



Tech Works TM

"Making Specialized Communication Easy"

News Release

Westlake Hospital Goes High Tech and Hands Free with Tech Works CI-BUSS

Austin, TX.... Westlake Medical Center is one of a new generation of health care facilities. A diverse professional complex that is home to a wide range of specialists and treatment options, Westlake is small enough to provide an intimate level of personal care, but modern enough to offer state-of-the-art hospital and research facilities.

The hospital's catheterization lab recently upgraded its communication technology, implementing an innovative new system called CI-BUSS from Yorba Linda, CA-based Tech Works. As Greg Obrzut of Beckwith Electronic Systems explains, the system empowers doctors with a new level of communication within the clean room environment.



"The Tech Works system we installed in the Cath Lab gave us two important solutions in a single system," says Obrzut. "The procedure room is equipped with the Tech Works System 21 speaker and a Pro-42 high-intelligibility microphone, which gives them crisp, clear audio into and out of the room. The operator's console in the control room also exceeded our expectations, both for performance and ease of use."

But the CI-BUSS system solved an even trickier problem, Obrzut explains. "We were able to integrate three wireless headsets using the CI-BUSS network. Each headset can monitor the physician's communication and provide rapid responses. Even when the physician is elsewhere in the facility, they can communicate directly with the team in the procedure room. For a busy medical team, this type of accessibility is invaluable — now they can carry out other duties and see patients, without having to run to another room to answer procedural questions."

Indeed, communication is a critical component in today's fast moving health care environment. As Obrzut observes, Tech Works offers the only communications systems dedicated to, and designed specifically for the health care professional. "the Tech Works system is nothing short of the best audio communications network for this type of application I have used in my 30 years in the business."

About Tech Works

Tech Works is a US-based manufacturer of high-quality, highly specialized communications systems for the healthcare, security, corrections, and education industries. Based in Yorba Linda, California, Tech Works was founded in 1984 with the goal of creating powerful communications solutions for the most demanding environments. Our products are designed to meet the unique challenges of our customers, in applications where clear communication can be critical.



Tech Works™

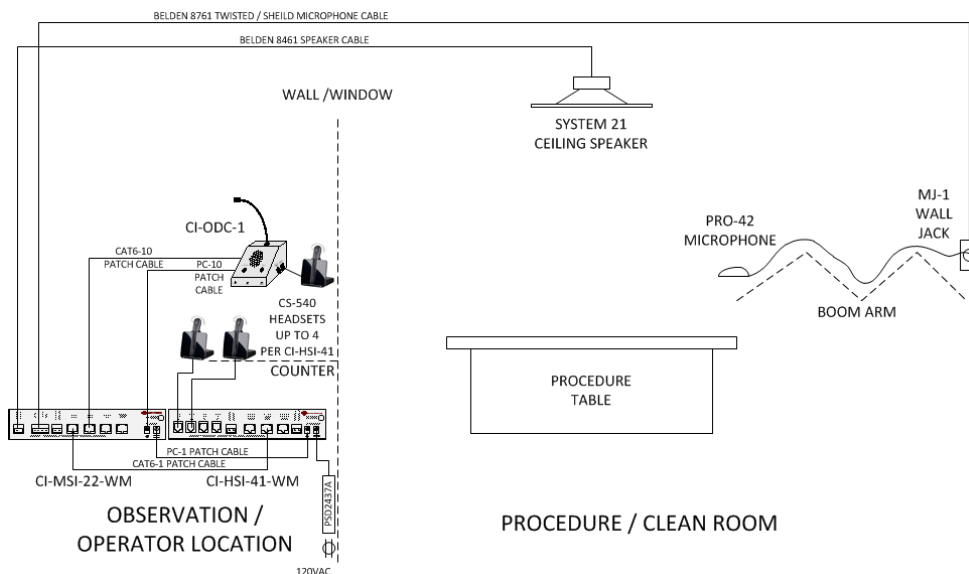
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Application – Westlake Hospital Procedure Room Intercom

A Microphone is located in front of the attending Physician and an overhead speaker for listening without a headset. An Operator Desk Console (ODC) with built in microphone, speaker, headset interface, and complete amplifier and control circuitry, is provided for the Lab or Observing personnel. The ODC is provided with integral switches to allow a "Listen" only (Lab Mic Muted with Lab speaker on) or "Talk" and Listen (both on) or "Off".

Wireless Headsets allow privacy with better acoustic coupling, while allowing full mobility for the staff. When the ODC headset is activated by pressing the button on the side of the headset, it automatically mutes the ODC Speaker and Microphone and Activates the Intercom. This allows the Operator full system control by simply pressing the button on the headset so they can keep working while responding to a call.

The Headset Interface (HSI) allows groups of 4 headsets to be added to the conversation as required. Each HSI includes the interface for four headsets plus a selectable "Call" switch and optional "Talk" switch to allow one headset to take priority control of the system. Multiple HSIs can be connected for additional groups of four headsets as required.



Components

<u>Part #</u>	<u>Qty.</u>	<u>Description</u>	<u>Purpose / Use</u>
CI-ODC-1	1	Operator Desk Console	Intercom Control and Amplification
CS-540	1	Wireless Headset	Operator/Lab Technician Mobility
CI-MSI-22	1	Microphone Speaker Interface	Procedure Room Audio Processor
PRO-42	1	Boundary Microphone	Procedure Room Talk Pickup
SYSTEM 21	1	Hard Ceiling Speaker System	Procedure Room Speaker
CI-HSI-41-WM	1	Headset Interface	Headset Audio Processor
CS-540	2	Wireless Headsets	Staff Mobility
PSD-2437A	1	Power Supply	24 VDC 3.7 Amps
PC-1	1	Modular Power Cord	Power Connection
CAT6-1	1	Computer Patch Cord	Audio and Signal Connection