



2.3.80.0 (#4394)

Release Notes

12.3.2012

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No component defined

-  Improvements have been made to the storing of Fes data by removing some empty link values for LegemiddelMerkevare that has no SortertVirkestoffMedStyrke, only Refvirkestoff elements.
[RENO-3092]
-  S15 (Medication Prescription window) will show both icons referring that a refcode that is selected and invalid. This can happen if a prescription created in a hospital with a refusjonskode only valid when prescribed in hospitals is imported into a non-hospital location, for example.
[RENO-3035]
-  When printing out a paragraph 4 prescription "in legens navn", instead of printing the patient name/id /address, now the doctor's info is printed
[RENO-3407]
-  The display of warnings for renew-with-change is now handled differently. The warnings dialog is now shown on top of the prescription edit screen. The dialog only has one button (OK), so the user no longer needs to select "Renew with change" again to get to the edit screen. Warnings for things that are handled in the edit screen are no longer shown in the warnings dialog (e.g. for an invalid kortdose, which is shown grayed in the edit screen).
[RENO-3298]
-  Error handling in the schema step in the configuration wizards has been improved.
[RENO-3394]
-  An error causing a warning about a failed structured condition (type 21) when renewing a prescription for nutrition 601 (Diverse tilstander) was fixed.
The warning was only raised if the user had no speciality and the installation had the "IsHospital" configuration flag set to false.
[RENO-3357]
-  Updated M2/M12 stylesheet to the latest version received from KITH.
[RENO-2684]
-  The default Adresseregister user for new databases is now "webservice" with an empty password.
[RENO-3404]
-  The VarerTil date will now be calculated taking into account the start date of the treatment.
[RENO-2868]
-  Error reporting in the eResept FM client has been improved.
The generic "Network error" has been replaced with a new generic error that in most cases shows more details about the error that came up.
Certain error situations that come up routinely are handled in a more targeted manner now and not as generic errors (e.g. that the Calibri font cannot be found on the app server).
[RENO-2931]
-  The eResept database is now created having 600MB data file and 400MB log file. Both files auto grow by 100MB.
Existing databases having the default growth values (1MB for data file, 10% for log file) are updated to the 100MB value but the file size itself isn't changed.
[RENO-3203]

- ☐ When importing a prescription with "paragraph 2 refusjonskode" that does not match the user's preferred coding system (i.e. ICD-10 vs. ICPC), a warning is displayed and the user is forced to select a new code.
[RENO-3415]
- ☐ It is now indicated by an icon if the signing queue contains a resept with an ekspederingsanmodning. The "Ready to be sent" icon in the VIB now has an indicator if the resept that is ready to be sent contains an ekspederingsanmodning. Resepter in the VIB that have an ekspederingsanmodning now show information about the ekspederingsanmodning when they are selected.
[RENO-3387]
- ☐ When renewing a prescription the new prescription is always populated using the most recent medication data from FEST instead of cloning the medication data from the prescription being renewed.
[RENO-3523]
- ☐ Changed warning message when the user tries to renew a prescription based on an outdated FEST record from:
"Fornyng av resept som er basert på utgått FEST data er foreløpig ikke supportert.
Du må stoppe resepten og lage en ny resept basert på gyldig legemiddel."
to:
"Fornyng av forskrivning basert på utgåtte FESTdata støttes ikke.
Du må seponere og lage ny forskrivning."
[RENO-3513]
- ☐ Improved error reporting when text measuring for reports fails on the application server:
- Better error reporting when Calibri cannot be found on the appserver.
- A fallback case has been added for characters that do not exist in the Calibri font.
[RENO-3269]
- ☐ Versioning has been improved to make sure version mismatch between client and server is always detected. The server refuses the connection from the client in this case.
[RENO-3428, RENO-3477]
- ☐ An inconsistent prescription data warning is no longer raised for prescriptions where PakningsInfoResept has been manually edited.
[RENO-3369]
- ☐ The original implementation of "inconsistent medication check" introduced in version 2.3.72 has been improved and a known defect fixed.

When importing or renewing prescriptions, a new set of checks are performed to validate the medication data of the prescription being imported/renewed and the corresponding FEST record for its medication. In case of an inconsistency is found, the warning window is shown to the user providing details of the given prescription and the corresponding fest record, highlighting the points of conflict.

If the user chooses to continue and import/renew without change then the FM does the following:

- Import: The prescription is imported as is but then automatically renewed based on the medication data from FEST.
- Renew: The prescription is renewed based on the medication data from FEST

There was a defect in the original implementation causing items imported from RF not to be renewed based on data from FEST even though the warning shown indicated it would be renewed. This defect has now been fixed.

[RENO-3343]

- ▣ UserManagement web service now has a support to read user information (BrukerInfo). by sending the username to the webservice. The web service will return a return code depending on how the process went (same return codes as in EpjApi) and if successful, the user object in a XML format (BrukerInfo).
[RENO-3380]
- ▣ The prescription start date in the tooltip was displaying incorrect date. That has now been fixed. The user is also now required to select a stop date after the prescription start date.
[RENO-3094]
- ▣ Added a lookup for kortdose when handling imported prescriptions that have no information about selected kortdose except what's in the DosVeiledEnkel element of the original prescription.
[RENO-3088]
- ▣ A bug was fixed which caused the system to raise a warning about conditions being added and removed each time a Nib/Fib was renewed.
[RENO-3339]
- ▣ The Admin client is now displaying correctly the status of the system configuration validation - which currently only checks for valid certificates.
[RENO-3355]
- ▣ A user can now save server configuration settings without having selected valid certificates.
[RENO-3500]
- ▣ There was an issue with undoing a change to a prescriptions that had conditions (n. vilkår). When the "Undo" button was pressed in the client an error was displayed and the changes were not undone. This issue has now been fixed.
[RENO-3312]
- ▣ The OppdatertFest element in M1 messages is now updated when an M1 is renewed with new FEST data.
[RENO-3557]
- ▣ Fixed a bug that prevented users from creating prescriptions for freetext medicines.
[RENO-3366]
- ▣ Medication and patient warnings now show more details and the overall look of the warning display has been updated to better distinguish between warnings.
[RENO-3291]
- ▣ When checking for cave warning on ATC codes, it did not take into account medicines that were not marked as active. That has now been fixed
[RENO-3264]
- ▣ Fixed an error that sometimes caused details to be missing for server-side errors displayed in the FM client.
[RENO-3303]
- ▣ When importing more than one prescription and the user chose not to import a prescription due to medication warning, that choice was ignored and the prescription imported anyway. This, however, happened only if the prescription chosen was not the first one in the list of prescriptions to import.
[RENO-3562]
- ▣ The processing of M9.6 messages, when querying RF with reference numbers but no FNR, has been

- ▣ updated to match changed behavior of RF. Now the incoming prescriptions are matched to a patient using FNR, DNR or date-of-birth, rather than using just the date-of-birth.
[RENO-3281]
- ▣ Fixed an error that sometimes caused details to be missing for server-side errors displayed in the FM client.
[RENO-3367]
- ▣ When installing a certificate (from the Installation Wizard or from the Admin window) the Bypass Class 3 CA 1 certificate is also installed if not already installed.
[RENO-3408]
- ▣ Certificates are now correctly installed and its permissions correctly setup under Windows XP.
[RENO-3352]
- ▣ When authentication fails with user and password, the error description was partially visible and hard to read. That has now been fixed.
[RENO-3031]
- ▣ If the user has not set up which printer(s) to use for printing prescriptions, the default Windows printer is now used (if defined), instead of showing an error.
[RENO-3102]
- ▣ A new program introduced that allows for an FM database to be anonymized, thus making it possible to send production databases to developers without including patient or user data.
[RENO-3390]
- ▣ Calling StartPasient within 15 seconds of having called SkrivCave will now populate correctly the CAVE information.
[RENO-3272]
- ▣ Multiple instances of the eResept server service can now be run on the same machine. Please refer to the updated Installation and Configuration Guide for details (v1.2e)
[RENO-3397]
- ▣ The fest id is now only updated if the vib item has been updated with new fest data.
[RENO-3424]
- ▣ Reverted EPJ API namespace back to: <http://www.kith.no/xmlstds/eresept/forskrivningsmodul/epjapi/2011-10-04>.
[RENO-3564]
- ▣ Now it is possible to add or remove doctor specialities in the "Edit user information" screen. A manually added speciality is not removed if the SkrivBrukerInfo method is called and the added speciality is not included there.
[RENO-3474]
- ▣ Medicines with identical bruk, ATC and strength will now be sorted in alphabetical order in the LIB list. Before, the order was undefined in this case.
[RENO-3548]
- ▣ In the Admin client, certificates that are or became invalid will be displayed in red, both when selected and in the list of available certificates. Selecting an invalid certificate and trying to save the configuration will not be possible and an error message is presented to the user.

📄 [RENO-3353]

📄 Added warning when user tries to renew LegemiddelMerkevare or LegemiddelVirkestoff that does not exist in FEST (same warning was already present for Legemiddelpakning).

[RENO-3563]

📄 Now, the vertical "CAVE" label in the upper right corner is red.

[RENO-3024]

📄 Reconfirmation of the fastlege permission of a patient after becoming 18 years old is now registered correctly.

[RENO-3097]

📄 The TestRf functionality of the Admin client has been extended to provide more accurate errors regarding problems with selected certificates.

[RENO-3354]

📄 Proper text has now been added for paragraph 4 in the prescription screen.

[RENO-3406]

📄 Improvements to existing FEST warnings and addition of one new one:

- Warnings are no longer raised when there are conditions (n. vilkor) or SLV warnings for the medicine in current FEST but the FM doesn't have data about what conditions and SLV warnings existed in FEST at the time the prescription was created. This applies e.g. to imported prescriptions. For prescriptions created locally, those warnings are raised correctly.

- Now a warning is raised when a condition that applied to a prescription when it was created doesn't apply any more (condition removed).

- Duplicated warnings were removed e.g. when a package cannot be found based on the product number in current FEST.

- A bug in the check for outdated medication was fixed. It made it potentially possible to prescribe an inactive medicine without getting any warning. This could happen if the original medication had been outdated in FEST and the newest version of the medication had also been outdated.

[RENO-3025]

📄 If an assistant created a single "kur" prescription and closed the application, an inbox notification to the doctor was not created. This has now been fixed.

Note that this should fix the problem reported by the secretary in Massfjorden where this had happened around 1-3 times a day.

[RENO-2930]

📄 Now a dialog showing progress information will pop up during some time-consuming operations:

- Renew operations
- Signing and sending
- Opening the "Create new prescription" after selecting a medicine to prescribe.

[RENO-3321]

📄 The white space dividing Lib items in groups (F/B/K) on S01 is now displayed correctly when running on Windows Basic and Windows Classic themes.

[RENO-3313]

Performance

📄 The process when renewing/renewing with change has been optimized to make those actions take

less time.

Time measurements on a lab database (small), having application server running on a relatively slow machine and the client running on another showed that the time it took to carry out an action e.g. renew had, on average, dropped to less than 20% of the original time i.e. more than 5x speed improvement.

[RENO-3194, RENO-3308]

Performance optimization by caching FEST data on the application server.

This should improve the performance of all actions in the system but was mostly aimed for when opening the prescription window.

[RENO-3488]

-RFC#7 (Misc)

The FM will now send a second M9.5 (with only refnrs) message when looking up for refnr on RF for patients with a DNR id, as it does when the patient has a FNR id.

[RENO-3134]

The "instituert-av" information shown for the selected prescription in the LIB view is now also shown in the FIB/NIB and vaccine tabs.

[RENO-3302]

Now the Instituert element in M1 is not sent to RF when renewing prescriptions that have been received from an external source (e.g. via an M8 message)

[RENO-3284]

-RFC#8 (Hospitals)

The organisation responsible for the patient is now included in the message header as a child organisation to the sender's organisation. This only applies if the StartPasient's or StartCave's parameter includes Innleggelse element in the XML

Note that prescriptions that are being sent to RF use the responsible ward (if any) from the client at the time of creating the prescriptions. This means that it doesn't matter what responsible location is set for the patient when the prescriptions are sent.

[RENO-3051]

The application server can now run a web service that exposes the SkrivBruker functionality. By default the web service is turned off but can be turned on in the configuration by setting the RunUserManagementService.

The webservice is configurable in the application's config file (or in the advanced tab of the administrator server configuration view) and can be executed without certificate authentication and validation for testing and debug purposes. It's though recommended to configure both certificate authentication and encryption.

[RENO-3156]

The EpjApi has been updated to support admission information (admission date&time and organisation information).

Note that the EpjApi namespace has been updated from <http://www.kith.no/xmlstds/eresept/forskrivningsmodul/epjapi/2011-10-04> to <http://www.kith.no/xmlstds/eresept/forskrivningsmodul/epjapi/2012-02-21>.

[RENO-3050]

Translations

Changed the translation of "Last prescribed by" to "Sist ordintert av".

📄 [RENO-3400]

📄 Changed translation of "prescription" to "forkrivning" (was "resept") in the progress pop-up dialogs.
[RENO-3359]

📄 The help index has been translated to Norwegian
[RENO-3288]