

**BLACK BOX®**

# Healthcare

Delivering quality healthcare to patients is the number one challenge healthcare providers face. Your patients depend on you for the best in care.

Black Box's modern healthcare solutions use emerging technologies and leading IT solutions that enhance patient outcomes in clinics, hospital rooms, operating rooms, and everywhere in between.

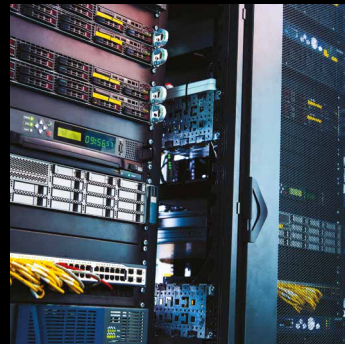
## Solutions



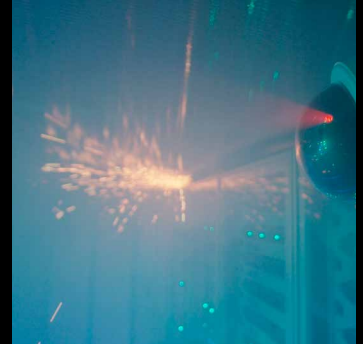
Signal Switching  
and Extension



Visual Communications  
and Wayfinding



Infrastructure and  
Connectivity



Environmental  
Monitoring (IoT)

## Case Study: High-Tech Improvements in the OR

Today's operating rooms (ORs) contain modern equipment, such as robotic arms with installed cameras. A digital OR customer wanted to connect a camera over a distance to the medical visualization system, which must provide optimum video quality and be 100% accurate and transparent to the system. They also needed to replace outdated analog modular extenders.

Black Box recommended compact DisplayPort Active Optical Cables (AOCs) to the OR customer. All-in-one AOC cables manufactured exactly to the OR's configuration guarantee clear, crisp video displays on the visualization system so doctors can see even the most intricate details.

The new AOC solution eliminated signal delays and even the slightest change or color reduction while transporting video signals in real-time. The all-in-one cable solution also reduced clutter in the OR and at the user station. The medical staff now enjoys a secure, optimized working environment with neater, more efficient processes and improved workflows. The customer is very satisfied with the Black Box solution.

## Featured Products



### MediaCentro IPX HDMI over IP

Create eye-catching, engaging displays with this video extender. It's scalable so you can add transmitters and receivers as you add sources and displays.



### iCompel® Digital Signage Player

Create, manage and update digital signage content easily with this digital signage system. Customize your in-store content by location. Ideal for use with edge-blending projectors.



### Emerald® KVM over IP

Serves as an infinitely scalable universal access system, giving users the flexibility to connect to physical and virtual machines, along with anywhere, anytime IP access using extremely low bandwidth. Full 4K/HD video interoperability, 1-touch control room setups and a high degree of automation through Emerald's APIs give users valuable flexibility and ease of use.



### USB 3.0/2.0 Extenders

USB 3.0/2.0 Extenders overcome the distance between medical imaging equipment in the imaging room and host computers in the technician room, without compromising image quality.



### Console Server

This fully redundant console server with dual power supplies and dual Gigabit Ethernet ports allow IT administrators 24/7 out-of-band control. The console server features a POTS modem and enterprise-grade security.



### AOC Displayport/HDMI

This high-quality and ultra-thin EMI/RFI-resistant fiber cable connects to cameras, robots, and screens in the OR.

