

Change log for Mobile NMRS version 24.2.1.

* Prerequisites:

The outlined prerequisites and steps must be followed to successfully complete the deployment of the NMRS mobile version 24.2.1.

1. The mobile device for the targeted deployment must have an established connection to the NMRS instance server.
2. NMRS metadata unified-1.2.5 version is required and must be running on the server instance.
3. NMRS biometric service version 2.0.0-SNAPSHOT is required and must be running on the server instance.
4. The *Rest Web Service Settings* – Default Result Size should be set to a minimum of 100 under Administration page on NMRS server instance.
5. Ensure port 2018 and NMRS web instance port are open on WLAN communication.
6. APK installation on new device
 - Ensure PBS service and web instances are running.
 - Install the apk on the mobile.
7. Upgrading APK to the latest version on existing device
 - Ensure PBS service and web instances are running.
 - Ensure the IP address is still the same as with the server instance.
 - **Completely sync all data on the existing device before installation of this apk.**
 - Install the apk to upgrade to the latest version.

Changes made to version 24.2.1.

- **Care Card and Client tracking and discontinuation forms enabled:** Updated the code and .json resources to show the mentioned forms in appropriate views.
- **Added auto onboarding of forms:** Start forms service immediately when login is successful, and properly ensuring the availability of forms before the app can proceed to the main page.
- **PBS service and Metadata module version preview and popup:** Check and show popup to ensure the versions of the PBS service and metadata are compatible with the apk before allowing the user to enter data into the application.
- **Optimized "form display" mechanism:** Updated display to allow effective control for child elements such as showing or hiding child field.
- **Duplicate ART number resolved.** Eliminate the effect of creating additional record of ART number.
- **Notification:** Only patients records modified on the mobile get synced and showed up on the notification popup. Added a Full sync button to the notification popup to allow user to retry data sync sequential with filtered synchronization.