

## Release Note 3.47.2.2966



### 1 PURPOSE

This document describes the Release Notes for the Spirare PC Client Software.

We work continuing to bring you the best version of Spirare software by continuously adding and improving features, fixing bugs, polishing the design, and ensuring compliance with Medical Device regulations. This commitment to quality includes regular updates to enhance stability and performance, providing a smoother user experience. We are committed to regularly updating Spirare to include the newest features and improvements. By updating to the latest version, you can experience these enhancements first-hand. We listen to your feedback, which is crucial for guiding our updates and helps us continually adjust and improve Spirare to meet your needs. This release includes several bug fixes and performance improvements, among other updates. Stay up to date to enjoy the latest improvements and ensure the optimal performance of your medical device software.

### 2 DOCUMENT CONTENT

#### 2.1 Version

The version number for this release is 3.47.2.2966.

#### 2.2 Changes

##### Spirometry

- Updated the criteria for a positive bronchodilator test to align with the 2022 ERS/ATS European-American guidelines:
  - New definition for positive BD test under the setting "ERS/ATS 2022 + GOLD 2023."
  - Age criteria in GOLD+GINA for children younger than 12 years.
  - Addition of FVC data in the table displaying changes from pre- to post-bronchodilator spirometry.
  - Updated the colour of parameters marked in blue.
- Revised spirometry curve colours in the "Show eight curves" setting to red and blue shades for clearer distinction between pre- and post-tests.

##### ECG

- N/A

##### ABPM

- N/A

## Various

- Removed manual registration menu for spirometry applicable to older spirometers lacking system integration.
- Added text labels beneath toolbar buttons for enhanced clarity of functionality.
- Enlarged patient name text in the patient journal to improve visibility and reduce testing errors.
- Introduced a new label for filtering tests in the patient journal.
- Implemented a warning system to flag mismatches in customer numbers at startup, ensuring the number in the license file matches the database registration.
- Redesigned the user interface for creating new Spirare users from EPJ to prevent entry errors.
- Updated the user guide and help functionality to incorporate the latest IFU in PDF format.

## Web

- Disabled the automatic sending of PDF reports generated by the Spirare PC Client to the Spirare web to save time and reduce database load. An Advanced Configuration setting now defaults to 'off'. This can be enabled as needed to send PDF files.

## 2.3 Bug fixes

### Spirometry

- Added a missing field for post-bronchodilation medication on printouts.
- Resolved visibility issues of curves when printing on black and white printers.
- Included timestamps and test types in Langhammer reports.

### ECG

- Fixed the non-functional Emergency ECG menu.

### ABPM

- Corrected errors in ABPM summary calculations when sending tests to Pridok EPJ.

### Various

- Enabled proper reading of Norwegian and Swedish special characters in UTF8 format from EPJ.
- Addressed compatibility issues with SPS310 sensors; they are now correctly removed from the registered devices list.
- Fixed a baseline setting issue in SpNetShell affecting remote environments like Citrix or Terminal servers. This change is implemented in SpNetShell version 23.

- Resolved SQL database issues preventing device registration.
- Adjusted the handling of rapid Escape key presses to prevent crash scenarios; the Escape key now only closes windows other than the main form.
- Corrected an error message that was inaccurately displayed to users when sending a PDF result file to Webmed. The previous message falsely reported that the system could not send the report, although the process took longer than expected.

## **Web**

- Corrected timezone discrepancies in exported FHIR data.
- Resolved issues with sending user-defined percentages instead of ratios.

## **2.4 Known issues**

- N/A

## **2.5 Release date**

Release date for this version is 16-12-2024.