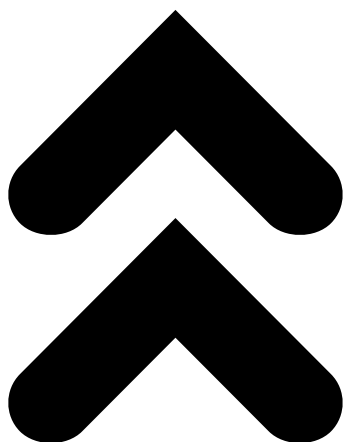# Upgrade from VE10 to VF11

Key benefits

Upgrade the system software from **VE10 to VF11** for Luminos Agile Max, Luminos dRF Max, and Uroskop Omnia Max and future-proof your system with value-adding functionalities:

- Latest **VF11** software
- **Advanced cybersecurity package**[4]
- Upgrade to **Windows 10 Enterprise LTSB 64Bit**
- **Virtual workstation**[4] provides a virtualized environment that allows to install third-party
- **SmartStepOn**[1,4]
- **SMART Display**[2,4]
- **Enhanced CARE Package**[3,4]

Description

SmartStepOn is a wireless footswitch for two disciplines – radiography and fluoroscopy. Gain more freedom for system operation and void unnecessary radiation dose with a wireless footswitch concept

SMART Display allows greater flexibility and better ergonomics by freely positioning your ceiling-suspended monitors anywhere you need them. Also, safe and comfortable DCS positioning as there is no cable.

Enhanced CARE Package lets you focus on the patients by ensuring a seamless workflow that allows you to avoid additional radiation dose.

General requirements

Systems
Luminos Agile Max, Luminos dRF Max, Uroskop Omnia Max

Software version
VE10

Clinical field:
Fluoroscopy, Radiology, Urology

---

1 Only available for Luminos Agile Max| **2** Only available for Luminos Agile Max and Luminos dRF Max | **3** Only available for Luminos Agile Max and Uroskop Omnia Max | **4** Option | **Please note:** Important information Exchange of syngo FLC hardware required for Luminos dRF Max: S/N < 5363 and systems with HD VideoManager, Luminos Agile Max: S/N <61240, Uroskop Omnia Max: S/N <4322

Enhanced Care package

Enhanced CARE Package

Key benefits

Enhanced CARE Package is based on the ALARA principle and ensures that the lowest possible dose is applied, whoever the patient and whatever the examination.

This package consists of a total of four functions for low-dose examination results.

Order VBLO: 14467828

Description

Snapshot mode enables immediate single image documentation during fluoroscopy procedures with a lower dose than for DFR/DR images, and a higher image quality than with fluoroscopy images

Proactive Fluoro Loop automatically stores all fluoroscopy images instead of recording DFR/DR images/sequences, in order to avoid superfluous doses

Histogram-based dose regulation for fast, easy and less error-prone positioning of the patient in relation to the detector and control of X-ray voltage (kV) and current which is less susceptible to artifacts

Digital zoom enables live image zoom without increasing the dose but with the same resolution

General requirements

Systems

LUMINOS Lotus Max, Luminos Agile Max, LUMINOS Impulse, Uroskop Omnia Max

Software version

VF11

Clinical field:
Fluoroscopy, Urology

Please note: Important information: All four software options are also available as single software options. Snapshot mode requires detector Pixium 4343F-4. Proactive Fluoro Loop requires Fluoroloop-C option.

Basic CARE Package

Key benefits

The Basic CARE Package enables to eliminate unnecessary dose and allows for precise dose documentation.

The following functionalities for low dose results are included in this package:

- CAREPROFILE
- CAREPOSITION

Description

CAREPROFILE
Reduces dose for patients and staff by radiation free collimation. The collimator blades are placed using the last-image-hold for orientation.

CAREPOSITION
Reduces dose for patients and staff by radiation-free object positioning. The region of interest is placed using the last-image-hold and displaying the X-ray center beam as well as the image edges graphically.

General requirements

Systems
Luminos Agile Max, Luminos dRF Max, LUMINOS Impulse[1], Uroskop Omnia Max

Software version
VE10 and higher

Clinical field:
Fluoroscopy, Radiology, Urology

---

1 Only single options available for this system | **Please note:** Important information: Both CARE functionalities in this package are also available as single options. For single-option upgrades please note that CAREPOSITION requires CAREPROFILE.