



# eResept 2.9.0 (#6510)

## Release Notes

26.3.2013

## No component defined

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Memory leaks in the FM client have been fixed so now it should not increase its memory usage over time.

[ RENO-3614 ]

Refusjonskode is now always shown in LIB. Previously it was shown only after receiving a confirmation from Helfo.

[ RENO-4086 ]

Prescriptions in resept historikk tab can now be grouped by year

[ RENO-4089 ]

Ward admission information is showed in the patient demographics box.

[ RENO-4136 ]

The medicine search window now has a new text area (bottom right corner) that shows extra information for the selected medicine.

[ RENO-4159 ]

Hyperlinks to external information sources can now be defined dynamically via the admin dashboard (new tab sheet in the system parameters screen).  
Note that links to SPC information are dynamically added from FEST and are not configurable.

[ RENO-4163 ]

Bruksveiledning fields in S.19 and S.20 are now accepting the return key.

[ RENO-4173 ]

It is now possible to disable the editing of patient PLO information. This is disabled by default in hospitals and enabled otherwise.

[ RENO-4184 ]

It is now possible to prescribe partial packages.

[ RENO-4185 ]

The create new NIB and FIB screens have now a new field to input a Comment, which is kept with the prescription and sent in the Merka field of the M1 message. This comment is also visible in the NIB or FIB tab, in the extended version of a line.

[ RENO-4189 ]

A correction has been made to the prescription validity calculation.

[ RENO-4272 ]

In the Prescription window (S15) the Kortdose combobox now includes a button that opens a popup window allowing the using to create a new kortdose and link it to the medication in use. The user can as well select an already existing kortdose, linking it to the medication. Kortdoses part of the FEST data are shown in the combobox list grouped together, as the kortdoses locally created by users. Kortdoses and their association to medications (legemiddel, freetext or preparation) can be managed In the Admin Dashboard.

[ RENO-4289 ]

LIB row details are visible only when one row is selected. This is also true for the RF bottom grid in LIB view.

[ RENO-4348 ]

The word "ref" is only showing on prescriptions (LIB,NIB) with Reimbursement in the clipboard results.

[ RENO-4415 ]

The LIB details panel has been extended to contain information about the last user that edited the prescription, replacing the previous Registered by user. Also, an "approved by" user information has been added to the same area in the LIB details. Note that these new fields will only be accurate for prescriptions registered after version 2.9.

[ RENO-4424 ]

Some formatting changes have been made to the VIB printout.

[ RENO-4429 ]

The printing of LIB/VIB report is now logged to the database. The log contains the content of the printout and information about the patient, user and time of printing. This log can be viewed through the LIB history screen. A vertical line is shown for each printout, similar to the "Now" line. Selecting (clicking) a printout line and pressing the "Printout details" toolbar button will bring up a new screen showing the details of the printout.

[ RENO-4489 ]

The Windows clipboard is now been cleared when the application is closed.

[ RENO-4494 ]

Interaction warnings are shown in the LIB even when they have been flagged as handled. The medication warning pop up is disabled if interaction is marked as handled.

[ RENO-4495 ]

Username and timestamp are now registered in the database for handled interactions and shown on the warnings popup for handled interactions.

[ RENO-4497 ]

Paper M8 messages are associated with a previous trp if one exists in cases where the current prescription version is an eRp.

[ RENO-4574 ]

Some warning texts during prescription renewal were not wrapping properly, should be fixed.

[ RENO-4589 ]

More information is now shown about VIB confirmations when generating samstemningsrapporter from LIB historikk.

[ RENO-4595 ]

The "RF oppslag" screen, where reference numbers can be entered, now has a checkbox for marking if the patient has given consent for querying RF. This is only shown if the patient has not given consent in the current session. The OK button (to query RF) is only enabled if the checkbox is checked.

A new system configuration parameter controls if this checkbox is checked by default or not (when the patient has not given consent yet).

Another new system configuration parameter specifies if the patient's consent is stored in the

database or not. This parameter is initialized to not storing consent in hospitals, but to store it for non-hospitals.

When this parameter is set such that consent is not stored, no information about RF lookup consent is shown in the patient info banner.

[ RENO-4601, RENO-4602 ]

The ATC level used in CAVE checks is now configurable via the system configuration.

[ RENO-4617 ]

A new implementation has been added for downloading the FEST catalog from a new version of the FEST web service. This new service uses streaming of the data rather than a string-based approach. Using this new version should eliminate the "out of memory" errors that have been seen in the FEST updates, especially on 32 bit systems. The old implementation is still supported. Which one to use is configurable in the Admin UI.

[ RENO-4616 ]

The intervention warning dialog now tells the user that the intervened prescriptions are read-only for assistants and the button on it is displayed with a simple close button.

Prescriptions with unhandled intervention warnings should now be read-only for assistants.

[ RENO-4745 ]

Medications that do not have SortertVirkestoffMedStyrke information will now map LegemiddelMerkevarer, for looking for helfo applications, using RefVirkestoff information

[ RENO-4775 ]

When calling the EPJ API method LesVarerIBruk, the Dssn message of the resept will be stripped out of all chars that are under 32 ASCII value, with the exception of LF and CR which are replaced by a space char.

This change is an attempt to clean up the garbage in the dssn message that seems to be crashing WinMed application.

[ RENO-4785 ]

Fixed a bug where the FM application server stopped picking up messages from the message inbox. This most likely happened if the inbox is on a network drive and the network connection is lost. Then, the message process was not resumed when the connection was established again. The message handler will now try to resume the processing every 5 seconds if a problem is detected. An event log message is written when a problem occurs and again when the processing is successfully resumed.

[ RENO-4832 ]

Ekstern info is now available from the LIB and resept historikk.

[ RENO-4864 ]

Fixed a problem when schema update 820 needs to be re-run (if it failed the first time). Now, the Documents.1 database is put into "single\_user mode" to close any open connections before trying to delete it.

[ RENO-4985 ]

The RF status of newly sent resepter is now set to Ekspederbar.

[ RENO-5000 ]

Prescription creation date is included on LIB row details.

[ RENO-5028 ]

The caption and tooltip of the button that creates free text medications on S11 was updated, as

well as the title on the create new free text window.

[ RENO-5043 ]

In hospital installations, prescription type now always defaults to eRp/uRp regardless of patient's admission status. If a new prescription is created with a different type, that type is used as default if another prescription is created in the same patient session.

[ RENO-5046 ]

Indication viability when creating a prescription is now configurable in system administration.

[ RENO-5059 ]

Bruksområde was already being included in the text copied to the clipboard through the LIB historikk if the user indicated a time interval (via Samstemming button) with a valid start date. Now, Bruksområde is always included when copying VIB items to clipboard.

[ RENO-5061 ]

Doctors now have to approve draft prescriptions (governed by a system setting) before sending to RF.

[ RENO-5062 ]

When importing items from rf grid, if refund code is not the user's default warning appearance is controlled by configurable system setting

[ RENO-5066 ]

Users can decide which interaction warnings cause popups: All interaction warnings, only red ones, red and orange, or no interaction warnings.

[ RENO-5067 ]

User can now turn off double medication warning popups.

[ RENO-5068 ]

When copying LIB items to clipboard the items are sorted the same as in the LIB grid.

[ RENO-5070 ]

Refusjonkodes are now sorted by code instead of description.

[ RENO-5071 ]

Long patient first and last names are truncated to 30 characters in MsgHead before being sent to RF.

[ RENO-5072 ]

"Sett" is now identified with the full description, rather than just "S" in the medication search screen. The "Sett" indicator is also shown in the Form column in the medication search.

[ RENO-5073 ]

An icon is now shown in the headers for the LIB/NIB/FIB/vaccine tabs when the tab includes a prescription that was registered by an assistant and has not been accepted or rejected by a doctor. The tab header also shows the count of such prescriptions. Also, the number of messages that are ready to be sent is now shown with the envelope icon.

[ RENO-5075 ]

M8 Items in RF pane are not displayed in LIB History.

[ RENO-5138 ]

Number of units is now available for FIB prescriptions that use vilkar 5043

[ RENO-5131 ]

New generic substitution warning on renewal when prescription fields (Merknad or Dssn) contains one of the keywords listed:

tillat

tillatt

generisk

virkestoff

reservasjon

ikke

bytte

byttes

byttbar

legereservasjon

[ RENO-5132 ]

Certificates used to authenticate between client and server are now set to never check for revocation.

Configuration of application server set to not generate publisher evidence, since we're not using signed assemblies.

[ RENO-5135 ]

The Vivit samstemmingsmodule can now be used in the FM.

[ RENO-5137 ]

Avsluttet status is now considered when receiving an M8/M6

[ RENO-5142 ]

creation of M5 messages from old prescription now follow the new rules mentioned:

-resepter that are in one of the states (Ekspederbar, Under ekspedering, Under behandling SLV)

-resepter that are less than one year old.

-resepter that an M5 has not been sent previously.

note that these rules apply to previous versions of the prescription, not most recent resept in the treatment.

[ RENO-5143 ]

Message files in incoming folder above 10mb in size will be ignored as well as files which do not have the string "[ RENO-5144 ]

The display of the LIB has been changed. A new two-line display mode has been added and the previous one-line mode has been changed, some columns have moved and others are shown in a smaller font or bold.

The user can select which of the two display modes to use from the user configuration screen

[ RENO-5146 ]

Replaced shell integration with a ZIP library to prevent errors on older operating systems when compressing database backup files.

[ RENO-5156 ]

It is now possible to prevent an M9.5 from being sent every time a patient is opened. A timeout can be set so that an M9.5 is only sent if a certain time has passed since the last M9.5 was sent. The timeout is configurable and is by default set to 0 minutes (meaning that M9.5 is always sent by default like before).

[ RENO-5161 ]

Added data independent key to interaction warnings to ensure uniqueness in collections such as dictionaries.

[ RENO-5164 ]

It is now possible to add, edit and stop prescriptions from the Vivit samstemmings screen.

[ RENO-5165 ]

It is now possible to edit the samstillingstext when using the Vivit samstillings module.

[ RENO-5166 ]

The text box for comments for an S16 (M2) is now limited to 4000 characters.

[ RENO-5203 ]

A new icon set has been integrated with the FM client.

[ RENO-5212 ]

Added VibStatus and InstituertAv fields to Resept element for future use in the EPJ API XML specification.

EPJ API namespace updated to <http://www.kith.no/xmlstds/eresept/forskrivningsmodul/epjapi/2013-03-12>.

InstituertAv is populated in LesVarerIBruk and XML export from the FM. Note that InstituertAv only has a value when instituert av has been explicitly registered (by a user) for a prescription in the FM.

[ RENO-5233 ]

Fixed a problem with processing incoming asynchronous messages when not using data compression.

[ RENO-5262 ]

Fixed tooltip for hjelpestoff CAVE warning in LIB. It was showing the item id instead of the name.

[ RENO-5268 ]