Magentus

EuroKing

Release 1.7.4.3

Release Notes (External)

Magentus

Table of Contents

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled. Page 2 of 15

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Document Control

Title	EuroKing Release EK 1.7.4.3 Release Notes		
Owner	CTO	Date Created	07/10/2024
Change History			
Issue	Date	Author	Details of Change
D1.0	07/10/2024	Robert Mason	Initial creation
D2.0	09/10/2024	Nicola Houlding	Review and general updates for clearer articulation and removal of internal details
V1.0	14/10/2024	Nicola Houlding	Release
V1.1	29/10/2024	Nicola Houlding	1.7.4.3.10 and 1.7.4.3.11 added to section 6.2 (databases)
Review Date			

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 3 of 15

1 Introduction

1.1 Purpose

This document will outline the functional changes made to this release. It will detail any new features, enhancements to existing functionality and list changes made due to existing functionality not working as expected.

1.2 Audience

This document is primarily for internal and external stakeholders, so they have a clear understanding of what has changed within the application's functionality, installation procedures and dependencies compared to previous releases.

1.3 Previous Release

The previous release of this product was as follows:

Version: 1.7.4.2

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 4 of 15

2   Functionality added in this release

The following features and enhancements are included in this release:

2.1   GP details appear editable, but any changes made cannot be saved

Description:

Within the Care Professionals TopForm the GP Details are editable but any changes made cannot be saved. This is because these details are fed from PAS. PAS is the source of Truth, and so edits are restricted within EuroKing, forcing users to update within PAS directly which then feeds into EuroKing and ensures data is always aligned, mitigating risks. As such, these fields should be disabled to the front-end user, negating confusion of, potentially, a user believing they have applied GP detail updates when in fact they have not.

The same is true for all PAS-mapped fields, not just the GP dataset within the Care Professionals TopForm.

Resolution:

Added scripts to restrict the permissions for enabling and disabling PAS fields to EK staff users.

Notes:

Deployment task required – locally PAS-mapped fields should be validated as disabled (greyed out, user is unable to edit the information) via UAT testing and Live deployment verification.

2.2   Update 'Read the training manual' link

Description:

On the EuroKing Home Page, rephrase the "Read the training manual" link to "Training Academy Link".

Redirect use of this link away from local server locations providing access to user guides, point instead directly to the EuroKing Training Academy URL directly.

Resolution: Delivered.

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 5 of 15

3 Fixes to existing functionality in this release

The following fixes are included in this release:

3.1 Spyglass audit for TopForm showing wrong Username

Description:

Username in audit is showing "EuroKing" when new patient is created.

Resolution:

Added record of user who created patient record (when creating manually via EK front end)

3.2 AN Contact list gestation values are incorrect (timeline)

Description:

The gestation values displayed against contacts in the AN contact list do not display correctly: the values are sometimes missing, or incorrect.

Resolution:

Changed the AN Contact list to display gestation values calculated against each individual contact's date.

3.3 Audit action incorrect within Demographic TopForm spyglass display

Description:

A bug within the Spyglass logic results in PAS demographic updates not presenting within the Spyglass audit tool as expected.

Resolution:

Enhanced the ordering and filtering logic to related DB queries to resolve the bug.

3.4 Care provider TopForm spyglass not working

Description:

For certain users (only), when they click the Spyglass icon

As presented within a TopForm (for example, care provider),

Then the audit display does not appear as expected.

Attempting to review TopView for the same patient/data prompted the following error: "There was an error running the application. Index and length must refer to a location within the string. Parameter name - length"

Resolution:

Identified and resolved an issue where certain audit views would fail to load due to a user having non-standard date formats configured within Windows settings.

3.5 TopView and TopForm Spyglass is missing some audit information

Description:

TopForm details have been saved by the user.

When the user views the audit info within the TopForm Sypglass (and also in TopView),

The audit information is missing.

Resolution:

Changed the date format used in the stored procedures called when fetching affected audit data to one that works regardless of database locale settings, preventing the error that was stopping audit data from being returned.

3.6 Audit only displays when the field is active in the workflow

Description:

If a field is only in use in one questionnaire
And that same field had data saved against it
But then the questionnaire has been updated
And now that field has been triggered out of use within the questionnaire
And the questionnaire is resaved

Then: this data does not display within the Questionnaire or within TopView, and users have no front-end ability to review this information.

Resolution:

Enhanced carepath details shown within TopView to now include questions not currently visible in questionnaire, where audit history exists.

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 7 of 15

3.7 Audit confusion: data used to create pregnancy pre-dates the pregnancy

Description:

Audit confusion with TopForm Spyglass display (data used to create a new pregnancy pre-dates the new pregnancy, but is in TopForm audit display as this data was used for pregnancy creation).

The TopForm audit view does not start from pregnancy creation d/t. The data audit history via TopForms Spyglass shows the d/t of the most recent update into that patient table, at the point that a pregnancy is created (as this is then used as the starting detail when the pregnancy record is created). This can be confusing as, when viewing audit information from within the pregnancy record, a user might expect to see data as saved since the pregnancy has created, and not expect a row pre-dating the pregnancy to display.

Resolution:

Added grey shading to rows of audit views for TopForms where the row displays data that predates the pregnancy. Also added text at the top of mother-level Spyglass audit windows indicating the date/time at which the pregnancy was created.

For example, if the Spyglass audit (or TopView) is used to view the history of a patient's hospital number through the context of the demographics form, then earliest item in the audit history will be shaded in grey - this will be the state of the patient's hospital number at the time of the new pregnancy being created. Any subsequent records shown will have the standard yellow colour, indicating that their changes occurred during the pregnancy timeline itself.

Note that TopView will still display the full history of a patient's fields when viewing information through the context of the patient themselves rather than a form within a pregnancy - no 'pregnancy context' shading will be applied to these patient-level views.

3.8 Delete actions not recorded in audit tables

Description:

When a row is deleted from the PregnancyAddressSnapshot or ContactPregnancy tables, a row is not added to the AuditPregnancyAddressSnapshot or AuditContactPregnancy tables as expected - only Insert and Update actions are successfully recorded.

Resolution:

Resolved delete actions not being recorded in AuditPregnancyAddressSnapshot and AuditContactPregnancy tables; updated the audit views that fetch data from these tables to cope with the presence of delete actions.

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 8 of 15

3.9   Hide TopView details for (summary) past pregnancies

Description:

When a user adds SUMMARY past pregnancy info (via the banner hyperlink - not a full previous pregnancy record compiled within EuroKing)

And then this information is reviewed within TopView

Then there is incorrect information displayed to the user.

TopView - Table Details (TopForm info)

- Forms (including all sub displays - demographics, general details etc) - should be hidden as there is never data available to display
- The text "[Summary]" should be appended to the end of the pregnancy node - e.g. "Pregnancy 12345 [Registerable] [Summary]" to make these summary data set 'records' more obvious to users
- Baby should be retained

Resolution:

Removed the following subnodes under nodes for summary pregnancies in TopView's Table Details tree:

- Forms
- Alerts
- Risks
- Guidelines
- Baby ranges

This leaves Baby as the only type of subnode that can appear under a summary pregnancy.

Additionally, the text "[Summary]" is now appended to the end of the text on summary pregnancy nodes.

3.10   Partner and Father details vanished

Description:

Adding a POH seems to clear the Partner and Father TopForms.

Spyglass audit on the Father TopForm shows a deleted action.

Resolution:

Prevented snapshot data being created when adding past pregnancies via "Gravida hyperlink", fixing NOK/Partner/Father details vanishing when adding a past pregnancy depending on whether NOK/Partner/Father details are set to be copied into a new pregnancy.

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 9 of 15

3.11   Two TopForms are failing to display their Spyglass audit views

Description:

On Mother record both the GENERAL DETAILS and the CARE PROFESSIONALS TopForms are failing to display any Audit details.

Resolution:

Resolved the queries that were failing when trying to fetch audit data.

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 10 of 15

4   Known issues

The following issues have been identified during testing of this release.

These issues have been risk-assessed and have been accepted within this release. They may be addressed in a future release of the product.

4.1   Erroneous Audit display - LEADPROFESSIONAL in Care Professional TopForm

When viewing the Care Professional Spyglass audit information on a pregnancy record

Users will notice that a "LEADPROFESSIONAL" field is listed

Which never displays any audit info when selected

This is erroneous display, as this field is not in use

The "LEADPROFESSIONAL" be removed from Spyglass display

There is also a "LEADPRO" field displayed that does present an audit

This is the audit display for the Lead Professional field in use within the Care Professional TopForm

4.2   Demographics TopForm always displays as "Insert" (instead of "Update")

Updates within the Demographics TopForm always display as "Insert" (instead of "Update").

All other information is correct.

This requires review for rationalisation and improved display to end users.

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 11 of 15

5   Release Artefacts

The following artefacts are included in this release:

Name	Description
EuroKing 1.7.4.3 – NPSA remediation patch release	Patch

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 12 of 15

6　Changes to installation procedures

6.1　Application

There are no changes to application installation procedures.

6.2　Database

The following database changes should be noted:

Number	Name
1.7.4.3.9	Alter Procedure PregnancyAntenatalDeliveryContactList
1.7.4.3.8	Alter procedure GetBabyGeneralDetailsAudit
1.7.4.3.7	Insert Function fn_IsSummaryPregnancy
1.7.4.3.6	Alter triggers Alter Triggers PregnancyContact_Delete and PregnancyAddressSnapshot_Delete
1.7.4.3.5	Update Roles Permissions for PAS fields
1.7.4.3.4	Alter trigger Pregnancy_Snapshot_AfterInsert
1.7.4.3.3	Alter procedures sp_GetContactAddressAuditDetailsForPregnancy and GetPermanentAddressAuditDetails
1.7.4.3.2	Alter procedure AuditLoadSummaryAll
1.7.4.3.1	Alter procedure AddNewPatient
1.7.4.3.0	1.7.4.3.0 - Version migration
1.7.4.3.10	Alter Function VersionNumber.sql
1.7.4.3.11	Create index AuditInput.sql

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus　|　Commercial in confidence. Once Printed Uncontrolled.　　　　Page 13 of 15

7 Dependencies

7.1 Client

No changes.

7.2 Server

No changes.

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 14 of 15

8   System Requirements and Supported Platforms

See attached Magentus Warranted Environment Specification v2.6

[PDF]
Magentus
Warranted Environn

File Reference: Euroking Release Notes (external) 1.7.4.3_v1.1

Effective date: [NH 29/10/2024]

Magentus | Commercial in confidence. Once Printed Uncontrolled.   Page 15 of 15