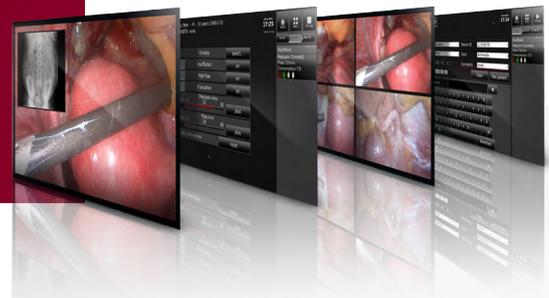


# core nova

## up-to-date & easy documentation in the OR!



### Complete recording at your fingertips.

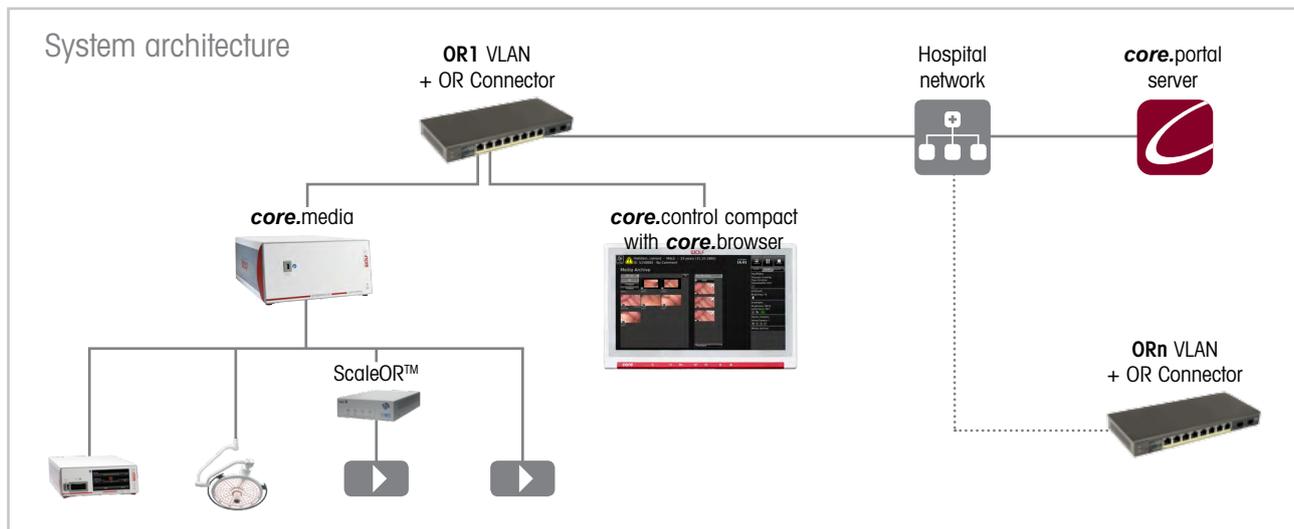
The parallel documentation of several video sources does not have to be expensive and complicated. With its media management system, **core nova** features **core.media**, a convenient option to record the endoscopic camera image and input from other integrated devices:

- Simultaneous connection of up to **4 video sources**
- **Integration** of OR lighting, camera, Ultrasound, C-Arm and other devices possible
- **Documentation** of all shown video sources
- **Recording function** of any video source is included, with an optional further recording channel available
- Storage on the hospital network via **DICOM interface**
- **Easy operation** with touchscreen PC
- **Automatic assignment** of data to the patients from the worklist
- Possibility to **edit the generated image data** (key words, cutting etc.)

For further information on **core nova**: [www.core-nova.com](http://www.core-nova.com)



## Documentation with **core** nova



### **core.control compact with core.browser**

The control unit of the system consists of a 21,5" touch-screen PC for operation and the software. Patient data are administrated and media management is executed with **core.media** in the control unit.

### **core.media**

The central video distribution unit allows the broadcasting of HD signals between the image sources and the data sinks. Optionally videostreaming is possible within the hospital network.

- Digital video inputs: 3x 3G-SDI, 1x HD-SDI
- Digital video outputs: 2x 3G-SDI, 2x HD-SDI
- Streaming functionality available
- Simultaneous recording of 2 video inputs up to 1080p (2nd channel optional)
- Image storage of all input signals in their native resolution
- Simultaneous preview of all input signals
- Picture-in-picture and quadsplit display

### **ScaleOR™**

Each of the 4 different models converts a different input signal (SDI, VGA, DVI, S-Video). **core.media** can integrate the video signals of a variety of external devices.

### **core.portal**

The server-based central unit is the link between the intra-operative networks and the hospital's IT systems.

- Installation on a virtual server
- Receiving and forwarding of patient lists using DICOM WORKLIST
- Receiving and forwarding of images and videos using DICOM
- Intraoperative administration of recorded images and videos using **core.media**

### **OR Connector**

This module links a specific operation room with the server **core.portal** and is required for each operating room.