

Release notes Finapres® NOVA software V1.18

General release notes

Affected Versions

- NOVAscope software version 1.18 is **intended for use** on **Windows 10** systems.
- NOVAscope software version 1.18 is **not compatible** with **Windows 7** systems.
- This update applies to NOVA systems running NOVAscope software version 1.15D or earlier. Installation of this update upgrades the system to NOVAscope version 1.18 and includes the Windows updates required to support the implemented cybersecurity measures.

New Features:

- Updated authentication (previously login): On first startup after installation, authorized personnel will be prompted to configure a password. The password must contain at least 15 characters. This change supports the implemented cybersecurity measures and the intended Security Level Capability (SL-C 1).
NOTE: This feature is enabled by default for cybersecurity reasons.
- Cybersecurity improvements supporting the intended Security Level Capability (SL-C 1).
- Capability to perform Windows updates provided by Finapres to support system security.

Important:

This update requires installation of Windows updates in addition to the NOVAscope software update. **Installation of the Windows updates takes approximately 1.5 hours.** During the update process, the system will display several update screens and may restart multiple times as part of the installation sequence. Installation of Windows updates is a one-time action.

Verification of successful installation

Successful installation can be verified by confirming that:

- NOVAscope starts normally after the update.
- The system prompts for password configuration upon first startup after installation.
- NOVAscope version 1.18 is displayed in the software version information.

Risks when not updating

This update is required to maintain the intended Security Level Capability (SL-C 1) of the NOVA device and NOVAscope software. Not applying this update will result in:

- The device no longer maintaining the intended Security Level Capability (SL-C 1).
- Reduced effectiveness of implemented security controls.
- Increased risk of unauthorized access to patient or system data, potentially affecting confidentiality, integrity and/or availability.

Conditions for continued safe use without updating

If the update is not applied, the device may be used in a secure manner under the following conditions:

- The device is not connected to external or medical IT networks.
- Access to the device is restricted to authorized users.
- Additional organizational or technical countermeasures are applied, where available, to restrict physical and logical access to the device.

Visiting address

Institutenweg 21, 7521 PN Enschede
The Netherlands

www.finapres.com

Post address

Institutenweg 25, 7521 PH Enschede
The Netherlands

Instructions for NOVA 1.18 Software update installation:

1. Download the software file from the website.
2. **UNZIP** the downloaded folder. It shall contain two files:
 - a. NovaScope_20260708.V1.18.R4776
 - b. WindowsUpdates-1.1.1+22
3. Copy **BOTH** files onto a USB drive:
 - a. NovaScope_20260708.V1.18.R4776
 - b. WindowsUpdates-1.1.1+22
4. Connect the USB drive to the NOVA.
5. On the NOVA go to:
 - a. Main Menu > System Settings > Software > Current Version
 - b. Select the file "NovaScope_20260708.V1.18.R4776" from the drop-down list
6. Click on install.
7. Once the file has been copied, the NOVA shall turn off by itself.
8. When the front panel turns orange, press the button to restart the NOVA (light turns green). The Software installation shall now start automatically.



9. The NOVA shall start unpacking the Windows update files (no further action required).



NOTE: If the Startup progress bar does not overtake 5%, the file “*WindowsUpdates-1.1.1+22*” is not present in the USB drive. If this is the case, shut down the NOVA, put the correct files in the USB drive, reconnect the USB drive to the NOVA and restart. The Software update shall restart.

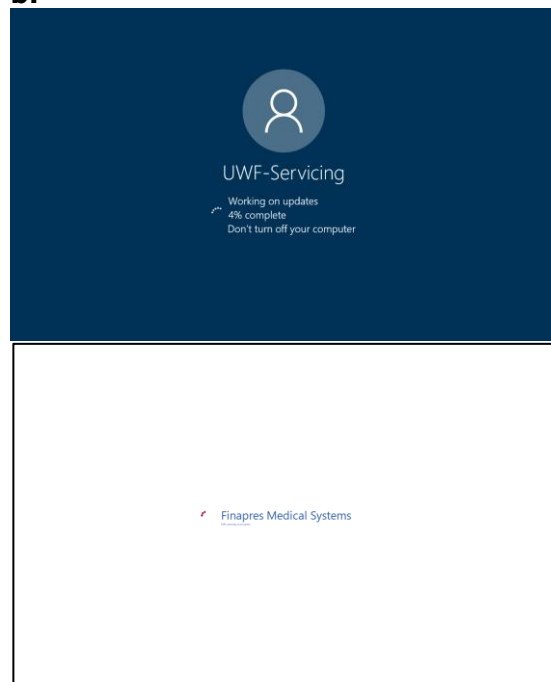
10. The Software installation proceeds automatically. See screenshots below:

- a. A Windows user page will appear. No external input required.
- b. The NOVA may seem to be frozen on a specific screen. The Software update requires approximately 1.5 hours. Do not restart the NOVA unless specified by this instruction and/or by Finapres support team.

a.



b.



11. Once the Software update is complete and the NOVA is started, the user needs to setup the authentication. After that the USB drive can be removed, and the NOVA is ready for use.

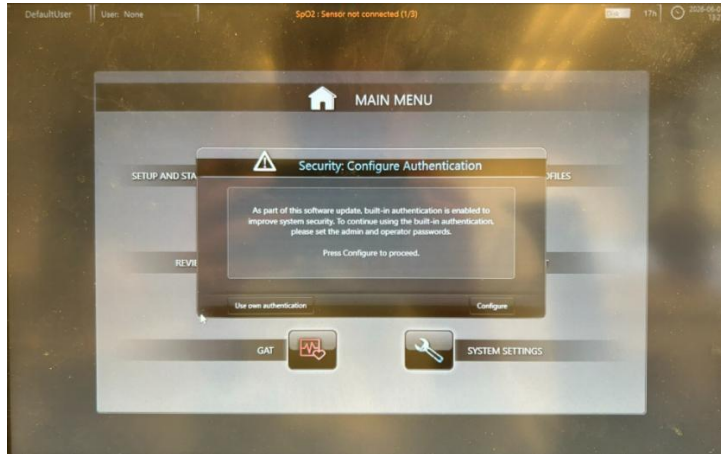
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Instructions for installing NOVAScope PC application:

1. Uninstall the previous NOVA PC Application.
2. Install the latest NOVA PC application.

NOTE:

Measurements recorded with NOVA software version 1.18 can be opened and reviewed in older NOVAScope PC applications. However, due to changes in the encryption process, patient information stored in measurements recorded with NOVA software version 1.18 cannot be displayed by NOVAScope PC version 1.15 or earlier. In these versions, patient information will be shown as "Encrypted" or as placeholder values.

Measurement Data	
Identifier:	2026-08-07_08.29.26_Test
Date:	2026-08-07
Start time:	10:30
Length:	00:00:59
Patient:	Encrypted
Physician:	Encrypted
Procedure:	Encrypted
Gender:	Unknown
Age:	0 years
Weight:	0 kg
Height:	0 cm
Reference:	Encrypted
Comments:	Encrypted
Flow calibration factor:	100 %

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