



# Forskrivningsmodulen (e-resept) 4.4.0 (#17120)

## Release Notes

11.12.2018

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## Customer Feature

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Installation of "Buypass Javafri" should start automatically via "ID Porten" login in the browser integrated in FM.

[ RENO-15045 (Bug 188781), Resolved, Bug 188781 - Installation of Buypass Javafri does not start via ID Porten login in the browser integrated in FM ]

Microsoft Visual c++ packages are now included with the FM Client Installer

[ RENO-14991, Resolved, As an FM user I do not want to install Visual C++ Redistributable Packages 2013 separately ]

In the FM admin view, in "administrer brukere" view an FM admin can now grant nurses the right to view and print via the report module.

[ RENO-14828 (ERSA 13868), Resolved, As a nurse in an institution without doctor users I want to use the report module in the FM in the same way as a doctor ]

The prescriptions returned by the "les varer i bruk" method, now can include a double medication warning string on prescriptions where double medication warnings apply.

[ RENO-14802, Resolved, As an EPJ system, I want prescription information to include double medication warnings ]

Les varer i bruk epj method should now return cave ids (same ids as les cave method returns) for medications prescribed with cave warning(s) and the reason for doing so if specified.

[ RENO-14801, Resolved, As an EPJ system, I want prescription information to include CAVE warnings ]

"Les varer i bruk" method now accepts a date range to query for "varer" and the reply includes "Kladdgrunnlag" if there are renew drafts in the returned prescription list.

[ RENO-14799, Resolved, As an EPJ system, I want to be able to specify a time interval for LesVarerIBruk ]

The EPJ API has been updated to support more information on allergies.

New namespace has the date 2018-07-30.

This namespace can be exposed in a web service via the FM admin.

[ RENO-14795, Resolved, As an EPJ system, I want to exchange more detailed CAVE information with the FM ]

In the FM admin view for Nurses, Midwives and "Helsesøstre" with the "dobbelsignere kladd" privilege the FM admin view allows for an additional privilege, "dobbelsignere kladd fra medhjelper" which allows users to "accept / reject" drafts from assistants in a similar way as the "dobbelsignere kladd" allows.

[ RENO-14791, Resolved, As a nurse/helsesøster/midwife, I want to accept drafts from assistants ]

Draft AK journals are now shown with a yellow background in AK journal view.

[ RENO-14732, Resolved, As a user I want the AK journal to show drafts with a yellow background, ]

## Feature

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For installation that allow local changes to prescriptions on import, it is possible to import prescriptions with an expired dosing scheme, but only by supplying a new end date.

[ RENO-15044, Resolved, As a user, I want to import a seponated prescription when edit-on-import is enabled ]

Allow FM 4.4 to be updated without running the installer. Removed x64 CefBrowser dependency.

[ RENO-15015, Resolved, As a user I do not want to have to run the FM client installer in order to use Helseld ]

For installation that allow edit on import, items in "AF" grid with a stop date are shown in a strike through font.

[ RENO-14997, Resolved, As a doctor I want to specify a seponeringsdato whenever I import a resept with an end date in structured dosing but without a seponeringsdato from M25.1, even if that resept is not a Kur ]

FM will ask for authentication with Helseld only if the previous authentication information has expired.

[ RENO-14962, Resolved, CLONE (4.3) - As a user, I do only want to authenticate with Helseld if my previous authentication has expired ]

Admin users are now able to create new Helseid client registrations via organization configuration.

[ RENO-14961, Resolved, CLONE (4.3) - As an admin, I want to create a new Helseid client configuration ]

Admin users are now able to view existing Helseid client configuration for an institution

[ RENO-14960, Resolved, CLONE (4.3) - As an admin, I want to view existing Helseid client configuration for an institution ]

Users are now able to perform Helseid authentication via an embeded browser popup when performing Kjernejournal lookups

[ RENO-14958, Resolved, CLONE (4.3) - As a user, I want to use Helseid for authentication when looking up in KJ ]

When importing a prescription and adding local changes both the user who imported and the one who created the original prescription are visible in the LIB details

[ RENO-14234, Resolved, As a user I want to see who imported a prescription which was imported with local changes and I want to see who created the original prescription in the LIB details ]

Replies from "Les varer i bruk" method should include local changes done on import. I.e. if a user has imported a prescription with missing information which was in turn added during the import, those changes will be shown in reply.

[ RENO-14230, Resolved, As an EPJ I want to see additional local data when I read a prescription via the FM EPJ API (LesVarerIBruk) ]

After adding data during an import with LIBansvarlig the added data won't be sent out when sending a new M25.1 message

[ RENO-14229, Resolved, As a doctor who is sending an M25.1 message I do not want that message to include local data added during the import of a prescription ]

In samstemming a prescription imported with additional local data will not be shown as equal to the original prescription

[ RENO-14228, Resolved, As a samstemming user I do not want a prescription imported with additional local data to be shown as equal to the original prescription ]

Users allowed to accept/reject drafts are able to approve/reject draft imports with additional local data in samstemming

[ RENO-14225, Resolved, As a user allowed to accept/reject drafts I want to approve/reject draft imports with additional local data in samstemming ]

Users are now able to add additional prescription information when importing a prescription in samstemming

[ RENO-14224, Resolved, As a doctor or a user allowed to create drafts I want to supplement prescription information when I import a prescription in samstemming ]

Users must do a renew with changes after importing a prescription which was imported with additional local data

[ RENO-14223, Resolved, As a user I want to renew a prescription which was imported with additional local data ]

When rejecting an import suggestion, no recall is issued for the prescription.

[ RENO-14222, Resolved, As a user allowed to reject an import draft, I do not want an M5 to be created when I reject the import of an ekspederbar resept ]

Users who are allowed to reject drafts are now able to reject a proposed import with addition of local data.

[ RENO-14221, Resolved, As a user who is allowed to reject drafts I want to reject the proposed import of a prescription with the addition of local data in the LIB ]

Users who are allowed to approve drafts can now approve a proposed import of a prescription with the addition of local data.

[ RENO-14220, Resolved, As a user who is allowed to approve drafts I want to approve the proposed import of a prescription with the addition of local data in the LIB ]

Users that are able to create drafts can now create an import draft with added local data when importing from AF

[ RENO-14217, Resolved, As a user who is allowed to create drafts I want to create an import draft with added local data when I import from AF ]

If a prescription has been changed during import without signing and sending the different prescription documents can be viewed in the prescription preview in lib row detail.

[ RENO-14216, Resolved, As a doctor I want to see a preview of both the original prescription, and a prescription with supplemental local data after local data was added during import ]

Properties which can trigger a change to prescription on import are shown in lib details if not the same as the original.

[ RENO-14215, Resolved, As a doctor I want to see what local data was added during import and what the original prescription looks like ]

When viewing suggested changes in the lib row detail. The list of suggested changes and the original have been switched, i.e. the suggestions are now in a list of the left side with the original values on the right.

[ RENO-14214, Resolved, As a doctor I want to see proposed changes in a draft on the left-hand side in the LIB detail ]

Users are now able to add local data to a prescription being import from AF/samstemming.

[ RENO-14198, Resolved, As a doctor I want to supplement prescription information when I import a prescription from AF ]

When signing and sending a prescription with "forholdsregel ved inntak" set along with structured dosing, the structured dosing part is stripped off the messages before sending to the RF.

[ RENO-14195, Resolved, As a doctor I do not want structured dosing or kortdose to be included when I send an e-resept with forholdsregel ved inntak to RF ]

If FM installation is configured to allow editing of missing information on import then the prescription view will allow "forholdregel ved inntak" and "strukturert dosering" to be set at the same time.

[ RENO-14187, Resolved, As a doctor I want to register both forholdsregel ved inntak and structured dosing when the FM is configured to allow the addition of local data during import ]

When the FM is configured to allow editing of missing local information on import, only one item can be imported at a time.

[ RENO-14186, Resolved, As a doctor I do not want to import multiple prescriptions from AF at the same time when local data can be added during import ]

FM administrators can configure the FM to allow editing / adding of local data on prescription import.

[ RENO-14185, Resolved, As an administrator I want to enable the addition of local data during prescription import ]

## Customer Defect

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In installations configured to allow edit on import. The FM should no longer fail when importing from other lists than LIB.

[ RENO-15069 (Bug 190487), Resolved, Bug 190487: Not possible to add Vaksine, FIB and NIB from AF when "Legg til informasjon ved import til LIB når dette mangler" in Systemadminsitrasjon is JA ]

"Les varer i bruk" method now returns an error if "vib start" is given as a date that is later than the date given as "vib stop".

[ RENO-15067 (Bug 190322), Resolved, Bug 190322 - IF is set to be before in time FM still returns with content ]

Fixed issue with HelseID authentication where user smart card credentials were being used by another user.

[ RENO-15059 (Bug 190019), Resolved, Bug 190019: Intergration with HelseID and new KJ service: Change of users (doctors) does not require use of Buypass login -> WRONG HelseID is used when requesting info from Kj. ]

Stop suggestions for imported prescriptions are no longer considered stopped in "les varer i bruk" replies.

[ RENO-15049 (Bug 189570), Resolved, Bug 189570: Prescription with draft seponering, where the proposed date of seponering is in the past not included in LesVarerIBrukSvar ]

Fixed helseid token cache being considered for all users

[ RENO-15027 (Bug 187612), Resolved, Bug 187612: Helseid: Logged in Helse ID user is cached for all FM users ]

It is now possible to perform KJ lookups for patients with DNR

[ RENO-15011 (TFS 187015), Resolved, TFS 187015 - KJ lookup not possible for patients with DNR when using HelseID ]

"Les varer i bruk" reply for free text medication includes "Styrke" and "Legemiddelform" for preparations now.

[ RENO-15008 (TFS 185294), Resolved, 185294 - Inconsistency in what is delivered in LesVarerIBruk answer for free text drug, as compared to preparations (magistrelle), kosttilskudd and merkevare ]

One day courses are correctly returned in "les varer i bruk svarer" as having a stop date and time at midnight the following day.

[ RENO-15007 (TFS 186948), Resolved, TFS 186948 - Inconsistent date+time sent in when LIB-element is seponated ]

Bugfix: Items with pending "add to LIB" questions from pharmacy no longer show up in "les varer i bruk" response.

[ RENO-14954 (Bug 181549, Bug 181563), Resolved, CLONE (4.3) - Bug 181549, Bug 181563: LesVarerIBruk contains prescriptions received in M25.2 with question to add-to-lib ]

A rejected "add to lib" suggestion by pharmacy doesn't show up in LIB list anymore.

[ RENO-14953 (Bug 181549), Resolved, CLONE (4.3) - Prescription visible in LIB after doctor rejects an Add-To-Lib proposal ]

In the admin view when looking for local users the search can now return separate local users, even if they share name and hpr id.

[ RENO-14952 (Bug 181246), Resolved, CLONE (4.3) - Bug 181246: No filter function on user in the handlingslogg for reject and undo functions in FM admin ]

The prescription view shows replies from HELFO regarding "refus. 3" correctly now, i.e. only one line in "begrunnelse" is ever shown with the full comment available in a tool tip.

[ RENO-14951 (Bug 181166), Resolved, CLONE (4.3) - Bug 181166: Maks døgndose is missing when all applications are with morphine equivalents (M2) and all the answers (12) has morphine equivalents, and the detail button is missing when text from M12 is long ]

When warning about prescription time periods that span whole year(s), 12 months, 52 weeks or 365 days are considered mean the same period. Same goes for a single month, 4 weeks and 28-31 days.

[ RENO-14949 (Bug 180709), Resolved, CLONE (4.3) - Bug 180709: Wrong warning in FM when renewing a prescription with "gyldighet" 52 weeks and the new prescription has the same "gyldighet" ]

In dentist installations, dentists can no longer create drafts, as this can lead to change suggestions to prescriptions which require a recall from an installation where no doctor is available to accept or reject.

[ RENO-14948 (Bug 180551), Resolved, CLONE (4.3) - Bug 180551: Dentist in Dentist installation should not be allowed to import prescriptions from AF made by doctor. In this case the "Legg til" button should be inactive with a tooltip to explain. FM throws error ]

Fixed null reference exception when opening "samstemming" after importing a preparation and then subsequently removing the lib.

[ RENO-14947 (Bug 179963), Resolved, CLONE (4.3) - Bug 179963: FM throws error message when user try to open samstemming after using "Fjern Lokal LIB" on patient that has used the Erstatt lokal LIB med PLL, and there is a Magistrelt legemiddel importet in samstemming ]

Undoing a renew draft based on a locally deleted history data no longer ends in an exception, and undoing the renewals should work as expected.

[ RENO-14945 (Bug 179876), Resolved, CLONE (4.3) - Bug 179876: Error when doctor or assistant regrets renewing of prescription from LIB history after "Fjern Lokal LIB" is used ]

When doing "Fjern LIB" and then "Add LIB" in two consecutive "samstemming" sessions, adding items without "resept" or not-in-RF no longer results in an error.

[ RENO-14898 (Bug 182235), Resolved, Bug 182235: Still error when using Fjern lokal LIB and the erstatt lokal LIB med PLL on LIB installation, on kosttilskudd gevita which is not in RF, but has been in M25.1 ]

External items are no longer used to update the stop date of a local item that is on the LIB.

In "samstemming" items with unequal stop dates will not be considered equal.

[ RENO-14862 (Bug 180335), Resolved, Bug 180335: Seponated prescriptions received in M25.1 not shown as seponated in samstemming ]

## Defect

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"Les varer i bruk" method should handle prescriptions imported by linking better now.

[ RENO-15051, Resolved, Linked prescription that was double signed by a non-doctor isn't showing in LesVarerIBruk when called with a date ]

Fixed default Helseid DCR api address to <https://helseid-api.nhn.no/>

[ RENO-15031, Resolved, Helseid configuration defaults to test address for DCR API address ]

The vaccine warning checker wasn't taking the lib list into account when fetching full warning info, but it should now.

[ RENO-15018, Resolved, CLONE (4.2) - Interaction warning text not shown for vaksine when interacting with legemiddel ]

When renewing an item to an AK journal the FM no longer creates a new treatment but simply renews the item into an AK journal using existing treatment.

[ RENO-14946 (Bug 180831), Resolved, CLONE - Import+renew draft chain can leave two resepter for Marevan in the LIB ]

When a lib responsible doctor deletes an item from LIB which has never been in any m25 message, it will not be included as stopped in the next and should not yield a pending m25 on signing queue.

[ RENO-14944, Resolved, CLONE (4.3) - It's possible to delete an unsent resept in LIB-ansvarlig installation resulting in an error ]

The double signing privileges for nurses, helseøstre and midwives have been reset to "no". This means that if a "sykepleier", "jordmor" or "helsesøster" should be able to double sign an FM admin will need to manually set those privileges again.

[ RENO-14943, Resolved, CLONE (4.3) - Default value for double-signing is set to Yes for helsesøstre, midwives and nurses ]

Pressing the "a" button when no input field has focus and FM is in the LIB list view, no longer activates the "renew all" function, unless the "ALT" key is pressed as well.

[ RENO-13047 (Bug 190317), Resolved, Keyboard shortcuts do not require alt + combination when cursor focus isn't set ]