Council Name)	No data captured against this field.
CERTEMPABN	Certifier_Employer_ABN	ABN of employer of issuing certifier (i.e. Company/Council ABN)	No data captured against this field.
CERTEMPSUB	Certifier_Employer_Suburb	Suburb of place of business of employer of inspecting certifier	No data captured against this field.
CERTEMPPOS	Certifier_Employer_Postcode	Postcode of place of business of employer of inspecting certifier	No data captured against this field.

### LRPAPB1 – NSW BPB Interim Occupation Certificate

Output file: InterimOccupationCertificate.txt

Each instance of an issued permit and certificate will be reported.

Only permit and certificate with a document matching an Interim Occupation Certificate Merge Types selected in the parameters for the Application Class will be processed.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
CERTNUMBER	Certificate_Number	Interim occupation certificate number	The Certificate Number from the Permit & Certificate record on the Application. Number and Year E.g. 4/2012
DATEISSUED	Date_Issued	When was the interim occupation certificate issued?	IF The issuer type is Local Council (LGA) then use the date the document was printed or e-mailed, whichever is greater. ELSE IF the issuer type is Private Certifier then use the Date Issued on the Permit & Certificate record.
APPLDATE	Application_Date	When was the occupation certificate application received?	No data to be captured against this field.
APPLTYPE	Applicant_Type	Who applied for the interim occupation certificate	Consider the first Name linked to the document. IF The name is an Owner or matches any Owner on the Application = "Owner" Else Applicant_Type = "Owner's Agent"
APNTNAME	Applicant_Name	The name of the party that applied for the interim occupation certificate. Either the name of the owner, or the name of the owner's agent (i.e. the party acting on the owner's behalf)	No data to be captured against this field.
APNTORG	Applicant_Organisation	If the owner's agent is a company, the name of the company	No data to be captured against this field.
APNTORGABN	Applicant_Organisation_ABN	If the owner's agent is a company, the ABN of the company	No data to be captured against this field.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
ISSUERTYPE	Issuer_Type	The type of party that issued the interim occupation certificate	Occupation Certificate Issuer Type mapped to the Interim Occupation Certificate Merge Type in the Application Class.
ISSUEDBY	Issued_By	Current LGA name	Description field from Municipality Code selected on the Application.

**The following fields are only populated where the Issuer\_Type is "Private Certifier"**

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
CERTACCNUM	Certifier_Accreditation_Number	Accreditation number of private certifier that issued the interim occupancy certificate	The contents of the first listed Information Type that has been nominated in the parameters for Private Certifier Accreditation Number. If no value, then output 'unknown'
CERTNAME	Certifier_Name	The Full Name of the issuing certifier	Same as Certifier_Employer_Name.
CERTEMPABN	Certifier_Employer_ABN	ABN of employer of issuing certifier (i.e. Company/Council ABN)	The contents of the first listed Information Type that has been nominated in the parameters for the Principal Certifying Employer ABN. If no value, then output 'unknown'
CERTEMPNAM	Certifier_Employer_Name	Employer of issuing certifier (i.e. Company/Council Name)	The Formatted Name of the first listed Principal Certifying Authority Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'
CERTEMPSUB	Certifier_Employer_Suburb	Suburb of the employer of the private certifier that issued CDC	Output the Suburb of the Mailing Address for the 'first' listed Interim Occupation Certificate Certifier Employer
CERTEMPPOS	Certifier_Employer_Postcode	Postcode of the employer of the private certifier that issued CDC	Output the Postcode of the Mailing Address for the 'first' listed Interim Occupation Certificate Certifier Employer.

## LRPAPB2 – NSW BPB Final Occupation Certificate

Output file: FinalOccupationCertificate.txt

Only the first Instance of an issued permit and certificate will be reported.

Only permit and certificate with a document matching a Final Occupation Certificate Merge Types selected in the parameters for the Application Class will be processed.

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
WORKID	Work_Identifier	Unique identifier for each Application.	ABS code + Underscore + formatted application number. The ABS Code from the Municipality Code record selected in the parameters for the Application Class.
CERTNUMBER	Certificate_Number	Interim occupation certificate number	The Certificate Number from the Permit & Certificate record on the Application. Number and Year E.g. 4/2012
DATEISSUED	Date_Issued	When was the final occupation certificate issued?	IF The issuer type is Local Council (LGA) then use the date the document was printed or e-mailed, whichever is greater. ELSE IF the issuer type is Private Certifier then use the Date Issued on the Permit & Certificate record.
APPLDATE	Application_Date	When was the occupation certificate application received?	No data to be captured against this field.
APPLTYPE	Applicant_Type	Who applied for the final occupation certificate	Consider the first Name linked to the document. IF The name is an Owner or matches any Owner on the Application = "Owner" Else Applicant_Type = "Owner's Agent"

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
APNTNAME	Applicant_Name	The name of the party that applied for the final occupation certificate. Either the name of the owner, or the name of the owner's agent (i.e. the party acting on the owner's behalf)	No data to be captured against this field.
APNTORG	Applicant_Organisation	If the owner's agent is a company, the name of the company	No data to be captured against this field.
APNTORGABN	Applicant_Organisation_ABN	If the owner's agent is a company, the ABN of the company	No data to be captured against this field.
ISSUERTYPE	Issuer_Type	The type of party that issued the interim occupation certificate	Occupation Certificate Issuer Type mapped to the Final Occupation Certificate Merge Type in the Application Class.
ISSUEDBY	Issued_By	Current LGA name	Description field from Municipality Code selected on the Application.

**The following fields are only populated where the Issuer\_Type is "Private Certifier"**

FIELD NAME	BPB FIELD NAME	DESCRIPTION	DATA SOURCE & PROCESSING RULES
CERTACCNUM	Certifier_Accreditation_Number	Accreditation number of private certifier that issued the final occupancy certificate	The contents of the first listed Information Type that has been nominated in the parameters for Private Certifier Accreditation Number. If no value, then output 'unknown'
CERTNAME	Certifier_Name	The Full Name of the issuing certifier	Same as Certifier_Employer_Name.
CERTEMPABN	Certifier_Employer_ABN	ABN of employer of issuing certifier (i.e. Company/Council ABN)	The contents of the first listed Information Type that has been nominated in the parameters for the Principal Certifying Employer ABN. If no value, then output 'unknown'
CERTEMPNAM	Certifier_Employer_Name	Employer of issuing certifier (i.e. Company/Council Name)	The Formatted Name of the first listed Principal Certifying Authority Name Role selected in the parameters for the Application Class. If no value, then output 'unknown'
CERTEMPSUB	Certifier_Employer_Suburb	Suburb of the employer of the private certifier that issued CDC	Output the Suburb of the Mailing Address for the 'first' listed Final Occupation Certificate Certifier Employer
CERTEMPPOS	Certifier_Employer_Postcode	Postcode of the employer of the private certifier that issued CDC	Output the Postcode of the Mailing Address for the 'first' listed Final Occupation Certificate Certifier Employer.

### NSW Building Professionals Board Extract Exception Report

The following table lists the errors captured by the NSW Building Professionals Board Extract Exception Report.

ERROR NUMBER	ERROR MESSAGE
1	Decision not found.
2	Issuer Type not found.
3	Applicant not found.
4	Suburb not found.

ERROR NUMBER	ERROR MESSAGE
5	Postcode not found.
6	Municipality not found.
7	Owner not found.
8	Intended Land Use not found.
9	Pre-existing Dwellings not found.
10	Demolished Dwellings not found.
11	Number of Units not found.
12	Plan Number not found.
13	Surveyor not found.
14	Surveyor Accreditation Number not found.
15	Surveyor Accreditation Category not found.
16	Inspection Date not found.
17	Occupation Certificate Issuer Type not found.
18	Occupation Certificate Issue Date not found.
19	Surveyor Accreditation Category is invalid.
20	Issuer Type is invalid.
21	Occupation Certificate Issuer Type is invalid.
22	Builder Type could not be determined, an Owner-Builder or Principal Contractor is required.
23	Private Certifier not found.
24	National Construction Code could not be determined.

## NSW Building Professionals Report Extract

InforXtreme Incident: SYDC 13730331; SMART CLIENT;	DRN: 31361 KB:	Fix: 03107320;
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### NSW BUILDING PROFESSIONALS BOARD EXTRACT

The following changes have been made to the NSW Building Professionals Board Extract Parameters:

- “Surveyor Accreditation Number” has been changed to “BPB Accreditation Number”.
- “BPB Accreditation Number” has been changed to “BPB Accreditation Category”.

The following changes have been made to the NSW Building Professionals Board Extract:

- **CDC file:** If Issuer\_Type is “Private Certifier”, then Issuer\_Name is populated with the Issuing Private Certifier Individual name.
- **CC file:** If Issuer\_Type is “Private Certifier”, then Issued\_By is populated with the Issuing Private Certifier Individual name.
- **Modification file:** If Issuer\_Type is “Private Certifier”, then Issued\_By is populated with the Issuing Private Certifier Individual name.

# Debtors

## Enhancements

### Aged Balance Roll

InforXtreme Incident: COGC 11689622; SMART AND THICK CLIENT;	DRN: 31114 KB:	Fix:
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#### SETTING OF THE INVOICE PERIOD PAY-BY-DATE

Changes have been made to the way the Aged Balance Roll function sets the Pay by Date on the new Invoice Period that is created. Previously the Pay by Date was set by using the new Statement Date and incrementing that by the Term's Period and Frequency. This has been changed so that the Pay by Date is now set by using the existing Pay by Date and incrementing that by the Term's Period and Frequency.

# Document Management

## Enhancements

### Generic EDMS (GENCON) / Data Publisher Enhancement

InforXtreme Incident:

DRN: 29938

Fix:

KB:

#### GENCON / DATA PUBLISHER ENHANCEMENT

A new version of the Generic EDMS SDK version 1.12 is available on request that contains details of additional meta-data fields:

- Animal Has Attachments
- Animal Has Documents
- Application Has Attachments
- Application Has Documents
- Assessment Has Attachments
- Assessment Has Documents
- Booking Has Attachments
- Booking Has Documents
- Debtor Has Attachments
- Debtor Has Documents
- Infringement Has Attachments
- Infringement Has Documents
- Licence Has Attachments
- Licence Has Documents
- Name Has Attachments
- Name Has Documents
- Property Has Attachments
- Property Has Documents
- Register Has Attachments
- Register Has Documents
- Request Has Attachments
- Request Has Documents
- Trade Waste Has Documents
- Valuation Assessment Has Attachments
- Valuation Assessment Has Documents
- Water Billing Has Documents

In addition to this a change has been made to the Division Maintenance form to republish all properties in a Division when the Division is accepted to ensure an external GENCON EDMS integration is notified of changes to Titles and Parcels as part of a Division.

# ePathway System

## Enhancements

### ePathway System Parameters

InforXtreme Incident: SMART AND THICK CLIENT;	DRN: 31246 KB:	Fix:
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#### GLOBAL GOOGLE MAPS API KEY

An Infor supplied Google Maps API key will now be enforced for all customers. The option to override this API key will remain in place as a failsafe mechanism.

The relevant parameters for this feature are found in ePathway System Parameters.

### New & Change User Registration Enhancements

InforXtreme Incident: COGC 12547959; COGC 12456145; COGC 12759319; COGC 12608522; COGC 12596155; COGC 11613573; COGC 13335322;	DRN: 31156 KB:	Fix:
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#### NEW USER & CHANGE USER REGISTRATION ENHANCEMENTS

##### Formatted Address Autocomplete and Auto Update

The Formatted Address field now has inbuilt autocomplete capability which allows for partial addresses to be entered before selection from a dropdown list.

To avoid the inherent issues dealing with 3rd party product integrations (such as Google Maps Autocomplete) and potential data issues, online change of address will now only allow for automatic update (in Pathway) if the address already exists in the Pathway Name and Address Register (NAR). This will allow a Council Officer to review and control any 'new' addresses that may require creation in NAR. 'New' addresses in this context are those that do not currently exist in the council's NAR database (i.e. international, interstate, out-of-council, yet to be created council addresses).

For both New User Registration and Edit User Registration, the user will be able to key in their address components and will be assisted by an inbuilt autocomplete feature. The autocomplete feature will involve a validation service call to Pathway once a minimum number of numbers and/or characters has been entered. The best matching NAR addresses will subsequently appear in a dropdown ready for selection.

Features of the autocomplete are as follows:

- Any matching addresses found will be displayed in a dropdown select list (available for selection)
- The dropdown select list will be dynamically updated as the user continues to type
- In the case of no matching addresses or no selection from the dropdown, the user may simply complete the entry or a free format address and there is no auto update in Pathway

For example,

*ePathway*

Formatted Address	1 Kin
Other	1 King William St, Adelaide SA 5000 31 Kingsway Dr, Molendinar QLD 4214 123 King William St, Adelaide SA 5000 152 Kingston Tce, Kingston ACT 2060 2014 Booking St, Booking Suburb 81 Great Buckingham St, Redfern NSW 2016
Occupation	
Medicare Number	
ARN	

CityWatch

Formatted Address

1 Kin
1 King William St, Adelaide SA 5000
31 Kingsway Dr, Molendinar QLD 4214
123 King William St, Adelaide SA 5000
152 Kingston Tce, Kingston ACT 2060
2014 Booking St, Booking Suburb
81 Great Buckingham St, Redfern NSW 2016

Both *Formatted Address* and *Formatted Address Id* fields are required to facilitate the autocomplete functionality. If these fields are added to Page Layout, any selected property in the address autocomplete list will be updated automatically to Pathway. Note that the Formatted Address Id field will not be displayed on the form as it an internal field used for matching the address in Pathway.

Seq.	Label	Label O'ride	Width	Lines	Hover Text	Min. Value	Max. Value	Data Type	Boolean Display Action	Same Row	Display Only	Upper Case	Confirm Summary	Drop Down Select	Mandatory	Delete
1	Formatted Address	<input type="checkbox"/>	200	2				Memo	<input type="checkbox"/>							
2	Formatted Address Id	<input type="checkbox"/>	100					Integer	<input type="checkbox"/>							

Reminder: In order for Formatted Address Id (and Formatted Address itself) to be available to assign to an ePathway Page Layout it must first be assigned to New/Change User type and then exported via the following menu options:

- System Administration >> ePathway >> System Parameters >> User Field Types Maintenance
- System Administration >> ePathway >> System Processing >> Web Server Export

The Formatted Address field has always been available for Edit User Registration but is a new field introduced to allow for the auto update of addresses for New User Registrations. Previously, New User Registrations only allowed for address components and there were no auto updates into Pathway. Smart Mobile CityWatch Preferences therefore now also have this field available for the New User screen.

For example,

The screenshot shows the 'Smart Mobile CityWatch Preferences Maintenance' window. The 'Users' tab is active, and the 'New User' section is expanded. The 'Customise Labels' checkbox is checked. The following fields are listed with checkboxes:

- User Name
- Password
- Confirm Password
- Surname/Company Name
- Given Names
- On Behalf of Company Name
- Customer Type
- Formatted Address
- Address Line 1
- Address Line 2
- Suburb
- State Code
- Postcode
- Email Address
- Email Address Confirmation
- Home Phone Number
- Mobile
- Facebook User ID
- Home Phone Number
- Mobile Phone Number
- Builders Licence No.
- Occupation
- Mad Hatters Tea Party
- CRN (Centrelink Ref #)
- DVA Customer Id
- Delivery Method
- Payment Method
- Date Of Birth
- Customer Title
- Account Type
- Account Number

The 'Change User' section is also expanded, showing the following fields with checkboxes:

- Surname/Company Name
- Given Names
- On Behalf of Company Name
- Formatted Address
- Email Address
- Email Address Confirmation
- Home Phone Number
- Mobile
- Facebook User ID
- Home Phone Number
- Mobile Phone Number
- Builders Licence No.
- Occupation
- Mad Hatters Tea Party
- CRN (Centrelink Ref #)
- DVA Customer Id
- Customer Type
- Delivery Method
- Payment Method

Auto updates require that the Formatted Address field has been configured as an Auto Update field in the Field Types Maintenance form – refer to next section of this document for further details.

### New User Registration Auto Updates

The New User Registration function in ePathway and CityWatch will now allow for certain fields (including Formatted Address detailed above) to be automatically updated to Pathway. Fields can be selected for Auto Update on the User Field Types Maintenance form:

*System Menu >> System Administration >> ePathway >> System Parameters >> User Field Types Maintenance (NEW USER)*

The screenshot shows the 'User Field Types Maintenance' window for the 'New User Registration' function. It features two main panels: 'Available Fields' and 'Function Fields'. The 'Available Fields' panel lists fields like 'Address Line 1', 'Address Line 2', 'Suburb', 'State Code', 'Postcode', 'Corporate E-mail', 'Account Number', and 'Email Address Confirmation'. The 'Function Fields' panel lists fields like 'Centrelink Consent', 'Formatted Address Id', 'Formatted Address', 'Email Address', 'Home Phone Number', 'Phone (Mobile & SMS)', 'Customer Type', 'Delivery Method', 'Payment Method', 'Customer Title', 'Account Type', 'User Name', 'ABN', 'ACN', 'Medicare Number', 'Occupation', 'Date Of Birth', 'Surname/Company Name', and 'Given Names'. Each field in the 'Function Fields' panel has two checkboxes: 'Mandatory' and 'Auto Update'. The 'Auto Update' checkboxes for 'Email Address', 'Formatted Address', 'Date Of Birth', 'User Name', 'ABN', 'ACN', 'Medicare Number', 'Occupation', and 'Given Names' are checked. The 'Mandatory' checkbox for 'User Name' is also checked. The 'Available Fields' panel has a green highlight on 'Address Line 1' and two arrows pointing between the panels.

Fields which are selectable for Auto Update for New User:

- Email Address
- Formatted Address
- Date of Birth
- Name Communication Types
- Name Information Types

Note: The Email Address field will also be defaulted to Auto Update ON. All remaining fields will have the Auto Update flag OFF as the initial default.

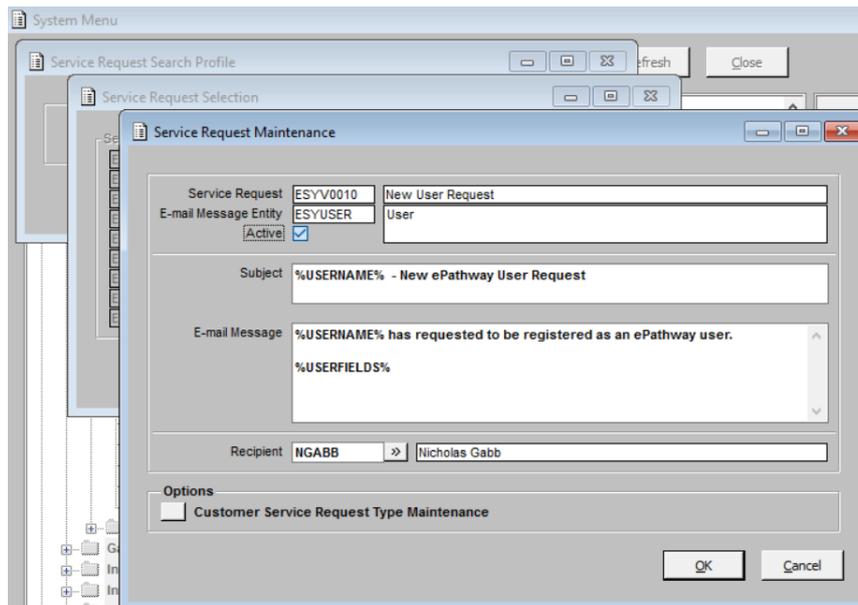
Although not selectable as Auto Update, the following fields will continue to always be updated for New User registration if present:

- Customer Type
- Delivery Method
- Payment Method

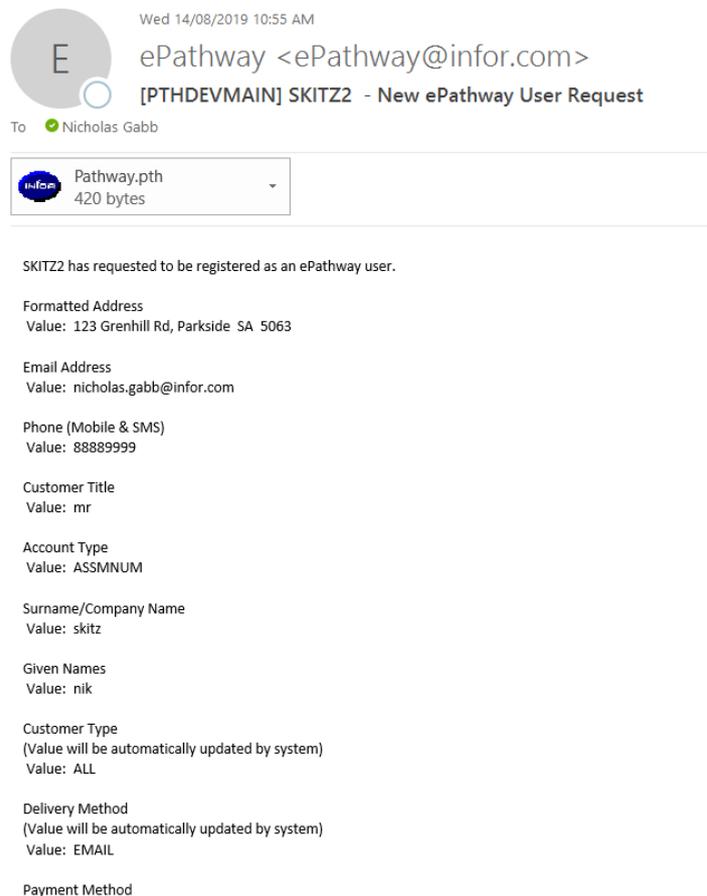
For New User Registration there is now provision to configure the display of User Fields (and a Matched Address flag) in the email issued to the Council Officer. As per Edit User Registrations, this will show a consolidated list of field values.

For example,

*System Menu >> System Administration >> ePathway >> System Parameters >> Service Request Maintenance -> (ESYV0010 - NEW USER REQUEST)*

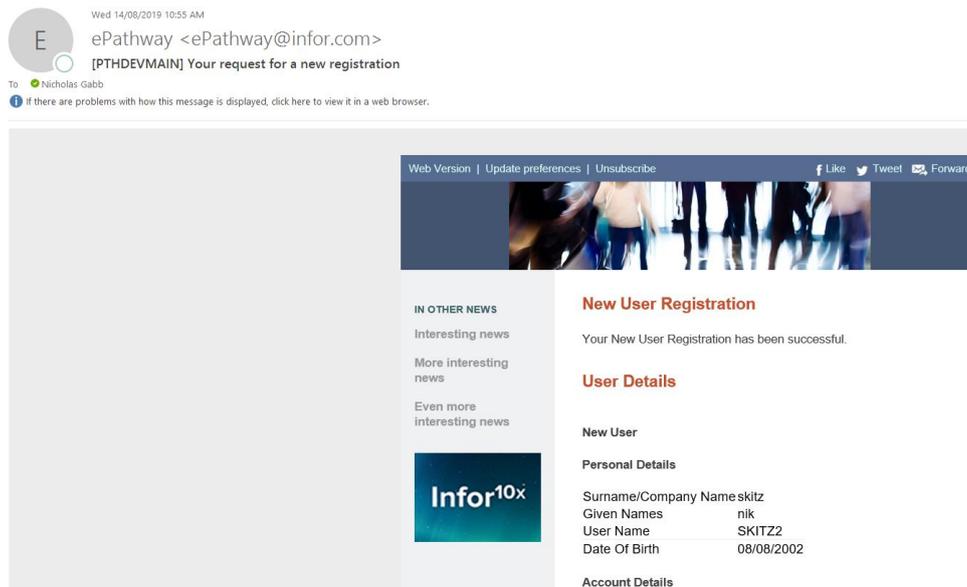


Yields the following output:



As per previously existing functionality, an email will also be sent to the customer confirming the New User Registration and their registration details.

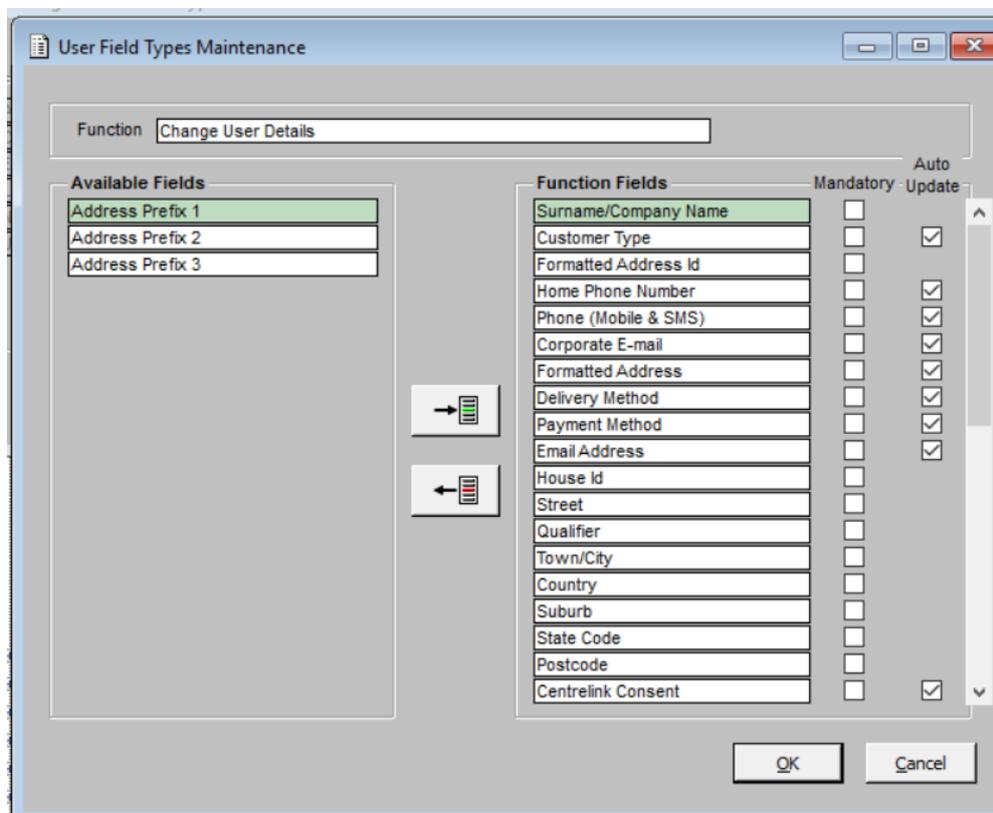
For example,



### Edit User Registration Auto Updates

The Edit User Registration function in ePathway and CityWatch will now allow for certain fields (including Formatted Address detailed above) to be automatically updated to Pathway. Fields can be selected for Auto Update on the User Field Types Maintenance form:

*System Menu >> System Administration >> ePathway >> System Parameters >> User Field Types Maintenance (CHANGE USER)*



Fields which are selectable for Auto Update for Edit User:

- Email Address

- Formatted Address
- Name Communication Types
- Name Information Types
- Customer Type
- Delivery Method
- Payment Method

Note: Each of the above fields will have the Auto Update flag OFF as the initial default.

An email (if configured) will be issued to the Pathway Council Officer advising them of the Edit User Registration details entered online. The email will contain the "From" and "To" details for any user profile detail that is edited by the user. In addition to this, data to assist in the identification of the person (e.g. Name Key, User Name and User Profile contact details may be configured for display in this email). To achieve this, a "USERFIELDS" token may be configured to display a consolidated list of field values that have been changed in addition to any individual fields.

For example,

System Menu >> System Administration >> ePathway >> System Parameters >> Service Request Maintenance → (ESYV0020 - CHANGE USER REQUEST)

**Service Request Maintenance**

This form is for internal use only

Service Request: ESYV0020  
 E-mail Message Entity: ESYUSER  
 Active:

Change User Request  
 User

Subject: Change User Request

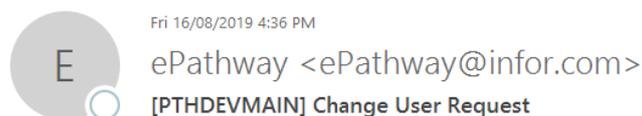
E-mail Message: %USERNAME% has requested to change their registration details as follows:  
 %USERFIELDS%  
 %TPKCNAIDTY%  
 %SURNAME%

Recipient: NGABB >> Nicholas Gabb

Options  
 Customer Service Request Type Maintenance

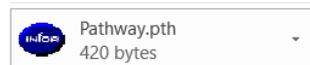
OK Cancel

Yields the following output:



To  Nicholas Gabb

 We removed extra line breaks from this message.



HUGH has requested to change their registration details as follows:

Email Address

(Value was automatically updated by system)

From: [nicholas.gabb@infor.com](mailto:nicholas.gabb@infor.com)

To: [nicholasgabb@hotmail.com](mailto:nicholasgabb@hotmail.com)

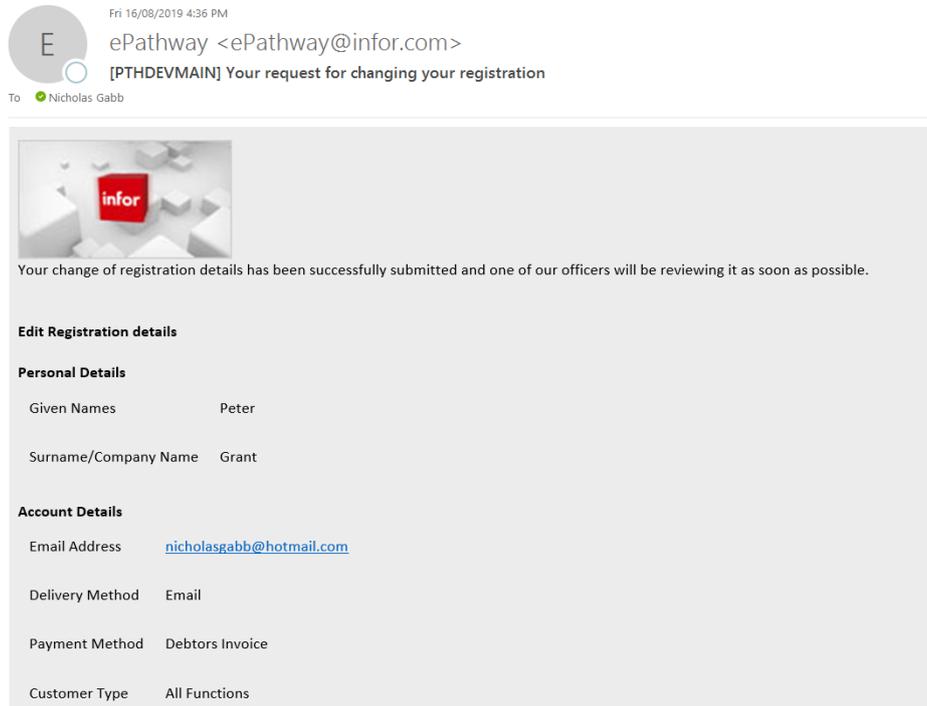
17183

Grant

Below is a complete list of configurable fields/tags (both Original Value and Changed Value):

SURNAME  
SURNAME\_ORIG  
GIVENNAMES  
GIVENNAMES\_ORIG  
COMPANYNAME  
COMPANYNAME\_ORIG  
FORMATTEDADDRESS  
FORMATTEDADDRESS\_ORIG  
EMAIL  
EMAIL\_ORIG  
DELIVERYMETHODCODE  
DELIVERYMETHODCODE\_ORIG  
PAYMENTMETHODCODE  
PAYMENTMETHODCODE\_ORIG  
CUSTOMERTYPECODE  
CUSTOMERTYPECODE\_ORIG  
COMMUNICATIONTYPE1  
COMMUNICATIONTYPE1\_ORIG  
COMMUNICATIONTYPE2  
COMMUNICATIONTYPE2\_ORIG  
COMMUNICATIONTYPE3  
COMMUNICATIONTYPE3\_ORIG  
COMMUNICATIONTYPE4  
COMMUNICATIONTYPE4\_ORIG  
COMMUNICATIONTYPE5  
COMMUNICATIONTYPE5\_ORIG  
INFORMATIONTYPE1  
INFORMATIONTYPE1\_ORIG  
INFORMATIONTYPE2  
INFORMATIONTYPE2\_ORIG  
INFORMATIONTYPE3  
INFORMATIONTYPE3\_ORIG  
INFORMATIONTYPE4  
INFORMATIONTYPE4\_ORIG  
INFORMATIONTYPE5  
INFORMATIONTYPE5\_ORIG  
TPKCNAIDTY

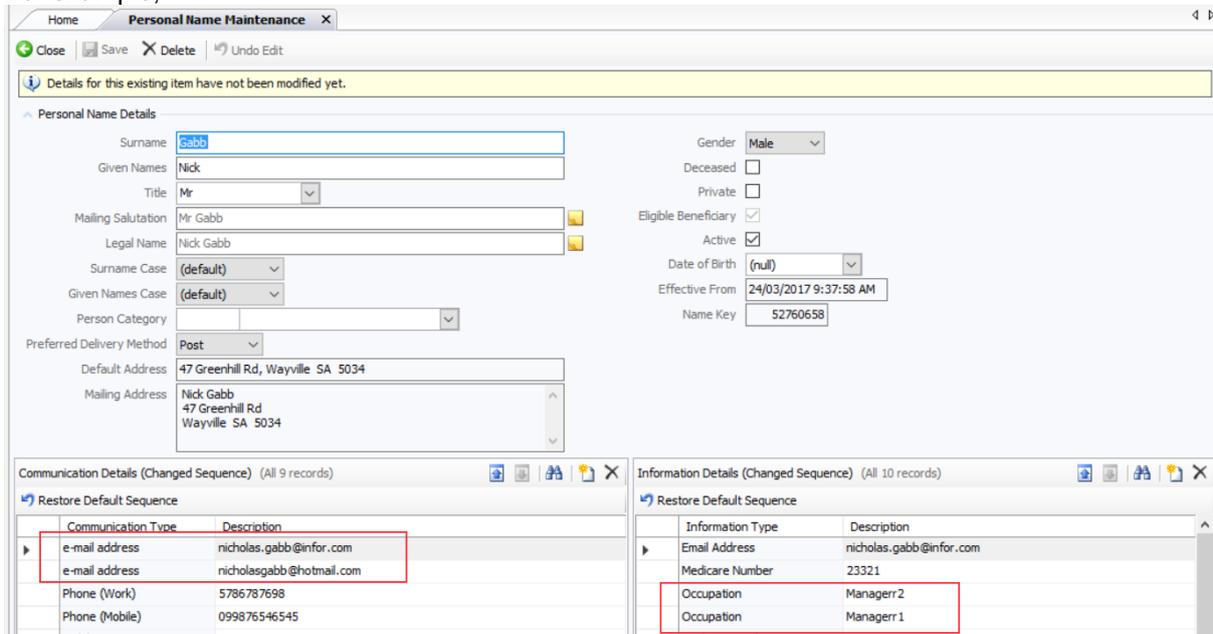
An email will also be sent to the customer confirming the change(s) to their profile. If the user enters a new/different email address, then this email address will be used for this email correspondence. For example,



**Auto Update to Pathway**

For Communication Types, Information Types, Formatted Address and the Email Address if there is an existing value for the field, the new value will be added and prioritised (where auto updates occur).

For example,



For Formatted Address, an auto update will only take place if the address was selected from the validated dropdown list. In otherwords, only validated Pathway addresses will be auto updated into Pathway (as the Default Mailing Address). Furthermore, the auto update retains existing addresses

(with a date stamp) except in the case where address has been changed multiple times on the same day. In that case, only the most recent address change is retained.

For example,

The screenshot shows a software window titled 'Default Address Maintenance'. It contains a table with the following columns: Date Effective, Requested Date Effective, Alternate Address, Formatted Address, and Mailing Address. A red box highlights the first two rows of the table.

Date Effective	Requested Date Effective	Alternate Address	Formatted Address	Mailing Address
24/06/2018		(default)	47 Greenhill Rd Wayville SA 5034	Nick Gabb 47 Greenhill Rd Wayville SA 5034
23/06/2018		(default)	45 Greenhill Rd Wayville SA 5034	Nick Gabb 45 Greenhill Rd Wayville SA 5034
22/06/2018		(default)	37 Greenhill Rd Wayville SA 5034	Nick Gabb 37 Greenhill Rd Wayville SA 5034
21/06/2018		(default)	19 Smith St NY 10305	Nick Gabb 19 Smith St NY 10305
20/06/2018		(default)	13 Greenhill Rd Wayville SA 5034	Nick Gabb 13 Greenhill Rd Wayville SA 5034

### Customer Request associated to User Registration

Where configured, a Customer Request is automatically created for each Change (or New) User Registration. A Pathway Note on the associated Customer Request record will detail the fields that have changed. This will allow the Council’s Actioning Officer to review and reconcile relevant information in Pathway.

For example, an Email Address has been automatically updated:

The screenshot shows a software window titled 'Request 184909 Enquiry'. It displays various request details such as Request Number (184909), Request Source (ePathway), and Requester Type Code (EPW). A 'Notes Summary' popup is visible, showing a note from 19-Aug-2019 10:47:30 by Nicholas Gabb - GENERAL. The note describes a request to change registration details and lists an updated email address.

**Notes Summary**

19-Aug-2019 10:47:30 - Nicholas Gabb - GENERAL  
 NGABB has requested to change their registration details as follows:

Email Address  
 (Value was automatically updated by system)  
 From: nicholasgabb@hotmail.com  
 To: nicholas.gabb@infor.com

For example, a Formatted Address that has NOT been automatically updated:

The screenshot displays the 'Request 184920 Enquiry' page in the ePathway system. The main form contains the following details:

- Request Number:** 184920
- Request Source:** ePathway
- System Date Entered:** 19/08/2019 3:10:55 PM
- Date Received:** 19/08/2019 3:10:55 PM
- Respond by:** 20/08/2019 3:10:55 PM
- Request Type Code:** ESY222 ePathway - Change User Request
- Receiving Officer:** NGABB Nicholas Gabb
- Responsible Officer:** NGABB Nicholas Gabb
- Actioning Officer:** NGABB Nicholas Gabb
- Contact Type Code:** EMAIL Electronic Mail
- Requestor Type Code:** EPW ePathway User
- Request Status:** ENTERED Entered
- System Completion Date:** (empty)
- Date Responded:** (empty)
- Time Taken:** (empty)
- Days:** Working Days
- Priority:** 3
- Date Priority Last Modified:** 19/08/2019 3:10:55 PM
- Available to Public:**

A 'Notes Summary' window is open, showing the following content:

19-Aug-2019 15:10:55 - Nicholas Gabb - GENERAL  
 NGABB has requested to change their registration details as follows:

Postal Address  
 From: 13 Greenhill Rd, Wayville, SA 5034  
 To: 15 OutofCouncil St, Outerville, USA, 59832

The main interface also includes a 'Notes' section with a table listing the note:

User Identifier	Date and Time	Note Type Code	Description
NGABB	19/08/2019 3:10:55 PM	GENERAL	NGABB has requested to change their registration details as follows: Postal Address

# ePathway General Enquiry

## Enhancements

### Application/Licence Responses

InforXtreme Incident: COGC 11648654; SMART AND THICK CLIENT;	DRN: 31211 KB:	Fix:
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#### APPLICATION/LICENCE DETAILS RESTRICTION FOR NON-STAKEHOLDERS

Previously it was possible for non-stakeholders of a Licence/Application to view the Application/Licence General Enquiry details form by using the various Previous/Back/Details navigation buttons on the entry forms accessible via the links sent to Letter/Email recipients. ePathway has been changed to ensure these navigation buttons are no longer presented to non-stakeholder users.

# Licensing

## Enhancements

### Bulk Fees Transfer

InforXtreme Incident: COGC  
11569338;  
SMART CLIENT;

DRN: 30961

Fix:

KB:

#### BULK FEES TRANSFER

An enhancement has been made to the Bulk Fee Transfer to allow credit notes to be transferred to Debtors.

The screenshot shows the 'Bulk Fees Transfer' application window. At the top, there are buttons for 'Close', 'Submit', and 'Clear'. Below this is a status bar that says 'Ready.'. The main area is titled 'Search Options' and contains a search form. The form includes fields for 'Role Type' (set to 'LLC'), 'Licence Number' (with a range selector), and 'Expiry Date' (with a range selector). There are four checkboxes: 'Transfer Invoices' (checked), 'Print Invoices' (unchecked), 'Transfer Credit Notes' (unchecked), and 'Print Credit Notes' (unchecked). The 'Transfer Credit Notes' and 'Print Credit Notes' checkboxes are highlighted with an orange border. Below these are 'Job Type' (set to 'Report Only') and a 'Class' dropdown menu with options: 'Environmental Health Licences' (checked), 'North Shore Debtors Licence class', 'David Farr's Class', and 'Advertising Licences (THolton)'. A 'Select All' checkbox is at the bottom.

*Bulk Fees Transfer form showing the new Credit Note related check boxes*

The new “Transfer Credit Notes” and “Print Credit Notes” check boxes control whether Credit Notes are transferred and printed respectively.

The “Transfer Invoices” check box is also new and controls whether Invoices are transferred.

When submitting the job at least one of the “Transfer Invoices” or “Transfer Credit Notes” check boxes must be checked on.

If Credit Notes are to be printed a Credit Note Merge Type must first be nominated for the relevant Application Classes (see below).

#### DEBTOR BULK GENERATION PARAMETERS

An enhancement has been made to the Debtor Bulk Generation Parameters for a Licensing Class (accessed via Licensing >> Licensing Parameters) to allow a Credit Note Merge Type to be nominated for use when printing Credit Notes using the Bulk Fees Transfer function.

The screenshot shows a dialog box titled "Debtor Bulk Generation Parameters". It contains the following fields and options:

- Class Details:** A text field for "Description" containing "Environmental Health Licences".
- Invoice Merge Type:** A dropdown menu showing "INV" with a right-pointing arrow, followed by a text field containing "Invoice".
- Credit Note Merge Type:** A dropdown menu showing "CN" with a right-pointing arrow, followed by an empty text field. This row is highlighted with an orange border.
- Options:** Two checkboxes, "Types" and "Status", both of which are currently unchecked.
- Buttons:** "OK" and "Cancel" buttons at the bottom right.

## EXCEPTIONS REPORT

A minor change has been made to the Exceptions Report produced by the Bulk Fees Transfer and Bulk Invoices Print functions. The message "This Application/Licence is processed" has been simplified to just say "Processed".

## Licence Entry

InforXtreme Incident: COGC  
11582633;  
SMART CLIENT;

DRN: 30973  
KB:

Fix:

## LICENCE ENTRY

A modification has been made to the Licence Entry form so that the Account Method Override cannot be changed if Fees have been added. If the Account Method Override needs to be changed it is necessary to first delete the Fees that have been added during the entry process.

# Property Administration

## Enhancements

### Property Summary

InforXtreme Incident: SMART AND THICK CLIENT;	DRN: 31246 KB:	Fix:
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#### GLOBAL GOOGLE MAPS API KEY

An Infor supplied Google Maps API key will now be enforced for all customers.

The relevant parameters for this feature are found in Property System Parameters are now only visible/maintainable as the Pathway system user to ensure an option to override this API key remains in place.

### Property Division Maintenance / Enquiry

InforXtreme Incident: COGC 12592816; COGC 10976108 THICK CLIENT;	DRN: 31293 KB:	Fix:
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#### PROPERTY ADMINISTRATION >> DIVISION MAINTENANCE / ENQUIRY

Changes have been made to the processing of accepted and rejected Divisions on the Division Maintenance / Enquiry form to capture a snapshot of the state of the Division details including the property summary details as of the time the Division is accepted or rejected. This results in property, title and parcel details for an accepted Division not changing when a subsequent Division occurs for the same property, title or parcel.

### Property Maintenance

InforXtreme Incident: SMART CLIENT;	DRN: 31419 KB:	Fix:
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#### PROPERTY SERVICES SELECTION / PARCEL SERVICES SELECTION

Enhancements have been made to the Smart Client forms so that the Date Installed, Date Removed and Missing Date of the services are shown in the Service section of the Property Services Selection and the Parcel Services Selection forms.

# Rates Accounting

## Enhancements

### Assessment Maintenance

InforXtreme Incident: COGC 11569251; SMART CLIENT;	DRN: 30965  KB:	Fix:
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#### DIRECT DEBIT MAINTENANCE

An enhancement has been made to the Direct Debit Maintenance form. A new 'Audit - Schedule' option is now available to allow viewing of audit details for the fields displayed in the 'Schedule' section on the form. The option is available when maintaining or enquiring upon an existing Scheduled Direct Debit.

### Waste Rate Type Verification

InforXtreme Incident: COGC 13183902; SMART CLIENT;	DRN: 31269  KB:	Fix:
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Enhancements have been made to the Waste Rate Type Verification function to cater for the following two situations:

- Issue 1: Shared Service Reference Numbers.
- Issue 2: Part Sales and Amalgamations.

#### Issue 1. Shared Service Reference Numbers:

The problem for this scenario occurs when a new Community Title Instance is created which no longer contains a Property that was included in the previous Instance, as that Property has become Historic due to a property division occurring. Previously when this scenario was encountered the Waste Rate Type Verification function would issue the error message 'The Assessments for the Services with the same Reference are not all in the same Community Title'. Changes have been made so that this situation is catered for.

Some details relevant to this issue:

- When using the Division functionality for this scenario it results in new properties/assessments being created and the required originating properties being made Historic. As part of this, new parcels are created for the new properties and the parcels of the now-historic properties are made Historic.
- When there is a change of Properties/Assessments for a Community Title, a new Instance for the Community Title is created which contains the new set of Properties/Assessments. This new Instance has its Instance Date set to the Date of Registration as provided by the DNRM. In this situation all existing shared services for the Community Title scheme will be terminated and new services with new reference numbers will be created. The terminated services will have the Date Removed set to the day before the Date of Registration. The new services will be created with the Date Installed set to the Date of Registration.
- The Waste Rate Type Verification function currently does not process Historic properties – this will not be changed. To cater for when a Property is changed to Historic, a Supplementary Entry will be created manually so that the required credits are created for the Waste Rate Types as well as general Rate Types etc. Waste Rate Types in the Supplementary will be changed to 'Suspended' from the date they are no longer applicable.

- A situation can occur when the Waste Rate Type Verification is run when a new Community Title Instance has been created but the changes for the services reflecting that change have not yet been imported into Pathway. When this occurs the error message 'The Assessments for the Services with the same Reference are not all in the same Community Title Instance' will be printed. A user will then temporarily change the latest Community Title Instance to unbalanced. When the Waste Rate Type Verification function is run again the error message will not be issued.
- A situation can occur where a Division is completed, and a new Community Title Instance created, and then another Division is completed, and another new Community Title Instance created before an upload of Services information occurs that contains details of the change of services pertaining to the first Division. This situation only occurs rarely and will be handled manually.

### Issue 2: Part Sales and Amalgamations:

The problem for this scenario occurs when a property division or amalgamation is performed, where one of the parcels has a service attached. Previously when this situation occurred the Waste Rate Type Verification would issue the error message 'Service is recorded for Assessment XXXXX rather than Assessment YYYYY'. This problem occurred as when using the Division Maintenance functionality for this scenario, parcels were moved from one property to another rather than an existing parcel being made Historic and a new parcel being created. Changes have been made so that this situation is catered for.

Some details relevant to this issue:

- When using the Division functionality for this scenario, parcels are moved from an existing property to the new property and the originating properties are made Historic.
- To cater for a Property being changed to Historic, a Supplementary Entry will be created manually so that the required credits are created for the Waste Rate Types as well as general Rate Types etc. Waste Rate Types in the Supplementary will be changed to 'Suspended' from the date they are no longer applicable.

## Supplementary Rate Notice Report

InforXtreme Incident: COGC 10996807; SMART AND THICK CLIENT;	DRN: 31304 KB:	Fix:
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### SUPPLEMENTARY RATE NOTICE REPORT CONTROL

The following fields are now available for inclusion in Supplementary Rate Notice Report export files.

- Current Rating Period Start Date
- Current Rating Period End Date
- Pending Fine Amount
- Pending Fine Date

These can be included on an Export Format defined over the Supplementary Rate Notice Report Table (LRPRA23) using the Export Format Data String Maintenance function available in Rates Accounting >> Housekeeping.

## End of Period Roll

InforXtreme Incident: COGC 11165763; SMART AND THICK CLIENT;	DRN: 31018 KB:	Fix:
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ALLOW PENDING DISCOUNT TO BE ROLLED INTO THE NEW RATING PERIOD.

Enhancements have been made to the End of Period Roll to allow Pending Discount transactions that have not yet expired to be rolled forward into the new period. This has been provided to cater for those debts that are raised late in the current rating period being due in the new rating period, and consequently discount for those debts still being available in the new rating period.

The End of Period Roll Control form has been changed by the addition of the new Roll Pending Discount parameter. This parameter is only shown if Discounting is in use in the Rates Accounting or Water Billing or Trade Waste modules. When the End of Period Roll is run with this parameter checked, all Pending Discount transactions due after the nominated End of Period Date are rolled forward into the new Rating Period. The currently functionality of deleting all Pending transactions in the current period remains unchanged.

# Receipting

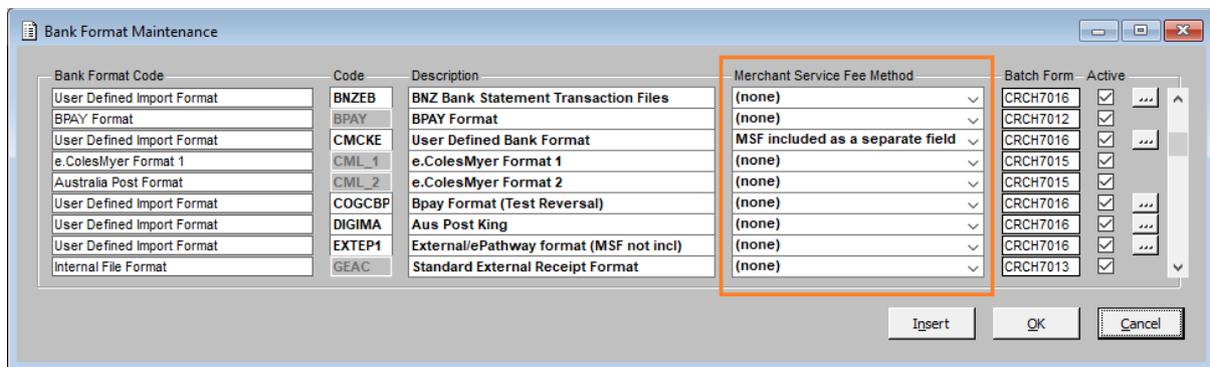
## Enhancements

### External Receipt Import

InforXtreme Incident: COGC 11609636;  
 SMART CLIENT;  
 DRN: 30981  
 KB:  
 Fix:

#### BANK TAPE FORMAT

An enhancement has been made to Bank Tape Format Maintenance to allow a Merchant Service Fee Method to be nominated for a Bank Tape Format. If entered, the Merchant Service Fee Method will be used by the External Receipt Import control form as described below.



Bank Format Maintenance showing the new Merchant Service Fee Method

#### EXTERNAL RECEIPT IMPORT

An enhancement has been made to the External Receipt Import Control form to help prevent the wrong Merchant Service Fee Method from being selected for the file being imported.

The Merchant Service Fee Method is now automatically set (and cannot be changed) if the selected Bank Format has a Merchant Service Fee Method nominated in the Bank Tape Format parameters.

External Receipt Import showing the Merchant Service Fee Method defaulted from the Bank Format

## Online Receipting Credit Card Details Storage

InforXtreme Incident: PARA  
13625363;  
SMART CLIENT;

DRN: 31328

Fix:

KB:

### ONLINE RECEIPTING CREDIT CARD STORAGE

An enhancement has been made to allow councils to choose whether to store Credit Card details for online receipting transactions performed by cashiers. In addition to the current options of details being held unencrypted or encrypted (controlled by the number display parameter on the Payment Group), councils can now choose to not store the details at all for a Payment Group.

It should be noted that by default existing behaviour will persist.

The other change made is to no longer store the CSC/CRC number at all for online receipts. Longer term the field will likely be removed. This is to comply with PCI-DSS compliance.

### PAYMENT GROUP PARAMETERS

The Payment Group parameters now includes a “Store Card Number” field. This field is only available if the Number Field Display option is checked and is used in conjunction with the Display Template.

Receipting >> Receipting Parameters >> Payment Group Filter

Payment Group	ADVAM
Description	Credit Card Payments via Advam
Number Field	Mandatory
Number Field Display	<input checked="" type="checkbox"/>
Display Template	#####
Store Card Number	Store (Encrypted)
CSC Field	Mandatory
Date Exp Field	Mandatory
BSB Fields	Not Used
Drawer Field	Not Used
Remittance Number Field	Not Used
Detail on Bank Deposit	<input checked="" type="checkbox"/>
Direct Debit	<input checked="" type="checkbox"/>
Include in Total	<input type="checkbox"/>
Give Change	<input type="checkbox"/>
Round Total Amount	<input type="checkbox"/>
Allow Negative	<input type="checkbox"/>
Apply Transaction Limit	<input checked="" type="checkbox"/>
Active	<input checked="" type="checkbox"/>

The default for existing payment groups is to retain existing behaviour. I.e. "Store (Encrypted)".

Also, as per existing behaviour the Number Field Display parameters cannot be altered once transactions have been made to the payment group to keep the integrity of the encrypted fields. Once a transaction has been made the fields will be unavailable for change as shown below.

**Payment Group Maintenance**

Payment Group: **ADVAM**

Description: **Credit Card Payments via Advam**

Number Field: **Mandatory**

Number Field Display:

Display Template: #####

Store Card Number: **Do Not Store**

CSC Field: **Mandatory**

Date Exp Field: **Mandatory**

BSB Fields: **Not Used**

Drawer Field: **Not Used**

Remittance Number Field: **Not Used**

Detail on Bank Deposit:

Direct Debit:

Include in Total:

Give Change:

Round Total Amount:

Allow Negative:

Apply Transaction Limit:

Active:

More OK Cancel

The new behaviour of not storing the Credit Card details only occurs if the new Store Card Number fields is set to “Do Not Store” as shown above. In this case, when an Online Receipt is done for this payment group, the card number will not be held within the database - only the masked number will be stored for reference.

This table summarise the behaviour of the database field values (fields from CRCLINE and CRCPAYL tables) in accordance with the payment group settings.

Payment Group Setting	CHQNUMBER	ENCRYPTDATA	STRONGENC	CSC
Number Field Display unchecked	Unencrypted number stored. E.g. 4111432143214321	Null	0	Null
Number Field Display checked, “Store (Encrypted)”	Masked number stored. Eg 4111*****4321	Encrypted number stored. Data will not be human readable.	1	Null
Number Field Display checked, “Do Not Store”	Masked number stored. Eg 4111*****4321	Null	0	Null

#### ONLINE RECEIPTING REVERSAL

No longer storing credit card details has an obvious impact with regards to reversing an online receipt.

When set to “Store (Encrypted)” the system will retain existing behaviour, which is to automatically reverse the payment transaction using the credit card details already known.

When set to “Do Not store” the system will behave in a similar manner to transactions that come from web based transactions from ePathway where the card details are not stored. The transaction can be

reversed via Receipt Maintenance which will reverse the allocation to the Pathway business object (E.g. If \$100 was originally paid to an Application, then reversing the transaction will ensure the \$100 debt is re-applied to that Application). However, the refund to the customer cannot be automatically processed as before. It is up to the cashier to manually process the refund.

To help prompt the cashier, an information pop-up and associated email will be sent.

E.g.

The screenshot shows the 'Receipt Maintenance' window with a 'Pathway' pop-up. The pop-up message states: 'The transaction to credit \$10.00 back to the customer cannot be automatically processed as the system settings for this Payment Group is set to not store the complete credit card details. Please manually process.' It also provides transaction details: Transaction Type: Credit, Original Transaction ID: 1X15058910, CUSTREF: 1963, and Comment1: 1234592390. A final instruction reads: 'You need to manually perform a refund transaction to return funds.' An 'OK' button is visible at the bottom of the pop-up.

The main window shows receipt details for Receipt Number 1234592390, Recipient Name Michael James Liet, and Receipt Status Unbanked Reversesec. Below this is a table of Receipt Lines:

Application Code	Reference	Qualifier	Description	Processed	Payment Type	Amount
AP	DEV1/28/2012//LD		Example Unstored Card Payment	<input checked="" type="checkbox"/>		10.00
			Payment		Visa	-10.00
AP	DEV1/28/2012//LD		Unstored Reversal	<input checked="" type="checkbox"/>		-10.00
			Unstored Reversal		Visa	10.00
Amount Paid						0.00
Amount Tendered						0.00
Change						0.00

## Receipt Entry

InforXtreme Incident: COGC  
10713761;  
SMART CLIENT;

DRN: 30360  
KB:

Fix:

### RECEIPT ENTRY

An enhancement has been made to the Receipting module. Previously, when a receipt with multiple Payment Lines with different Payment Type Suffixes was accepted, the Bank Reference on the financial transactions posted to the Bank Account were allocated a suffix of "X" (to indicate mixed Payment Type Suffixes). This has now been enhanced so that the financial transactions posted to the Bank Account reflect the different Payment Type Suffixes of the Payment Lines receipt instead of allocating a suffix of "X".

For example, consider a Receipt with the following Receipt Lines:

- Line 1 - Allocation Line paying a debt of \$100.00
- Line 2 - Payment by Credit Card for \$-80.00 with Bank Reference "190709C" (Payment Type Suffix "C")
- Line 3 - Payment by Cash for \$-20.00 with Bank Reference "190709" (no Payment Type Suffix)

Previously the following financial transactions were posted to the Bank Account:

- a) Bank Account, Bank Reference "190709X", \$100.00

This has been enhanced so that the following financial transactions are now posted to the Bank Account:

- a) Bank Account, Bank Reference "190709C", \$80.00  
b) Bank Account, Bank Reference "190709", \$20.00

Note that the number of financial transactions written to the Bank Account can differ depending on the nature of the Allocation Lines being paid. However, the total amounts posted per Bank Reference now always reflects the Payment Lines on the receipt.

## Receipt Entry

InforXtreme Incident: COGC DRN: 30897 Fix:  
11487104;  
SMART AND THICK CLIENT; KB:

### RECEIPT ENTRY

An enhancement has been made to the calculation of the tax amount for taxable Merchant Service Fee (MSF) allocation lines. When determining the taxable proportion of a MSF amount the taxability of any debts paid by Debtor allocation lines is now taken into account. Previously this was never the case. This new behaviour is controlled by a Debtor system parameter as described further below.

#### Example

Consider a receipt payment of a Debtor invoice with one invoice line that is taxable and another invoice line that is not. For example, a \$400 invoice with one taxable invoice line of \$100 and one non-taxable invoice line of \$300. In this case 25% of the \$400 invoice is taxable.

If the payment attracts a taxable MSF then 25% of that MSF is deemed to be taxable. So, if the MSF is \$20 then \$5 is taxable, and the MSF tax amount is  $\$5 / 11 = \$0.45$  (inclusive GST of 10% rounded to nearest cent).

If the receipt were printed it would appear as follows (assuming the receipt format is configured to print Tax Amounts):

		Tax Amount	Amount	Tax Flag
DR 642 2125	Debtor allocation line		400.00	
RC MSF	Taxable MSF allocation line	0.45	20.00	*
Payment	Credit Card Payment (attracts 5% MSF)		-420.00	

### EXTERNAL RECEIPT IMPORT / PROCESS EXTERNAL RECEIPTS

The enhancement to the calculation of the tax amount for taxable Merchant Service Fee (MSF) allocation lines has also been implemented in the External Receipt Import and Process External Receipts functions. Again, this is controlled by a Debtor system parameter described further below.

This only applies when receipts are imported with the Merchant Service Fee Method set to "MSF included in paid amount" or "MSF included as a separate field" on the External Receipt Import control

form, because these are the only situations that result in each imported allocation line having its own dedicated MSF allocation line (if applicable) on the same receipt.

External CRC Validation Report

When this report is produced by the Process External Receipts function when run in “Validate and Update” mode the MSF tax amounts reported will take into the taxability of Debtors debts being paid.

However, when this report is produced by the External Receipt Import or by the Process External Receipts function when run in “Validate Only” mode the MSF tax amounts reported will \*not\* take into the taxability of Debtors debts being paid, and an informational message will be printed (if there is a Debtor allocation line and a taxable MSF allocation line present):

“\* Note that any MSF Tax for Debtor Allocation Lines will only appear on the report when the Batch is Updated.”

The reason for this is that it cannot be known for certain which debts will be paid by a Debtor allocation line until the receipt is updated and the allocation line posted in Debtors and apportioned to outstanding debts. Hence the taxable proportion of the MSF cannot be determined until the batch is updated.

DEBTORS PARAMETER MAINTENANCE

A “Taxable Debts affect Merchant Service Fee Tax” parameter has been added to the Debtors Parameter Maintenance form.

The screenshot shows the 'Debtors Parameter Maintenance' window with the following settings:

- Responsibility Structure: DEBTOR
- Default Debtor Type: DEFAULT
- Default Term: 30DAYS
- Default Statement Type: Brought Forward
- Default Statement Print Option: Print if a non-zero Balance
- Default Credit Limit: 99,999,999.99
- Arrangement to Pay: ATP
- Direct Debit: DD
- Default Arrangement Recovery Group: ARR DFLT
- Taxable:
- Tax Code: LDR-SYS
- Line Rounding Method: Nearest
- Validate Check Digit:
- Copy Owner as Debtor:
- Manually Apportion:
- Apportion to Disputed Debts:
- Force Receipt Qualifier:
- Fine Terminology: Interest
- Next Debtor Number: 651
- Use Override Accounts:
- Arrangement to Pay: Arrangement to Pay
- Direct Debit Scheme in use: Direct Debit Scheme in use
- Default Recovery Group - Arrangements to Pay (LDR): Default Recovery Group - Arrangements to Pay (LDR)
- Non-taxable Type: GST Free
- Debtors System Tax Code (10%): Debtors System Tax Code (10%)
- Rounding Level: 0.05
- Consolidate on Statements:  Documents  Receipts
- Bank User: 0122222
- Search Status Default: (any)
- Default Transaction Search: Days
- Disputed Action E-mail: Cashier has maintained Disputed Transactions
- Taxable Debts affect Merchant Service Fee Tax:**

Document Numbers table:

	Start Number	End Number	Next Number
Invoice	1	399999999	21274
Credit Note	400000000	699999999	400001211
Journal	700000000	999999999	700003361

Accounts section:

- Overpayment Accounts
- Refund Accounts
- Small Balance Debit Accounts
- Small Balance Credit Accounts

Debtors Parameter Maintenance showing new parameter

If turned on, the calculation of the tax amount for taxable MSF allocation lines will take into account the taxability of debts paid by Debtor allocation lines, as described above.

## Notes:

- If the parameter is on, Debtor allocation lines will be processed immediately and interactively when a Receipt is Accepted, so cashiers may experience a small delay when accepting receipts that have both a Debtor allocation line and a taxable MSF allocation line present.
- Whenever this parameter value is changed it will be necessary for all Pathway sessions (including sessions used by cashiers) and all Pathway batch queues (including the background Receipting Queue if in use) to be restarted for the change to be recognised.

# Smart Mobile CityWatch

## Enhancements

### Smart Mobile CityWatch Bookings

InforXtreme Incident:	DRN: 31064 KB:	Fix:
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#### HIDE UNNECESSARY PAYMENT FIELDS

In CityWatch and ePathway Bookings the Payment Amount fields are now hidden when the Payment Amount is \$0.

### CityWatch Phishing Protection

InforXtreme Incident: GLEN 12588960; SMART AND THICK CLIENT;	DRN: 31104 KB:	Fix:
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#### MOBILE PHISHING PROTECTION

CityWatch allows specification of a redirection URL (on the query string) for redirection to their own web pages. To give councils control over this redirection to ensure external parties cannot use this feature as part of their own phishing deception, a new protection feature can be enabled with a whitelist of allowable domains that can be used for URL redirection.

By default, the system will behave unchanged, but councils wishing to enable phishing protection can use the following parameters within the CityWatch config.js file:

```
enablePhishingProtection: true, // Whether or not to test RedirectURL Query
string against allowableRedirectDomains white list before redirection
allowableRedirectDomains: "https://infor.com,https://infor.gov.au", // White
List of comma separated domains when enablePhishingProtection is true
```

As stated earlier, if these are not set or if the parameter, “enablePhishingProtection” is set to “false”, then the system will behave unchanged.

When “enablePhishingProtection” is set to “true” the system will then check the second “allowableRedirectDomains” parameter and use its list of domain names as a whitelist to ensure URL redirection is only performed for the listed domain names. Any attempt to use an unlisted domain will be logged and the user will instead be redirected to the CityWatch main page.

Note that entries in the whitelist are comma separated domain names and can be listed including the http/https protocol as shown in the example above, or else the naked domain name can be used. Including the protocol is preferred as the system will then ensure only exact domain name matches will be allowed (E.g. In our example “https://infor.com.au” would not be permitted due to the additional “.au” on the domain). Whereas if instead the domain was listed as “infor.com” without including the protocol, then a partial match to “https://infor.com.au” would be allowed.

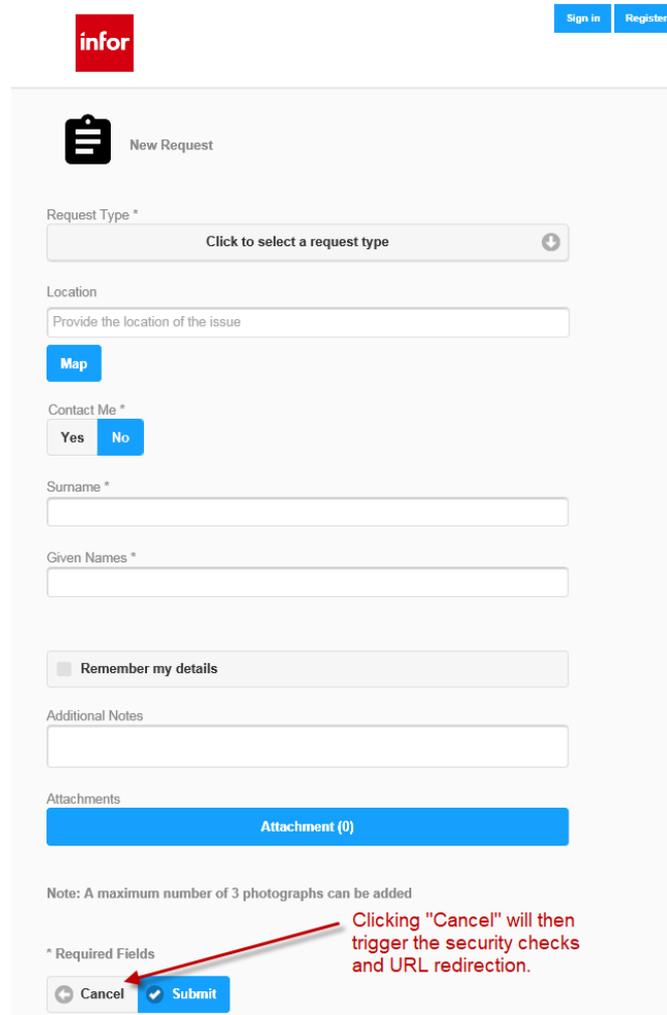
#### PHISHING PROTECTION EXAMPLE

If we have parameters set as:

```
enablePhishingProtection: true, // Whether or not to test RedirectURL Query
string against allowableRedirectDomains white list before redirection
allowableRedirectDomains: "https://www.google.com", // White List of comma
separated domains when enablePhishingProtection is true
```

And we then have a link which performed the following URL to initiate online entry of an online Request to council:

<https://ausyvweb01.infor.com/ePathway/DEV/Web/Mobility/CityWatch/index.html?Module=ECRREQ T&Mode=New&RedirectURL=https://www.google.com/search?q=infor>

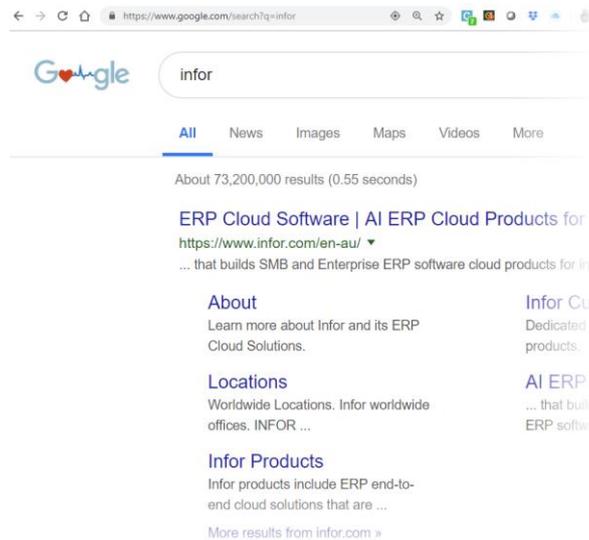


The screenshot shows the 'New Request' form in the Infor system. The form includes the following fields and elements:

- Request Type \***: A dropdown menu with the text 'Click to select a request type' and a downward arrow.
- Location**: A text input field with the placeholder text 'Provide the location of the issue' and a 'Map' button below it.
- Contact Me \***: Radio buttons for 'Yes' and 'No'.
- Surname \***: A text input field.
- Given Names \***: A text input field.
- Remember my details**: A checkbox.
- Additional Notes**: A text input field.
- Attachments**: A blue button labeled 'Attachment (0)'.
- Note**: A note stating 'A maximum number of 3 photographs can be added'.
- \* Required Fields**: A label for the 'Cancel' and 'Submit' buttons.
- Buttons**: 'Cancel' and 'Submit' buttons.

A red arrow points to the 'Cancel' button with the text: 'Clicking "Cancel" will then trigger the security checks and URL redirection.'

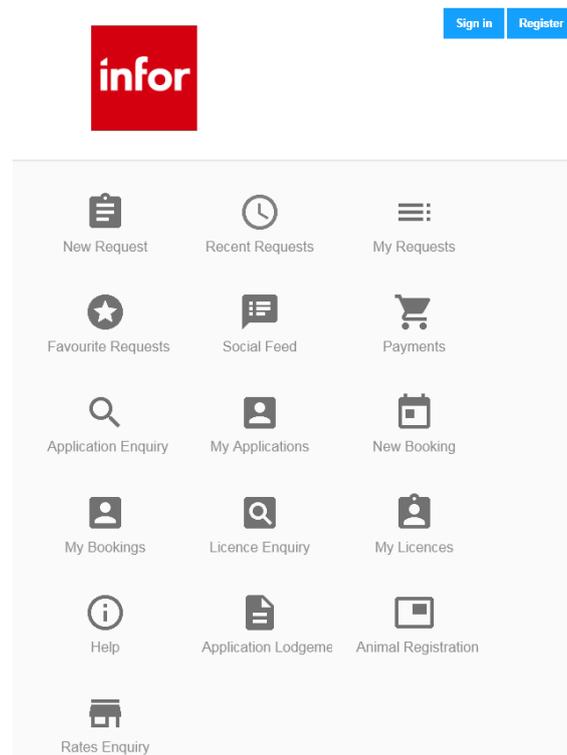
When the user clicks the "Cancel" button, the security checks will then take place. In this instance, the supplied URL has a matching domain and so redirection will be allowed to take place, redirecting the user to the Google search page.



If instead the following URL was used:

<https://ausyvwweb01.infor.com/ePathway/DEV/Web/Mobility/CityWatch/index.html?Module=ECRREQ T&Mode=New&RedirectURL=https://www.google.com.au>

Then redirection would instead be made to the CityWatch main page. Despite there being an exact match to the start of the domain, the additional ".au" means it is not the same domain. The system will add a message to the system log file and display the CityWatch main page instead:



Additional Note: By default, the system will always include the domain of the CityWatch instance in the allowable domains list. So, in the above example, "https://ausyvwweb01.infor.com" is by default an allowable domain despite not being included in the whitelist.

## Smart Mobile CityWatch Property Selection

InforXtreme Incident: COGC 12766929;	DRN: 31165 KB:	Fix:
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#### PROPERTY SELECTION

The Multiple Property Selection Dialog was displaying addresses in a bold font. It was also not appearing in the centre of the page in certain scenarios.

### Smart Mobile CityWatch Maps

InforXtreme Incident: COGC 12714893;	DRN: 31166 KB:	Fix:
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#### PROPERTY LOCATION MARKER

In CityWatch Requests the selected location marker was not being centred on the map.

### Smart Mobile CityWatch Maps

InforXtreme Incident: COGC 12738354;	DRN: 31168 KB:	Fix:
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#### OVERLAPPING MAP BUTTONS

On a small screen the Map and Satellite buttons were overlapping the Search box in Google Maps view.

### CityWatch Attachments

InforXtreme Incident: COGC 12834872; GLEN 12588960; SMART AND THICK CLIENT;	DRN: 31216 KB:	Fix:
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#### ATTACHMENT UPLOAD SECURITY

Improved security measures have been adopted to limit the potential for a malicious actor to overload storage by intercepting and modify requests to load larger files and perform multiple additional uploads.

A hard default limit for attachment uploads for a single transaction (such as a CityWatch request) may now be configured. Similarly, a configuration option is available to limit the size of an individual attachment.

#### EXISTING ATTACHMENT PARAMETERS

It should be noted that the new parameters are best set with the existing client-side parameters in mind. These can be set within the CityWatch config.js file. E.g.

```
maxAttachments: 3, // Maximum number of attachments. Negative hides the  
button and does not allow attachments.  
maxAttachmentSize: 5000000, // Maximum file size in bytes.
```

These parameters restrict client-side validation of attachment uploads, whereas the new parameters are to ensure a malicious actor does not bypass the normal interface and use direct modified service calls to the Web server to bypass these restrictions.

## NEW ATTACHMENT PARAMETERS

As the new parameters govern Web server behaviour they are stored with the ePathway web server settings. I.e. Within the <appSettings> section of the .Web/web.config

```
<appSettings>
```

...

```
<!-- Numeric (zero = unlimited, no entry = 100) indicating limit to number of
attachments that can be added to an item (E.g. Request) from CityWatch in a day -->
<add key="MobileAttachmentLimit" value="3" />
<!-- Numeric (zero = unlimited) indicating limit (in bytes) to an individual
attachment coming from CityWatch -->
<add key="MobileAttachmentSizeLimit" value="10000000" />
```

...

```
</appSettings>
```

Councils who wish to set limits should set `MobileAttachmentLimit` to at least the same value as the `maxAttachments` setting within `config.js`, whereas the `MobileAttachmentSizeLimit` is best set to double the `maxAttachmentSize` value due to the new setting being used to compare to the transfer encoded file size which can be much larger for binary encoded compressed images such as JPG.

Keep in mind these settings are to cater for a conscious malicious attacker using means other than normal user interface entry, thus having these new parameters larger than the user interface restrictions will still result in protecting the system from the intended data overloading.

If no action is taken to add these parameters, then the `MobileAttachmentLimit` will default to 100. Explicitly setting to zero will remove limit checking. Similarly, if `MobileAttachmentSizeLimit` is not set or set to zero, no size limit checking will be made.

## Smart Mobile CityWatch Requests

InforXtreme Incident: ERS 7542;

DRN: 31294  
KB:

Fix:

### NEW CHILD REQUEST TYPES FIELD

There is a new Child Request Types field in CityWatch Requests which can be used in conjunction with the Request Types field to filter Request Types into Parents and Children. This is configured in CityWatch Preferences.

## Smart Mobile CityWatch Requests

InforXtreme Incident: COGC  
11552259;

DRN: 31158  
KB:

Fix:

### MODULE NAME LINK

Prevent a Name Module Link being created on a CityWatch Request if not logged in as a registered user.

# Valuations

## Enhancements

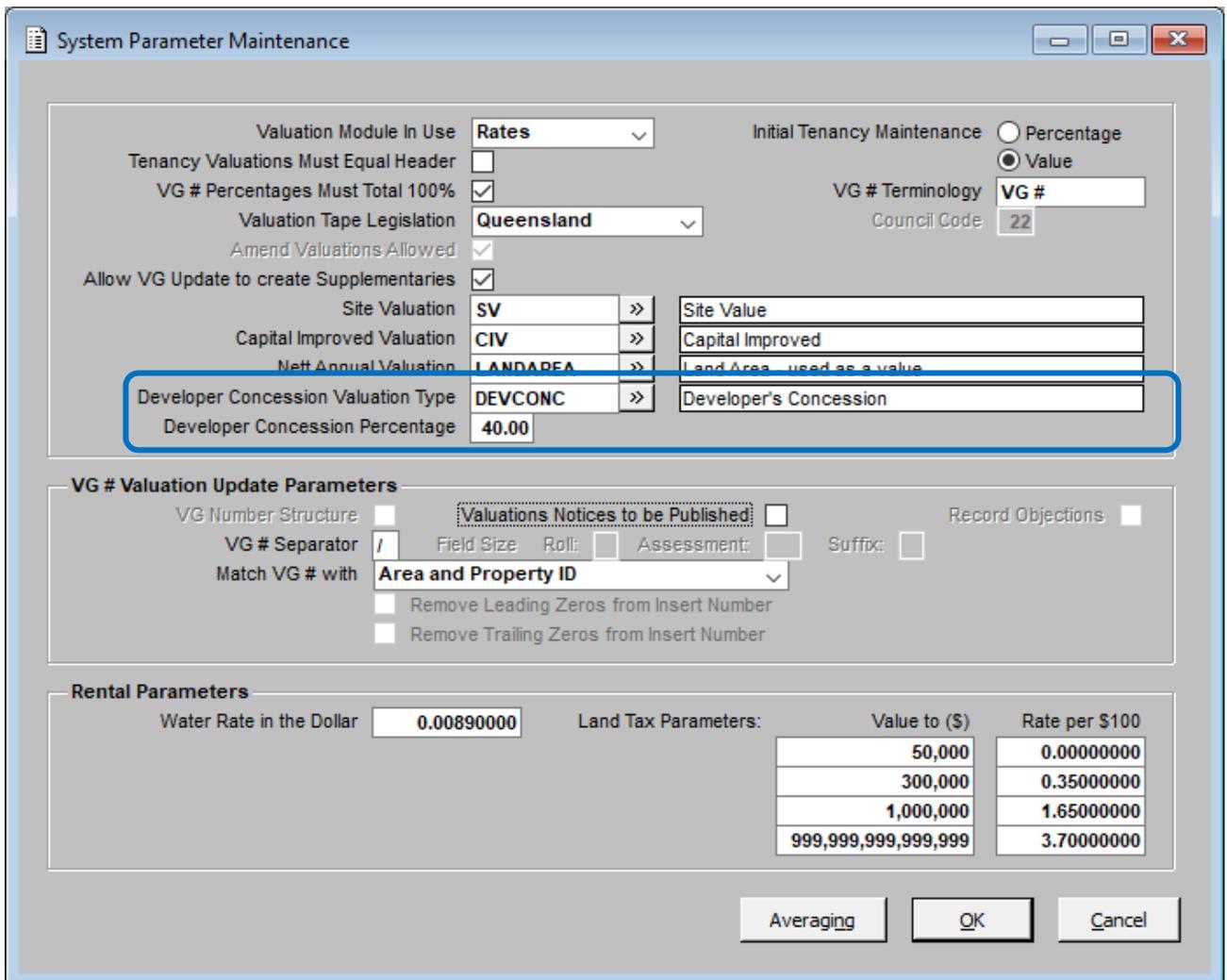
### Averaged Values Options

InforXtreme Incident: COGC 11419092;  
 SMART AND THICK CLIENT;  
 DRN: 31095  
 KB:  
 Fix:

#### AVERAGED VALUES GENERATION

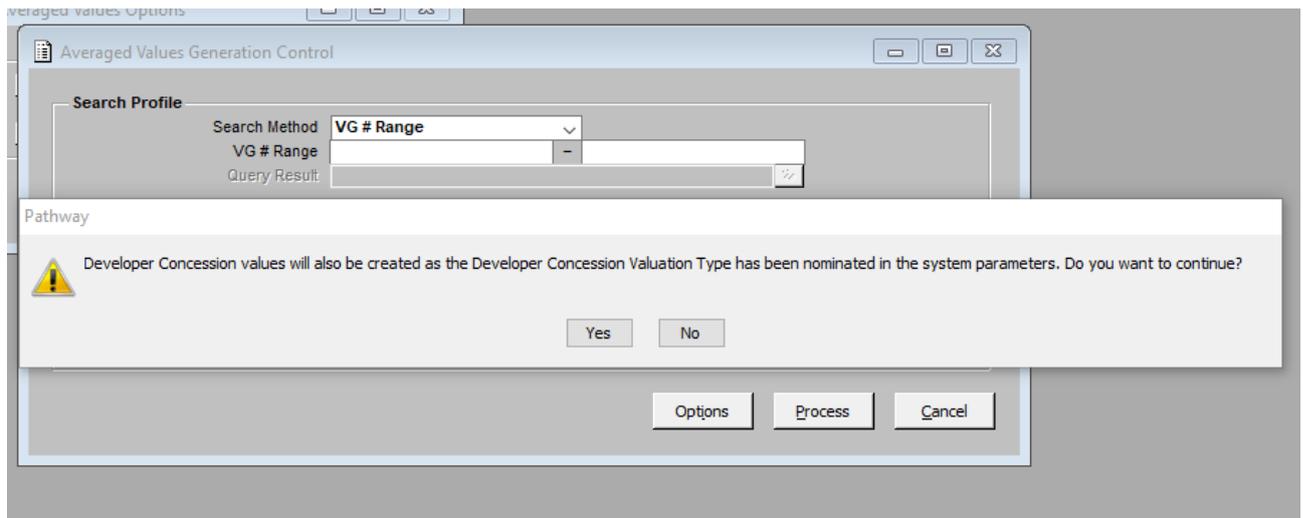
\*\*\* Gold Coast Council Only \*\*\*

Enhancements have been made to the Averaged Values Generation function to be able to generate a Developer Concession value. This will only occur when Developer Concession values are in use.



### Averaged Values Generation

When Developer Concession values are in use, a warning message will be displayed when the [Process] button is pressed.



When the Averaged Values Generation is run:

- A Developer Concession value is calculated for an Assessment that has the Developer Land Use field checked on.
- A Developer Concession value will not be calculated for a VG that is related to multiple Assessments, as Developer Concessions are not provided for Community Title developments.
- The Developer Concession is calculated by multiplying the determined Averaged value by the Developer Concession Percentage.

The Averaged Values Detail and Summary Reports have been changed to show the Developer Concession details when Developer Concession values are in use.

It is possible for the situation to occur where a Developer Concession value already exists for the VG Number for the current Valuation Year, where the associated Assessment has the Developer Land Use field unchecked. In this case, when the Averaged Values Generation is run, a message will be printed on the Averaged Values Exception Report. Any required changes will need to be made manually.

Changes have also been made to the Averaged Values Generation Update to load any calculated Developer Concession value to the VG Number's valuation.

## DRN Index

29938 .....	26
30360 .....	49
30897 .....	50
30961 .....	6, 39
30965 .....	42
30973 .....	7, 40
30981 .....	45
31018 .....	43
31064 .....	53
31095 .....	59
31104 .....	53
31114 .....	25
31156 .....	27
31158 .....	57
31165 .....	56
31166 .....	56
31168 .....	56
31211 .....	38
31216 .....	56
31246 .....	27, 41
31269 .....	42
31293 .....	41
31294 .....	57
31304 .....	43
31325 .....	7
31328 .....	46
31361 .....	24
31419 .....	41

## Infor Xtreme Incident Index

10713761 .....	49
10976108 .....	41
10996807 .....	43
11165763 .....	43
11419092 .....	59
11487104 .....	50
11552259 .....	57
11569251 .....	42
11569338 .....	6, 39
11582633 .....	7, 40
11609636 .....	45
11613573 .....	27
11648654 .....	38
11689622 .....	25
12456145 .....	27
12547959 .....	27
12588960 .....	53, 56
12592816 .....	41
12596155 .....	27
12608522 .....	27
12714893 .....	56
12738354 .....	56
12759319 .....	27
12766929 .....	56
12834872 .....	56
13183902 .....	42
13335322 .....	27
13625363 .....	46
13730331 .....	24
7542 .....	57