



Sony's High Definition
Healthcare Workflow

SONY

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Individual quality, collective brilliance

Now more than ever, medical professionals depend on visual images to improve the quality and cost efficiency of patient care. Added to which, the application of High Definition technology to the medical environment is delivering strikingly better image quality.

Providing 4 x the resolution of Standard Definition, HD images offer surgeons a dramatic increase in clarity and sharpness, supporting improved diagnostic and surgical precision.

The subsequent digital storage and distribution of HD images are opening up new possibilities to diagnose and treat patients more effectively, while also driving down operational costs.

What's more, hospitals are embracing the power of networks to store, share and distribute this explosion of visual information. Successfully uniting this data with other hospital information and patient record systems requires a partner who understands not only the technology, but the realities of today's hospital workflows.

At Sony we've got more than twenty five years experience in helping organisations unlock the power of images, video and sound.

Drawing on our unmatched skills in HD networked video and media management, we have developed Sony's High Definition Healthcare Workflow. With a range of HD medical equipment that offers individual quality and collective brilliance, we're focused on improving both hospital workflows and the quality of patients' lives.

Welcome to the future of healthcare.

Capture > Display > Record > Edit > Print > Distribute > Archive



HD Imaging Sensor

DXC-C33 Camera



LMD-2450MD Monitor



BZMD-1 DICOM Capture Station



PDW-75MD XDCAM Recorder



Vegas Pro 8 Editing Software



UP-D55 A5 Digital Colour Printer



PCS-HG90 Visual Communication System



PetaServe Hierarchical Storage Management

Professionals can rely on the leader in medical video imaging technology for ultra-compact cameras that capture the most intricate detail with advanced HD clarity.

HD Imaging Sensor

The highly sophisticated, modular technology that begins the High Definition workflow journey, defining the captured image with pinpoint precision and stunning clarity.

DXC-C33P Camera

Ideal for Surgical Microscopy and Endoscopy, delivering horizontal resolution of 800 TV lines and incorporating a DV output terminal.

Now professionals and students can all benefit from a clearer picture of surgical procedures with displays that show the different colours of blood and distinguish between different types of tissue.

LMD-2450MD Monitor

The leading Sony High Definition monitor with Advanced Image Processing Technology and superb-quality 1920 x 1200 WUXGA panel.

Compact, versatile recording solutions incorporating patient data while delivering long-lasting picture quality, random access capability and enhanced security.

BZMD-1 DICOM Capture Station

State-of-the-art solution for still/video acquisition and DICOM file creation with full High Definition compatibility – delivering seamless connections between surgery and DICOM networks.

PDW-75MD XDCAM HD Recorder

Records High Definition digital images in 1080 x 1440 HD resolution to deliver extremely clear, detailed still and moving pictures, with built-in workflow compatibility.

As the unrivalled experts in networked video and media management, Sony delivers complete control of all digital data for more tailored teaching and colleague collaboration.

Vegas Pro 8 Editing Software

Exceptionally simple-to-use editing solution, with easy drag-and-drop functionality.

Purpose-built, reliable technology with superb colour reproduction and exceptional durability to assist accurate and consistent diagnosis.

UP-D55 A5 Digital Colour Printer

High quality, ultra-compact, fast, reliable and versatile – ideal for Endoscopy, Microsurgery, Microscopy, Pathology, Ophthalmology and Ultrasound.

High Definition live video and stereo audio for surgeons to view operating room procedures, consult with colleagues or conduct lectures and seminars.

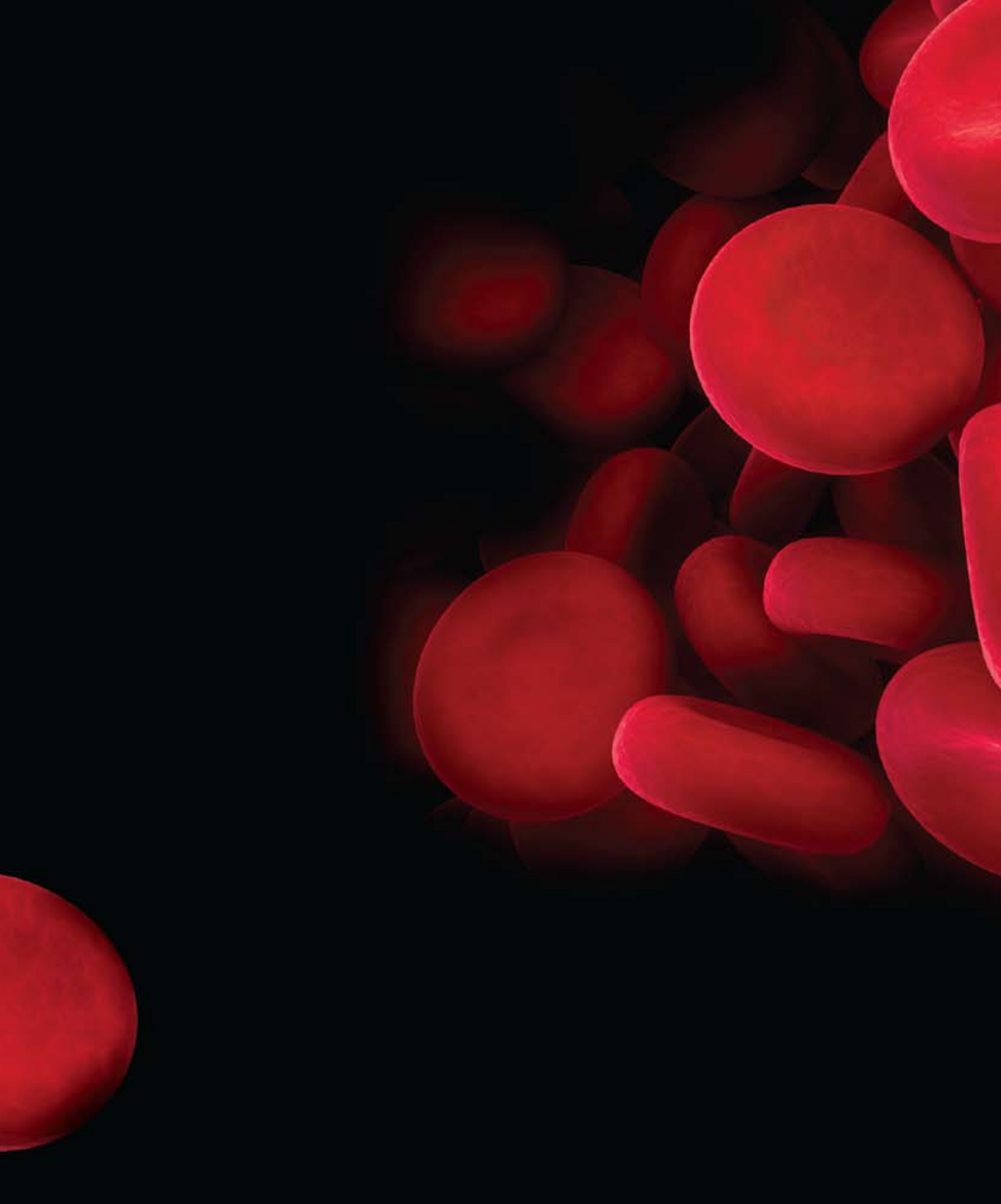
PCS-HG90 Visual Communication System

Delivering High Definition visual communications over an IP network in real time with true colour reproduction and razor-sharp detail.

Workflow-friendly, cost-efficient, dependable and secure solutions with the capacity to store and share the massive and continually increasing volume of digital medical data.

PetaServe Hierarchical Storage Management

Scalable, open and resilient high-performance, high-capacity archival and retrieval solution – fully PACS and DICOM compatible.



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