

# DistriVIEW

*Optimal surgical solutions for smart operating rooms*

## SDI / HDMI 2.0 / IP



# AVD

AUDIO - VIDEO - DICOM

# Modular interface

## Main functions

The diagram illustrates the modular interface of SurgiMedia. On the left, a vertical blue bar contains icons for various functions: PATIENT, DICOM, RECORD, VIDEO, VISIOCONF, and INFORMATION. Lines connect these icons to a central monitor displaying a surgical video. The monitor shows a hand interacting with the video, with the 'SurgiMedia' logo overlaid. Below the monitor is an 'On-demand tool-bar' with various control icons. Labels for the functions are: PATIENT IDENTIFICATION, DICOM VIEWER, RECORDING, SOURCES DISTRIBUTION, VIDEOCONFERENCE\*, and PATIENT INFORMATIONS.

\* Video-conference modules, voice control, operating-field lights control and field and PTZ cameras controls are options

SurgiMedia DistriVIEW is a state of the art modular multimedia platform developed in partnership with surgeons and O.R staffs to answer present needs in term of multiple sources handling such as displaying, transmitting and recording of patient surgical videos and data.

With its different optional modules, SurgiMedia DistriVIEW allows flexible evolutionary configurations adaptable to each O.R. and specialty specific needs.

This **intuitive control unit** will allow you to:

- **Import** data from PACS or any HL7 server through the network
- **Visualize and use** patients studies thanks to the integrated **DICOM viewer**
- **Acquire and control** your video sources and distribute them on several monitors
- **Record** your surgical procedures in a sequence-format easy to interpret and edit
- **Capture and transmit** your **audio sources**, music and voice, locally or remotely
- **Share** data with remote surgeons and medical staff through the network
- **Archive** recordings in DICOM format on the PACS



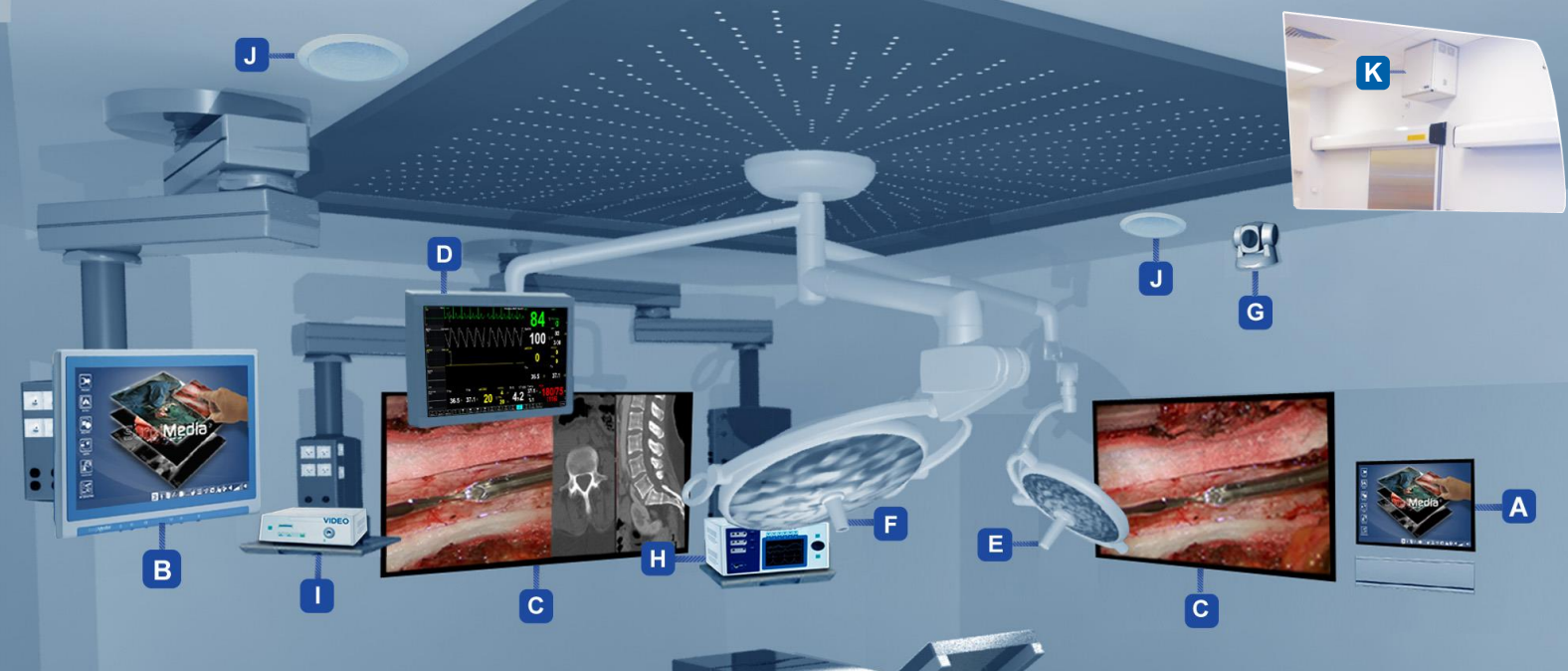
Audio control with Audio Manager

## A versatile system

Thanks to number of medical grade optional peripherals, all SurgiMedia DistriVIEW models are versatile and evolutionary. They can acquire all audio-video or computer sources present in the operating-rooms, transmit via HD streaming and video-conferencing modules and display these sources on one or more wall-mounted or surgical monitors.



SurgiMedia HD with SmartConference



## “Integrated OR” Configuration

- A. TOUCH-CONTROL STATION (WALL-MOUNTED)
- B. TOUCH-CONTROL STATION (ON SPRING-ARM)
- C. INTEGRATED WALL MONITOR
- D. MONITEUR ON SPRING-ARM (PIP/PAP DISPLAY)
- E. SURGICAL LIGHTS CONTROL

- F. OPERATING FIELD CAMERA CONTROL
- G. AMBIENCE PTZ CAMERA CONTROL
- H. COMPUTER SOURCES CONNECTION
- I. VIDEO SOURCES CONNECTION
- J. AUDIO CONTROL WITH CEILING LOUD-SPEAKERS
- K. REMOTE COMPACT RACK (CORRIDOR/TECHNICAL ROOM)



**HD**  
1080p

**4K**

**3D**

# Features and benefits

DistriVIEW

	SDI	HDMI 2.0	IP
• "Matrix type" video management with native signal transfer with proprietary cabling	●	●	—
• "VoIP type" video management with signal encoding and transfer in proprietary IP network	—	—	●
• Cabling with coaxial links	●	—	—
• Cabling with hybrid Fibre Optic / Copper	—	●	—
• Cabling with hybrid Fibre Optic	—	—	●
• Control tactile monitor 21.5" IP65 front panel	○	○	○
• Control 46" tactile monitor	○	○	○
• Control 48" or 55" 4K non-tactile monitor	—	○	—
• Encoded <b>SmartConverters</b> *(CV/Y-C, VGA, SDI, DVI) with source recognition	—	○	—
• Ability to "mutualize" a rack for several operating rooms*	○	—	○
• Remotely controlled video distribution rack (outside the O.R.)		●	
• <b>SmartControl 12.5"</b> remote controller in the OR		○	
• Compatible with <b>3D</b> sources*		○	
• Compatible with <b>4K</b> sources*		○	
• Storage of images and videos on an intelligent <b>SmartServer</b> NAS		○	
• Remote patch panels for different signals connection		○	
• QUAD PIP/PAP display of four combined video sources		○	
• Audio/video recordings SD 480p / HD 720p / HD 1080p		●	
• Recordings on USB media / NAS through LAN / on CD		●/○/○	
• Recorded video files compatible with MAC & PC (audio AAC /video AVI-H264)		●	
• Software video-conference HD / Hardware video-conference HD 1080p		○/○	
• Video Streaming Mpeg4 SD480p HD720p HD1080p / bidirectional Audio		●/○	
• Patient file identification with DICOM Worklist access		●	
• Compatibility with Hospital Information Systems (HIS) with HL7 protocol		○	
• DICOM viewer with patients studies/images handling functions		●	
• DICOM DICOMization software for recorded images and videos, transfer to the PACS/MACS		○	
• Video editing software (SD and HD)		●	
• Audio Kits with sources distribution software / Loud-speakers		○	
• Mi HF headsets Microphones, field and ceiling mounted microphones		○	
• Read / Write CD/DVD		○	
• Graphic superimposition with drawing features (Telestration)		●	
• Operating field camera remote control (upon model*)		○	
• Operating field lights remote control (upon model*)		○	
• Photo/video recording from a wired remote control*		○	
• Voice Control*		○	
• Integrated protection device (viruses and wrong use)		●	
• Keyboard-Touchpad, mouse and support		○	
• Video scalers* (CV, Y/C, SOG, VGA, YPbPr, RGB, SDI, DVI)		○	
• Video scalers* <b>4K</b> and <b>3D</b>		○	
• Two years warranty / Warranty extension*		●/○	
• Conformity EN 60601-1, EN 60601-2, CEI/EN62304, CEI/EN62366		●	

\* For additional information, please contact ISIS or representative

standard ● option ○ not available —



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