



eResept 3.0.0 (#8733)

Release Notes

16.12.2013

No component defined

The generated dssn no longer contains non dosin periods of a day between every dosing period n structured dosing.

[RENO-5743]

First day has a default value today in the case of a brand new advanced structured dose. Date picker for last day of dosing is now enabled on mouse click.

[RENO-5747]

M27.1 specification updated to 2013-04-16.

[RENO-5752]

User is allowed to quit to EPJ with M5 pending (as it should)

[RENO-5768]

In advanced structured dosing the "Klokkeslett" time text boxes only accept input likely to produce a valid time string. The dosing validates only if there is at least one valid dosing with all valid times. However empty dosages will be ignored on save.

[RENO-5773]

The structured dosing tab is now disabled when it can't show advanced structured dosing.

[RENO-5779]

In advanced structured dosing a warning is shown and save button disabled when user enters an invalid dosing amount. User is prevented from entering negative numbers for dosing and time.

[RENO-5780]

Fixed inconsistencies between advanced structured and structured dosing. Both should derive a valid Dssn text now.

[RENO-5781]

If the application is deactivated (loses focus) the popup help on structured dosing closes, that is if it is open.

[RENO-5785]

In structured dosing tab, negative dosing values are turned positive, while non numbers are marked by a red border and ignored (previous values will be save instead, should the user ignore the red border warning).

[RENO-5808]

End date picker in advanced structured dosing view will now behave normally after being brought up from inactive state via mouse click.

[RENO-5809]

The structured dosing tab is re-enabled if an advanced structured dose is cleared via link button in Dssn text tab.

[RENO-5810]

In the patient info window very long patient names are trimmed. Full name appears in a tooltip.

[RENO-5832]

In advanced structured dosing view the "other medications" list now excludes the current one, when renewing or changing.

[RENO-5929]

In advanced structured dosing view the total dosing for period is now shown in group box header for Dosing period.

[RENO-5930]

Correction to Kodeverk 7480

[RENO-5976]

Converting and adapting the new LastResept field according to the defined rules. The locked prescription now behaves properly.

[RENO-6030]

M5 messages in version 2.5 now include the "Årsak" field.

[RENO-6031]

M5 messages will now refer to the new M1 message if the old M1 message was renewed

[RENO-6032]

Reason/årsak is showed in LIB row detail and registered when an M7 is received.

[RENO-6034]

When receiving a M7 with an M5 that has a NyResept the old prescription will be marked as Need to Update and once a query to RF is made the new prescription will be added to the Viblist as if it was a renewal from the old prescription.

[RENO-6035]

New field on S15 "First delivery", that indicates the first allowed date for delivery of a resept.

[RENO-6038]

FM reads prescriber information for paper prescriptions (RekvirentPapir) from M8 in version 2.5

[RENO-6044]

The FM now makes use of the new Doserings catalog from FEST.

This is used when matching a structured dosing to a kortdose. When creating a prescription with structured dosing, FM will now first try to match it to the kortdoses that are already linked to the medicine.

[RENO-6070]

The dosing calendar populates correctly when specifying weekdays without specifying weeks on/off.

[RENO-6121]

When registering a doctor as a multidose doctor of a patient FM queues the sending of a new M25.1 message.

[RENO-6122]

The configuration of FEST updates has changed so it is now possible to include a primary and a secondary URL. During a FEST update FM will try to call the primary configured FEST url. If it fails it will try to call using the configured secondary url.

the radio buttons for service type have also been removed.

[RENO-6126]

Kurve reports now print even when the kurve list is empty.

[RENO-6177]

When a prescription with no DosVeiledEnkel, but with structured dosing that cannot be interpreted by the dll is shown in "Andre forskrivninger" (or the LIB, although this shouldn't happen, see below), show static text instead of the Dssn text. This static text should say "Se strukturert visning" and be a link that opens the new window which shows the prescriptions in html form.

This window should also open when a user imports a prescription where the same conditions apply

[RENO-6211]

If a non organization node is selected in admin view the "Avdeling" column is not displayed in protocols grid.

On installations with no organization hierarchy data when a user opens s12 and gets search hits on protocols the grid no longer displays the "Avdeling" column.

[RENO-6214]

If a non organization node is selected in admin view the "Avdeling" column is not displayed in protocols grid.

On installations with no organization hierarchy data when a user opens s12 and gets search hits on protocols the grid no longer displays the "Avdeling" column.

[RENO-6215]

When confirming vib on admission the preliminary vib confirmation shows in the information sources screen.

[RENO-6217]

Display of Helfo applications and responses has been updated to version 2.5.

[RENO-6219]

The order of options in the popup menu to confirm the VIB (from the main screen) has been changed to the following:

- Foreløpig godkjenning
- Godkjenn VIB ved innleggelse
- Godkjenn VIB ved utreise
- Godkjenn VIB

[RENO-6223]

A new Verify message is automatically sent on FM update. If the verify message fails another call is rescheduled a week later.

The values system leverandor and drifts leverandor used as input in the new method are configured via admin client.

The new verify method is also used to test RF in the admin client.

[RENO-6224]

FM can now interpret structured dosing received from RF and display Dssn text for prescriptions with structured dosing where no dssn is included.

[RENO-6226]

The FM appserver periodically deletes old M9.6 messages (more than one month old) in order to reduce database size.

This can be enabled/disabled via system administration.

[RENO-6227]

Correction to enable saving when template that uses a refkode requires inst-av.

[RENO-6228]

Warning about number of andre forskrivninger does not take into account discontinued prescriptions.

[RENO-6230]

Save/cancel buttons removed from user information screen and dedicated save buttons created for basic user information and for printer configuration.

[RENO-6231]

The "search templates" option is disabled on the medicine search screen when creating a new template. Templates were removed from search results.

[RENO-6233]

Imported preparations are now shown on both the history tab and lib history.

[RENO-6235]

Null value for default organization, as can now be selected in user preferences, shouldn't cause problems.

This mainly happened when running the client for the first time after this feature became available and is now fixed.

[RENO-6240]

When a fest update crashes it is now marked has being failed.

[RENO-6241]

Handling of multiple items in a Helfo Application has been corrected. Now, each applied item, even part of the same M2 message, is seen as an individual helfo application.

[RENO-6242]

It is now possible to search external information sources by virkestoff name.

[RENO-6243]

Opening external information from the LIB no longer gives a different result than opening from the search and prescription windows.

[RENO-6244]

The organizational unit drop down in new LIB/NIB/FIB search windows defaults for the user avdeling if no information for selecting a node comes from DIPS.

[RENO-6245]

The client now uses RF query caching.

Information about the last M9.5 date and time are shown in at the right in the status bar (bottom right corner).

Information on relevant entries in the RF status column are shown in a tooltip stating when the status was updated informing the user that the status can be updated by doing a new RF query.

RF statuses that are not final should time out and show a "?" icon when they have timed out. The tooltip shows the last known status and information that the status can be refreshed by querying RF.

The timeout used is the RF query cache timeout set in system configuration.

[RENO-6246]

Filter preferences in the medicine search screen are remembered when prescribing, regardless of what other medicine searching has occurred recently (such as helfo application creation).

[RENO-6247]

It is now possible to create protocols and prescribe protocols. A protocol is a collection of prescription templates. Doctors can create their own protocols and admin users can create global protocols or link them to a ward.

[RENO-6248]

In the print button there is a new option.
A user can now print the LIB in the Kurve forms.

[RENO-6249]

When FM receives HNR from DIPS:

- If birthdate is not given it is calculated from HNR.
- If sex is not given then it is retrieved from HNR
- HNR is not passed within the MsgHead in the prescription
- Resepter are locked (the same when theres is no FNR/DNR)

[RENO-6250]

Copy to clipboard text is changed as follows:

- Use the kortdose text instead of Dssn when a kortdose is available.
- Remove refusjonsinformasjon.
- Put a capital letter at the start of the bruksområde and a period at the end.

[RENO-6251]

Users are no longer able to handle SLV warnings, as that would hide them from other users.

[RENO-6252]

In S.11 there is an organization hierarchy dropdown that controls which prescription templates are shown in search results.

In S.15 there is an organization hierarchy dropdown that controls which avdeling is included in the sender part of the MsgHead in the resulting M1.

The fallback in S.11 is to leave nothing selected. The fallback in S.15 is the institution itself. The request here is to fall back on an avdeling configured for the user, the doctor, rather than on the institution. In addition, the organization node selected in S.11 should be the avdeling communicated from the EPJ rather than the post (see GetHierarchyCallback in the S.11 viewmodel).

[RENO-6253]

Correction to error when sending messages to RF for patients with long address.

[RENO-6254]

Patient banner was rearranged in order to accommodate PLO information.

Plo info was removed from patient information center pane.

[RENO-6255]

Seponering made by an assistant has to be accepted (or rejected) by a doctor. Inbox notifications are sent when assistant proposes to seponate a medication.

[RENO-6256]

Paragraph 2 refusjon and refusjonskode can now be specified when creating a template in the user preferences screen.

[RENO-6257]

Warning about the number of "Andre forskrivninger" no longer takes the RF entries into account.

[RENO-6258]

It is now possible to add fixed periods to new local kortdoser when creating them from the new prescription screen.

[RENO-6259]

New option in Godkjenn VIB" - "Foreløpig godkjenning" (preliminary confirmation):

- New preliminary admission confirmation screen where the user specifies the sources of information
- New screen is showed in read only mode when opening a patient with preliminary admission confirmation. This can be configured in the administration.
- Preliminary admission confirmation sources are available in the copy to clipboard and printout functionalities.

The preliminary admission confirmation option follows the visibility of the admission confirmation option.

[RENO-6260]

New type of vib confirmation ("Other").

New configurable timeout for how long the patient can be confirmed for admission/discharge when it is outside of the context of an admission.

New vib confirmation indicator in the lib history.

New option to the confirm button in the main screen to confirm the VIB outside the context of an admission. This option is available if no admission date is reported from DIPS. This means that:

- a) Patient with admission date from DIPS: Confirm admission VIB and confirm discharge VIB are shown.
- b) Patient with no admission date from DIPS and no recent admission: Only the new VIB confirmation option (other) is available.
- c) Patient with no admission date from DIPS, but who has recently had an admission date from DIPS: All three confirmation types are available.

[RENO-6261]

The screen for creating and editing preparations has been re-done. Now, instead of specifying the default amount to prescribe, the package size for the preparation must be specified. Also, the information required for the ingredients has change.

When preparations are prescribed, it is now done similar to prescribing packages, i.e. using the package size.

When prescribing, a copy of the preparation is made and prescribed so that changing the preparation from the prescription screen will not affect the original preparation, only the copy.

[RENO-6262]

When user creates a template in the system admin, the new template window pre-selects the ward node selected as the ward to associate the template with. For non hospital installations global should be selected in a similar way

[RENO-6263]

FM now uses the latest M2 message specification (version 2.5, 2013-04-16).

It is now possible to create Helfo applications for Legemiddelblandning, in addition to LegemiddelMerkevare.

When creating a new Helfo application, the "allowed prescriber" list for opioid medications now by default includes the local organization in addition to the current user.

[RENO-6264]

When a doctor queries the RF, an M9.11 message will be sent and processed before the M9.6. A successful reply, an M9.12 message, will populate the LIB of the patient with prescriptions that can be New, Suggested as New from the Pharmacy, Suggested to be stopped by the Pharmacy, Suggested to be renewed/changed from the Pharmacy.

[RENO-6303]

Set multidose status to 'Change' if:

- The prescribed medication has changed.

- The amount (antall or mengde) in the prescription has changed.
- The Bruksområde or Dosering has changed.
- The Refusjon has changed (refusjonshjemmel or refusjonskode).
- Reit has changed.

[RENO-6304]

Delivery information received in M25.3 is displayed in the multidose tab in patient details screen.

[RENO-6306]

When doing a manual RF lookup user can select if an M9.5, and M9.11 or both are sent.

[RENO-6309]

A progress dialog is showed when performing a manual query to the RF.
Button name changed from "Vis oppslag RF" to "Gjør oppslag RF".

[RENO-6310]

A doctor has the option to accept or reject a suggestion from the pharmacy for stopping a prescription. Accepting the proposal, will stop the prescription - by the usual workflow to stop a prescription. Rejecting it will mark the prescription as handled. In both cases, an answer is registered and will be sent with the next M25.1 message.

Selecting a prescription that has such proposal from the pharmacy, will result on having the buttons for Accept, Reject and Seponer enabled, whereas the Accept and Seponer will produce equal results.

[RENO-6311]

Lib prescriptions that are not present in an incoming M25.2 (stand-alone or part of an M9.12) are marked as proposed to be stopped, requiring the doctor to accept or reject the proposal but will not generate an answer on the next M25.1.

[RENO-6312]

When a doctor accepts a proposed prescription addition, that item will be listed as Handled and defaults to the general color layout.

When a doctor rejects a proposed prescription addition, that item is removed from the LIB.

[RENO-6313]

A doctor can answer a proposal to renew a prescription question from the Pharmacy by:

- * accepting (thereby renewing or renewing with changes if renew is not possible)
- * renew (thereby accepting)
- * renew with changes (thereby accepting)
- * rejecting
- * stopping (thereby rejecting)

[RENO-6314]

Pharmacy question of type 'another' can be responded with ok button in the prescription row detail.

[RENO-6315]

App server can handle M252 messages asynchronously.

[RENO-6316]

FM is able to receive M25.3 messages asynchronously.

[RENO-6317]

When Non-multidoselege gets M9.12 with an M25.1 from a different installation (and possibly an M25.2 and M25.3) he must do a local lib and cave update via the new samstemming screen.

[RENO-6349, RENO-6866]

Dssn is no longer displayed twice in resept history item detail.

[RENO-6351]

Added new tooltips and column values on Lib Status columns representing the Multidose Proposed LibStatus

[RENO-6353]

The Undo button has been divided into 2 buttons:

1: Undo - the same as before, to use with a selected item and perform an Undo of that item.

2: A context menu containing the list of all items that can be undone. Selecting one item in the list will trigger the undo operation on it.

[RENO-6354]

Added a new column and altered the way M25 IDs are handled

[RENO-6357]

If an M25.2 is received and it contains prescription that are unknown to the local FM, they appear as proposed to be added to LIB, bearing no question, but requiring an answer from the doctor. The answer is not added to the next M25.1.

[RENO-6358]

When prescription with advanced structured dosing has a stop date in the last dosing period the stop date of the prescription is the same.

[RENO-6377]

Fixed deletion of old M9.6. They were not being properly deleted.

[RENO-6374]

Changed the Title to it will get the tooltip if the title it self is to big to be shown on the Title bar

[RENO-6375]

When adding ingredients to a preparation the fields will mark what information is mandatory.

[RENO-6392]

SLV Warnings will no longer appear duplicated.

[RENO-6405]

The multiple Lib lists will now keep their selections during the call of other methods.

[RENO-6409]

Vaccines will now appear in the vaccine tab even with past stop treatment date.

[RENO-6413]

Doctor has to respond to each question individually, accepting or rejecting proposed changes.

[RENO-6416]

When a new M25.1 message is sent, RefToParent in the message head is set to the ID of the last known previous M25.1 message.

[RENO-6457]

Doctors who are not registered as the MD doctor of a patient are able to send M25.1 messages if the MD doctor works on the same FM installation.

[RENO-6462]

Added UtlopsdatoResept to M25.1 resepts

[RENO-6463]

The FM now has a new popup window accessible from the patient banner that allows a doctor to insert an M25 comment that will be sent with the M25.1. This comment will disappear from the window when the FM receives a new M25.2 or when the doctor explicitly removes it.

[RENO-6467]

Now the M25.2 and the M25.3 general comments are registered in the DB and shown to the user through a popup whenever the patient has unread messages.

[RENO-6468]

Doctors are able to send a comment on a LIB element in M25.1

[RENO-6469]

The questions in the lib items will now be shown in reverse chronological order

[RENO-6470]

First and last dose dates based on M25.2/3 messages are shown in the multidose tab on the patient detail information screen.

[RENO-6471]

Enkeltoppforing LIB Rolle is set by the following rules:

If instituert av is registered in S.15 and only if it is selected from AR (not if it is free text) Rolle is set to "I" - Instituert av

If treatment is stopped Rolle is set to "S" - Seponert av

[RENO-6472]

The M911 will only be sent if the patient in context has an id with the type FNR or DNR.

[RENO-6485]

For non Hospital organizations the medication validation popup will not appear

[RENO-6487]

Kilde and Reaksjon now using correct kodeverks.

[RENO-6490]

Now selecting proper kortdose if renewing an imported Vib item from RF.

[RENO-6492]

it is now possible to create a new kortdose when linking to a structured dose.

[RENO-6493]

The FM can now be configured to send out messages in v2.4 or v2.5.

Version 2.5 of the M5 message has been implemented and the FM can send out M5 messages in v2.4 or v2.5 based on system configuration.

[RENO-6508]

FM now supports receiving M6/M8 messages on old schema versions (v2.3 and v2.4)

[RENO-6511]

Added support to the FM for sending out M1 messages in different versions.

[RENO-6512]

The FM is now internally based on e-resept version 2.5.

[RENO-6513]

FM can now receive version 2.4 and 2.5 of M6 messages

[RENO-6515]

Prescriptions in M25.1 messages will be sent in version 2.4 or 2.5 depending on the system version configuration parameter.

[RENO-6518]

New popup that shows the received general comments of the M25.2 and M25.3.

[RENO-6525]

The software will now merge the m252 even if it exists a more recent m251 to be processed

[RENO-6582]

Changes to multidose and PLO information on the patient screen and banner:

- Icon changed on the patient banner

- PLO and multidose changed depending on the plo and multidose state

- New option to the plo tab "patient handle his medication"

- New 3-way radio buttons in the multidose tab to define the multidose state of the patient

[RENO-6583]

When receiving a locally unknown "kosttilskudd" on a M25.2 message, the FM will keep track of the resept type so that when sending the M25.1 messages that include it, the received type can be used instead of default fallback type.

[RENO-6584]

On S15 while editing simple structured dosing Stop Date, VarerTil and amount are being calculated when updating dosing values.

[RENO-6586]

Added support in receiving new M25.2 with a know ReseptId. They now will be acknowledged and be processed accordingly.

[RENO-6587]

When a new LIB has been received in an M25.2 message without a question and the doctor rejects that line, the line is seponated and in the next M25.1 a question from the doctor (Sporsmal class with Type=5) included with standard text:

"Legemiddel skall ikke inkluderes i LIB".

[RENO-6588]

Doctors are asked (once per patient) to register themselves as multidose doctors when a PLO patient is opened.

[RENO-6598]

If the database log file is very big (over 2 GB), FMU will not try to do database log backup. It will instead truncate the log file (delete the contents). This, however, requires a second database backup to get the database and log file into sync. So, when the FM server starts, it will detect this situation and start a new database backup in the background. The backup files generated in this backup will have "_initial" in the filename.

[RENO-6606]

Support for "What's new" text that can be included in new FM releases and will then be added to the FM inbox of every doctor (but only if inbox functionality is enabled).

[RENO-6607]

Renamed RF to Reseptformidleren where the user does a preliminary VIB confirmation.

[RENO-6608]

Fixed spelling errors in the prescription screen popup that asks a doctor if the standardavdeling should be updated.

[RENO-6609]

The amount unit list is now filtered the same way as the strength unit list when specifying a preparation.

[RENO-6610]

It is now shown which fields are required for ingredients when specifying a preparation.

[RENO-6611]

The patient banner now always shows information about the latest VIB confirmation recorded, ignoring the type of confirmation.

[RENO-6612]

Medication search and prescription screen now default to the doctors default avdeling more often than before.

[RENO-6613]

Fixed a bug when creating preparation and specifying strength for an ingredient. The strength was not being saved to the database so the next time the preparation was opened/used there would be not amount or strength defined for the ingredient.

[RENO-6614]

The command timeout for schema update commands has been increased from 30 minutes to 1 hour.

Some schema update scripts have been optimized to run faster

- 813 should now take less than 1 second to run

- 835 should run a little faster and it has been split up into multiple commands to reduce the likelihood of command timeout problems.

Note, that previous versions of these scripts that have been distributed by Thula are now obsolete and should not be used.

[RENO-6615]

When looking up kortdoses based on structured dosing, prefer kortdoses that contain a "+", e.g. prefer "1+1+1" over "1x3"

[RENO-6616]

Fixed an error where M9.5 could be sent without samtykke in installations where the samtykke to download resepter from other doctors from RF is not saved in the database.

[RENO-6617]

The Merknad field is now part of a prescription template.

[RENO-6619]

A popup notification is now shown before a medication list is printed out after sending e-resepter with reference numbers.

[RENO-6620]

The Vivit samstemming button can now be hidden by system configuration (hidden by default in hospitals, shown in other installations).

[RENO-6621]

It can now be configured if assistants can print resepter (defaults to false in hospitals, true in other installations).

[RENO-6622]

It is now possible to configure how user and patient names are displayed, with the last name first or last. Note that the name shown in the pin code entry popup is the name of the card being used and will always show the first name first.

The setting defaults to last name first for hospitals, first name first for non-hospitals.

[RENO-6623]

Some changes to the display of user roles:

- Begrenset -> changed to "Les"
- Medarbeider -> changed to "Medhjelper"
- Rekvireringsrett is now hidden for read-only users.
- User role(s) are shown in the user configuration screen, as read-only.

[RENO-6624]

Indicator icons on the LIB, NIB, FIB and vaccines tabs now have explanatory tooltips.

[RENO-6625]

When a patient who has draft prescriptions is opened, a notification is now shown if the FM is configured not to place draft prescriptions directly on the signing queue.

[RENO-6626]

Added a user privilege to control access to functionality to delete prescriptions from the VIB. This privilege is by default assigned to all doctors in non-hospital installations.

[RENO-6627]

The patient information screen now shows an indication for those patients who have had prescriptions deleted from the VIB.

[RENO-6628]

Changed "Begrunnelse" text box to have a limit of 400 characters.

[RENO-6630]

The text placed on the clipboard uses now a period to separate the different elements of a prescription.

[RENO-6632]

It is no longer able to configure the visibility of Unimported Items on LesVarerIBruk. Now these items are never returned in LesVarerIBruk.

[RENO-6633]

For the prescription text put on the clipboard, if the kortdose contains the \$-symbol or if the Dssn message has been altered by the user, the entire Dssn message is used instead of the kortdose.

[RENO-6634]

The draft prescriptions will not appear in the HV printouts like kurve and samstemming. They will also not appear on the clipboard

[RENO-6635]

Configuration for M9.6 result caching has been reconfigured such that it is now active and M9.6 results have a lifetime of 60 minutes, except in hospital installations where M9.6 caching is disabled.

[RENO-6636]

Improvements to medication search indexing:

- Galenic form is now shown for preparations in the medication search screen.
- Crash due to missing ATC code on FEST medication fixed.

[RENO-6637]

Now a link is shown in vaccines view for structured dosing prescriptions.

Note that the link will be shown (both in Lib and Vaccines view) for any structured dosing regardless of its validity.

[RENO-6639]

All Patients with H-number are now referenced in the Application.

[RENO-6645]

RENO-6141: Removed the % units from the Mengde. Improved the logic when loading the Styrke units, from now on they will not load units like '%/g'.

When using Styrke with the percentage unit, it will recalculate the Mengde value, taking the package unit into consideration.

[RENO-6646]

It is now possible to use periods in the database name

[RENO-6649]

New users now default to using ICD-10 for diagnoses if the installation is a hospital. Otherwise new users default to ICPC as before.

[RENO-6652]

Fixed a timeout error that occasionally occurred in schema update #820

[RENO-6655]

1) A screen has been added to the admin dashboard where preparations and free text medications can be deleted.

2) A privilege has been added to the FM that controls which users are allowed to register new preparations and free text medications. If a user without this privilege creates a new preparation or free text medication it will not be added to the FM medication list.

This allows users to create prescriptions for their own products, but not to add preparations and free text medications to the complete medication list (i.e. they will never show up in medication search).

[RENO-6657]

Added new UI functionality to allow the end user to specify the institution when creating a template

[RENO-6666]

M2/M12 display updated to new format received from EISI.

[RENO-6670]

Fixed a bug in the database backup procedure. FM was unable to delete old backup files if the backup directory name contained spaces, such as "c:\FM backup directory". Also, this was a problem if the backup files had been marked as read-only.

[RENO-6672]

Thread error when scheduling sending the verify message at server application start no longer occurs.

[RENO-6673]

Fixed schema update #830 which could fail in some cases for installations running the full version of SQL Server

[RENO-6681]

Fixed a defect in validation of structured condition #3 from FEST which prevented Prolia from being prescribed.

[RENO-6683]

The textbox now wraps the text and grows vertically if it need to.

[RENO-6704]

Adding kordoses and selecting existing ones now works properly.

[RENO-6707]

Information on prescription in Vis utleveringsmeldinger now showing correctly

[RENO-6724]

Solved problems sending M5's

[RENO-6748]

The e-resept preview shown when sending e-resept now supports version 2.5 of the M1 message in addition to version 2.4.

[RENO-6756]

Doctors in the same installation as the multidose doctor of a patient are able to answer questions received in M25.2

[RENO-6778]

The problem of getting the wrong answer type for a question has been fixed.

[RENO-6786]

A doctor is only regarded as the LIBansvarlig lege in the installation he sent the M27.1 from, not in other installations he may be working in.

[RENO-6787]

When a prescription is received in an M25.2 message and rejected from the LIB by the doctor, it is flagged as deleted in the FM. If the doctor then receives the prescription in an M9.6 message, it is shown in "Andre forskrivninger" with a message stating that it has been rejected from the LIB. The user can then import this prescription (effectively undeleting it) and it will then be included in the next M25.1 as any other new prescription.

[RENO-6790]

When discharge date is specified on S.15 UtskrevetSykehus is set to true in the resulting M1.

[RENO-6800]

If a kortdose from FEST was used for creating a prescription, then the resulting M1 contains that kortdose.

This only applies to v2.5 (2013-10-08) of the M1 message.

[RENO-6801]

No longer able to send M25.1 if the doctor doesn't have an Hpr

[RENO-6804]

Delivery for a prescriptions reported via. an m25.3 should now be viewable in the deliveries tab.

[RENO-6809]

Indikasjon on a medication prescription is now allowed to be 60 characters long.

[RENO-6838]

Fixed defect in preparation instruction text generation that caused "a.d." suffix from going missing for ingredients and that caused the strength enumerator unit being used for both strength enumerator and denominator.

[RENO-6839]

Sent e-resept (M1) for Legemiddelblanding no longer contain structured information about Bestanddeler in the Legemiddelblanding.

[RENO-6840]

"Reason for change" is now shown correctly in the Samstemming preview window and printout, i.e. only when the prescription has actually changed

[RENO-6841]

Users with the privilege to manage local medications (free text and preparations) are now given the option to save local medications for use in a single preparation only in addition to adding a medication to the local medication list.

[RENO-6842]

The two medication lists in the samstemming screen are now better separated and are aligned with the "from" and "to" period selection above the lists.

[RENO-6843]

Fixed a defect that prevented non-admin users with the privilege to manage kortdoser from saving a kortdose encoding.

[RENO-6844]

Draft prescriptions are no longer included in printouts that result from "Skriv ut aktuell VIB" and "Skriv ut aktuell LIB".

[RENO-6845]

The user is now notified if printing a medication list in kurve form will result in more than one print job. If no printouts were prepared (most likely due to the lack of data) another warning is presented to the user.

[RENO-6846]

A warning is now shown for prescriptions of preparations that contain no ingredients, or any free text ingredients or virkestoff ingredients. The warning states that no interaction check could be done. Note: currently this warning will not be shown for non-local preparations until they have been imported

[RENO-6847]

If refusjonshjemmel 3a is selected for a prescription where a discharge date has been specified, the refusjonskode is included in the resulting e-resept even if the Helfo application has not been approved (this only applies in hospitals).

[RENO-6848]

Removed empty seponeringsdato from kur lines on clipboard text, also moved the seponeringsdato to be placed directly after Dssn text.

[RENO-6849]

Users with the privilege to manage templates can now edit and delete protocols from the protocol search screen.

[RENO-6852]

Fixed rejecting of changes made by an assistant. Previously, if a doctor created a prescription without sending it, then an assistant made some changes to it, if the doctor then rejected the changes made by the assistant, the prescription would be deleted. Now the changes made by the assistant are reverted, and the original version created by the doctor will be left.

[RENO-6853]

Slight improvements in the treatment protocol UI.

[RENO-6856]

The "Forhandsregvelved intak" selection is now maintained when changing from "Legemiddelpakning" to "LegemiddelMerkevare" in S15.

Same goes for Bruksomrade when renewing, and structured dosing will not be re-initialized when kortdose is blank on pakning/merkevare change.

[RENO-6892]

Resept Print/sending date in resepthistorikk is now displayed at the list level not in the row detail as it was before.

[RENO-6893]

New configuration parameter to allow/disallow mutlidose doctor registration.

[RENO-6904]

Created a new installer for the FM client and FM server. This was required to be able to upgrade the development environment, which was needed due to licensing issues.

[RENO-6909]

The lib row detail has been modified to accommodate multidose questions and answers. There is a new tab control with the following tabs:

- Forskrivningsdetaljer - last two columns from the detail.
- Spørsmål fra apotek - shown if there are questions from the pharmacy to be shown.
- Kommentar til apotek - comment from the doctor to the pharmacy.

[RENO-6923]

If there are outstanding questions or rows in Andre forskrivninger, it is not possible to send M1 or M25.1 messages. The signing queue counters will pop up information about which prescriptions are preventing it.

[RENO-6924]

If the only pending message is an m5 you're able to send it even if "andre forskrivninger" isn't cleared.

[RENO-6953]

When deregistering md doctor, the operation is completed locally even if there is a nack from the RF (ex. the current user is no longer the md doctor of the patient).

[RENO-6962]

Patient banner information is refreshed after M9.11/M9.12 message exchange.

[RENO-6963]

The window for samstemming between M25 and LIB shows what the sources of information are (doctor/pharmacy).

[RENO-6964]

The MedisinskEndring will now be correctly updated when there is a change on the structured dosing.

[RENO-6986]

Fixed an error in registering Helfo application for medicines that map to multiple legemiddel merkevarer.

[RENO-7001]

Support for new M5.2 added. An M5.2 is currently handled as a positive ack.

[RENO-7049]

Now PLO and multidose information for the patient is shown in the patient information banner at the top left of the main window. The layout of the patient information has been changed to accommodate these changes.

[RENO-3240]

Support for register/unregister as a patient multidose doctor is now available.

[RENO-3955]

The FM keeps track of the current and previous Multidose doctor of a patient when receiving an M28 message

[RENO-3957]

when an M28 is received that changes the registration of the multidose doctor, the former doctor is notified of the change. This does not apply if the new doctor is in the same installation as the old doctor.

[RENO-3959]

When a doctor is taking over as a multidose doctor of a patient a new screen is shown to perform a cave and lib harmonization. The doctor is able to perform local Lib and cave updates based on existing RF multidose information. After the harmonization process is complete a new M25.1 message will be sent reflecting the updates performed there.

[RENO-3960]

Doctor gets a new inbox notification when multidose patient gets a M25.2 message.

[RENO-3968]

When a "multidose" doctor rejects a prescriptions added to lib by pharmacy, with or without question, and the item is in RF a dialog pops up with a question asking the doctor if she/he wants to recall item from RF.

[RENO-3971]

Doctors are not allowed to send an M25.1 or M1 unless they have processed all updates received in M25.2 and M25.3 messages and Andre forskrvinger is cleared of all active rf prescriptions.

[RENO-3972]

After an M25.1 message is sent for a patient, following M25.1 messages will include all prescriptions that have been deleted and stopped since the date of the first M25.1

[RENO-3975, RENO-3977]

FM now supports sending M25.1 messages (varer i lib) at the same time that M1 and M5 messages are sent out.

M25.1 messages are added to the queue when a change in the patient Lib is registered.

[RENO-3980]

The user is now warned if closing on a pending M25.1, i.e. a warning shows up if there is either an M1 or an M25 or both pending.

[RENO-3982]

Information about multidose doctor and multidose pharmacy is updated when querying the RF for multidose information.

[RENO-3984]

The latest M25.1 message can be printed from the Print button in the FM main view. Any M25.1 message can be printed from the Multidose history tab.

[RENO-3985]

Patient Information screen has been rearranged.

[RENO-3989]

New multidose history tab containing all sent and received M25 messages for a patient.

[RENO-3991]

Stylesheets are now being applied in the multidose history tab.

[RENO-3992]

When using structured dosing (simple or advanced) for prescribing a medicine, the FM will check if that structured dosing matches any existing kortdose. If it does, that kortdose is automatically selected in the list of available kortdoses. If the kortdose found is not linked to the medication, a checkbox is shown that enables the user to link the kortdose and medication so that the kortdose will be available the next time the medication is prescribed.

[RENO-4001]

When renewing prescriptions with structured dosing, the dosing periods are converted to adjust to the renewal date. When changing an existing prescription S.15 is initialize with structured dosing info.

[RENO-4002]

Now advanced structured dosing information can be entered when creating/renewing a prescription.

[RENO-4005]

Correction to error on S15 : "Cannot Reopen undo unit while another unit is already open."

[RENO-4456]

Fixed error with importing patients into a newly created database

[RENO-5086]

Receiving m25.1 messages is now supported by simulator.

[RENO-5368]

- When the RF receives an M25.1, it automatically generates an M25.2 and M25.3 based on the M25.1 and store them.
- The simulator allows a user to add questions to lines in the M25.2.
- The simulator allows a user to add delivery information to the M25.3 (Pakkeinfo (un editable at the moment) and siste utlevering).
- The simulator allows the user to asynchronously send M25.2 and M25.3 (like an M6 or M8).
- The simulator includes the latest M25.1, M25.2 and M25.3 when an M9.12 is downloaded and allows the user to select which types of M25 messages are included in the M9.12.
- The simulator includes information about the multidose doctor and multidose pharmacy of the patient in the M9.12

[RENO-5369]

Discontinued medication from the M252 or M253 information will no longer be contained in the M25.1

[RENO-5423]

Deleted prescriptions that have been sent in M25.1 (after being deleted) are not be included in later M25.1 messages if an M25.2 or M25.3 has been received without the deleted prescription.

[RENO-5424]

If "Andre forskrivninger" is not empty an M25.1 is never sent. The user is warned about this before sending, although user is still able to send M1 and M5.

[RENO-5425]

Seponering made by an assistant has to be accepted (or rejected) by a doctor. Inbox notifications are sent when assistant proposes to seponate a medication.

[RENO-5498]

Some changes to the display of user roles:

- Begrenset -> changed to "Les"
- Medarbeider -> changed to "Medhjelper"
- Rekvireringsrett is now hidden for read-only users.
- User role(s) are shown in the user configuration screen, as read-only.

[RENO-5497]

If a responsible ward is sent in StartPasient, it is included in "Denne resepten blir utstedt av" on S.15

[RENO-5504]

Medications of group Kosttilskudd can only be prescribed as Registreringer, not resept.

[RENO-5505]

In the Admin Dashboard > Manage Kortdoses screen is now possible to manage kortodse encodings. Visualize encodings for fest kortodses and create/edit for local kortdoses. These are then applied in the calculations for the amount needed or the lasts until in the Prescription screen.

[RENO-5506]

The "instituert av" validation error should now only show up for hospitals.

If it has this error has been raised on the text box before, selecting "Ingen" for "Refusjon kode" should now clear the error unless prescriptions otherwise requires it.

[RENO-5519]

FM now uses the latest M2 message specification (version 2.5, 2013-04-16).

It is now possible to create Helfo applications for Legemiddelblandning, in addition to LegemiddelMerkevare.

When creating a new Helfo application, the "allowed prescriber" list for opioid medications now by default includes the local organization in addition to the current user.

[RENO-5523]

Removed configuration parameter for visibility of prescription indication as it will be visible/enabled for all installations.

[RENO-5527]

M25.1 preview is available when signing and sending.

[RENO-5539]

The organization tree now has same icons as the the one in the template admin window and is fully expanded when the view is opened up.

[RENO-5577]

The dosing of the drug is showed on a weekly dosing calendar at the bottom of the advanced structured dosing screen.

[RENO-5590]

Structured dosing information is now displayed on the weekly calendar for medicines in LIB.

[RENO-5593]

When prescribing "fast" for a "multidose" patient the amount prescribed per iteration should be automatically calculated based on structured dosages and 3 reiterations. The time frame for the calculation is within a year, stop date or dosing end date, whichever comes first.

[RENO-5594, RENO-3993, RENO-3994, RENO-3995]

"Reason for change" is required if a new kortdose is selected and Dssn changes as a result.

[RENO-5610]

M25.1 messages are correctly populated.

[RENO-5626]

Cursor doesn't skip a line when using arrow keys to browse between lines in list of kortdoser in admin client.

[RENO-5639]

When linking kortdose to medicine in admin client the package info is displayed more concisely.

[RENO-5641]

It is now possible to register free text medications as kosttilskudd.

[RENO-5655, RENO-3979]

If dssn text is derived from structured (advanced or simple) dosing or selected from short dosing drop down menu the dssn text will be read-only. The user can clear selected or derived dosing information if he/she wants to edit the text.

[RENO-5657]

Doctors are alerted if there are still unhandled multidose elements in the lib when closing the application.

[RENO-5659]

Value for Indikasjon/Begrunnelse is now visible in Resepthistorikk row detail.

[RENO-5663]

CAVE information is sent in M25.1 messages.

New Kilde and Reaksjon value are mandatory for all CAVE registrations.

[RENO-5672, RENO-5660]

When editing structured dosing a lookup is made to find the kortdose for the current dosing. If there is a match the user can link the kortdose to the medication. If not a new kortdose can be created. This is controlled on advanced structured dosing screen by checking/unchecking "new kortdose"/"Link to medication" checkbox.

[RENO-5675]

It is now possible to select dosing units from a sorted drop down list in structured dosing tab in S15, which should drop down on keyboard focus.

[RENO-5676]

When renewing a prescription with structured dosing, the dosing periods are rewritten and a warning is showed if a dosing period is dropped or a dosing period with an end date changes the start date.

[RENO-5679]

Warning about the number of "Andre forskrivninger" now only takes local items into count and is only run once, i.e. before dropping an M9.5.

[RENO-5694]

Alert for unsent/not printed prescriptions gets marked as read in inbox.

[RENO-5698]

A more sensible message is showed when sending a M25.1 message to RF fails.

[RENO-5699, RENO-5757]

The specification of the M2 message has been updated and added support for sending M2 messages without previous treatments.

[RENO-5722]

When selecting the diagnosis (for ICPC) for the Helfo Application, the list will now contain the entire kodeverk 7170 ordered by code, mainterm-subterm and description.

[RENO-5725]

Added support to use the term and subterm of a Reimbursement code present in M30 messages when filling an Helfo application. These are then present in the M2 message sent.

[RENO-5726]

Two checkboxes on S.16 (Helfo Application screen) were moved to free vertical space.

[RENO-5727]

Correction to Legemiddelpakning info in prescriptions from FEST.

[RENO-5728]

Handling of multiple items in a Helfo Application has been corrected. Now, each applied item, even part of the same M2 message, is seen as an individual helfo application.

[RENO-5739]

Automatic updater

Prescriptions in a M25.1 message will reference the eRp currently in RF even it has been locally renewed/updated such that it is shown as a registrering i LIB.

[RENO-6355]

-RFC#9 (Multidose)

"Doseres etter" should be correctly set in M1 for strukturert dosing

[RENO-5741]

Dssn text should not be empty anymore when renewing with change on prescriptions with structured dosing.

[RENO-5742]

When registering a prescription (except for packages containing >1 type of medication) it should be possible to create (simple) structured dosing. It should also be possible to specify "Doseres etter" when structured dosing has been specified (when working with free text dosing, Dssn, "Doseres etter" should not be available).

The Dssn shown in the LIB and included in the M1 should be automatically generated from the structured dosing specified in S.15. When structured dosing has been specified, it should not be possible to edit the Dssn without first removing the structured dosing.

[RENO-5547]

