



Solution Story: SENTARA HEALTHCARE

Another quality solution by: Vcom, Virginia Integrated Communication



Highlights

- Polycom RMX2000, CMA5000 and VBP Infrastructure
- 34 HDX video conferencing endpoints
- Crestron RoomView management & control
- On-site installation and support by Vcom

HIGH DEFINITION ROOM TELEPRESENCE UPGRADES



POLYCOM HDX SERIES ENDPOINTS

In December 2010, Vcom began the project by redesigning and upgrading the audio visual system at Sentara's Corporate Headquarters. This upgrade included a new high-definition Sanyo projector and Da-Lite wide format recessed motorized screen. Vcom also provided a new Polycom HDX8000 with ceiling microphone arrays, adding Ethernet capability to the existing Crestron control system so that it can be integrated with Crestron RoomView and other enhancements to head end equipment to meet high-definition signal requirements.

The project continued with the upgrade of 33 additional locations throughout Hampton Roads, Northern Virginia and Northeast North Carolina. These sites were equipped with Polycom iPower and VSX series endpoints and were replaced by a combination of HDX7000 and HDX8000 series systems. The existing CRT monitors were also upgraded to LG brand 55" LCD displays. These upgrades provide users with a high quality, high-definition video conferencing experience and utilizing Polycom's high-profile technology, Sentara is able to reduce bandwidth usage on the network.

Also included in the system upgrades were Crestron QM-RMC room controllers. One controller was installed at each location and with the integration of Crestron RoomView it allows for Sentara's management team to schedule, control and troubleshoot the LCD's and other components remotely, as well as setup rooms for conferences in advance so the end users merely walk in, sit down and begin the meeting.

Vicom, and their partnership with Polycom, Crestron and other vendors has provided a quality solution for Sentara Healthcare which is continuing to improve the quality and productivity of meetings via video.

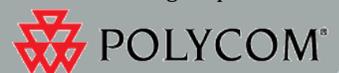
UC CORE INFRASTRUCTURE IMPROVEMENTS



POLYCOM RMX CONFERENCE BRIDGE & CMA5000 CONFERRING MANAGEMENT APPLICATION



Vicom also designed and implemented an infrastructure upgrade which included an RMX2000 conference bridge, CMA5000 management system and VBP5300e firewall traversal unit replacing the existing MGC100, Pathnavigator, and Global Management System. This upgrade allows for improved quality during conferences, along with enhanced management, scheduling and monitoring capabilities. These products, along with the implementation of Crestron RoomView, allow Sentara's data center monitoring staff to fully control and monitor the conference room audio visual systems from a remote location thus reducing technical issues generated from equipment problems or end user error as well as view usage reports and log files. The MGC100 and Pathnavigator continue to operate as a back-up bridge and gatekeeper to the new equipment allowing for redundancy in the architecture of the system.



CORPORATE BOARDROOM - Polycom HDX 8000, Crestron control system and Sanyo PLC-WM5500 HD Projector