

COLLABORATIVE operating rooms



The Collaborative Operating Room Environment

In the modern Operating Room, critical information about every procedure comes from all around the room. Patient data is provided by numerous devices, and direct visual feedback is available to surgeons and medical staff who can see the patient. What if all critical information and visual images could be combined in one place, where every person in the room could see it?

York Telecom is the premier provider of a groundbreaking new system called the “Collaborative Operating Room Environment”, or CORE. This futuristic Operating Room concept can streamline your workflow, as well as deliver critical information to everyone involved in the procedure, whether or not they are in the OR.

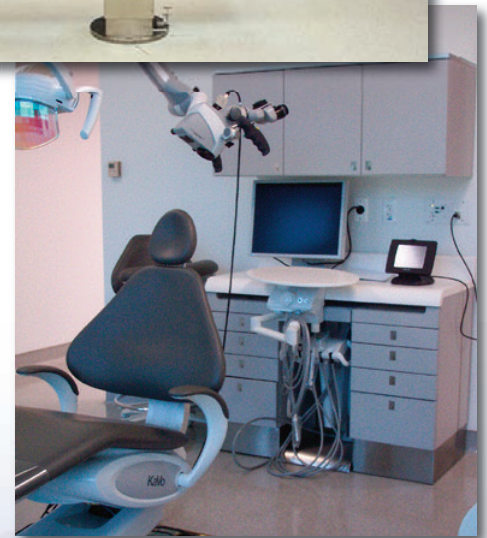
The CORE system combines all procedural data and images for display in the operating room, and these images can be streamed to secure remote locations and stored for later use. This gives surgeons and medical staff the ability to see patient data trends and get immediate visual feedback during the operation, and it allows the hospital to use recorded procedures for training.

The CORE consists of the following high-technology systems:

- High-definition video displays on the OR wall and overhead
- High-definition cameras to capture video
- Video and data storage and playback equipment
- Control system hardware and software
- Specialized software to display all critical patient information

Let our Knowledge and Know How help you today.

York Telecom is a Collaborative Operating Room Environment pioneer, through our leadership in technology, innovation and strategic partnerships. For more information, visit us on the web at www.yorktel.com, email us at info@yorktel.com or call us at **1.866.836.8463**.



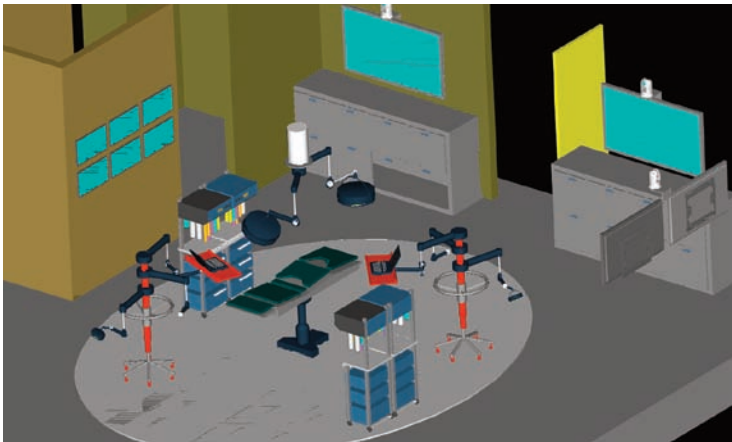
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How the CORE Works

York Telecom will design and install a system with two high-definition flat-panel displays, smaller LCD displays, cameras, network devices, and infrastructure. The cameras capture video during the procedure, and display it on selected displays, which are located in a convenient location for the room, so that medical staff can see exactly what is happening and respond immediately.



The CORE design is different for every application, and depends on typical workflow and the input of the most important users - the Surgical Staff.

Specialized data integration software combines data such as heart rate, pressure, blood loss, oxygenation, allergies, and other data, and sends it to the other large flat-panel display, and other selected panels. All video and data can be archived for medical records, training, and streamed to the Internet for telemedicine applications. The control system allows staff to display the images they want to see, at the touch of a button.

We work with architects, contractors, hospital staff, audiovisual equipment manufacturers and our partners to efficiently plan, design, and build the CORE using the latest and best technologies. Our experience ensures that the CORE will enhance surgical procedures for hospitals and medical centers all around the country.

Knowing. Being. Doing.

We follow three strategies: Know our stuff; Be a great partner, and Do the work. In addition to the Collaborative Operating Room Environment, we also offer the following systems for medical facilities:

- Telemedicine & Videoconferencing Systems
- DICOM Imaging Systems
- Simulation & Training Labs
- Presentation Theaters
- Digital Signage & Graphic Display Systems
- Visual Networks & Streaming Systems

We pride ourselves on our ability to match your system to your needs. We provide the following services for all types of visual communications systems:

- System Vision & Planning
- Design Engineering
- Drawing Development
- Integration & Implementation
- Multimedia Content Services
- Project Management & Logistics
- Training & Consulting Services
- Managed Conferencing Services
- 24x7 Help Desk Support

Our Values, Your Benefit

You demand visual communication system technologies that are scalable, adaptable, and provide the best value.

That's why we provide:

- Advanced presentation & collaboration systems.
- Planning services that are adaptable and scalable.
- High quality system design, integration, & support.
- Media Services for production and streaming.
- Service & support packages & managed services.

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