



FOR HEALTHCARE

BearCom has extensive experience serving the unique communication and security needs of hospitals and healthcare facilities.

EXAMPLES OF RECENT COMMUNICATIONS SOLUTIONS IN THE HEALTHCARE INDUSTRY INCLUDE:

ONE OF CHICAGO'S PREMIER TEACHING HOSPITALS has long counted on BearCom to help ensure operating efficiency and safety for its downtown campus. Today, over seven facilities are connected through a Motorola IP Site Connect system which supports more than 500 MOTOTRBO portable radios for multiple talk-groups, as well as a two-position Command & Control Center. Connectivity for this eight-block campus system is accomplished using rooftop wireless Point-To-Point (PTP) RF infrastructure along with a supportive Distributed Antenna System (DAS) for each individual hospital building. In addition, BearCom supports the hospital's Code Paging System and infrastructure that includes a VHF DAS for hard-to-reach coverage areas with over 400 pagers that keep nurses and doctors connected to their Code Red and Code Blue ERT Teams.

AT A LARGE HOSPITAL IN TEXAS, the Environmental Health & Safety group, as well as the security group, wanted to communicate from the main hospital to two satellite clinics around the city. With mobile personnel who travel between locations, they needed to ensure constant radio contact particularly during life safety events. BearCom implemented a Motorola IP Site Connect system, which links the wireless communication systems between the locations via the client's network. They can stay in constant contact between their various sites using MOTOTRBO SL7550e devices.

ONE OF THE LARGEST CHILDREN'S HOSPITALS in the country counts on BearCom for wireless communications integration. They needed complete and reliable radio and paging coverage at all the buildings at their new campus to coordinate activities between security, facilities, and medical personnel. BearCom implemented a scalable fiber Distributed Antenna System (DAS) that linked all three buildings using one head unit. They monitor the system 24/7 to receive immediate notification if any issues arise. This wireless communications system allows for future upgrades that will enable adding cellular and public safety coverage using the same head end unit.

A TOP-RANKED HOSPITAL SYSTEM SPECIALIZING IN CANCER TREATMENT AND RESEARCH uses more than 1,000 MOTOTRBO portable radios for various departments to communicate across campuses. They discovered during their rapid expansion program that the building and construction materials in the new, larger, energy-efficient facilities created challenges for radio and cellular communications. Administrators engaged BearCom to remedy these coverage problems. BearCom successfully designed and implemented multiple passive DAS solutions that solve signal strength issues in buildings ranging from 2 to 25 stories.

A PROMINENT DOWNTOWN CHILDREN'S HOSPITAL IN THE SOUTH has relied on BearCom for over seven years for their wireless two-way radio communications. The Motorola Solutions IP Site Connect system BearCom deployed and now maintains integrates four sites with three repeaters per site. The facility uses 175 subscriber units to serve six separate departments. Hospital administrators currently are exploring a significant MOTOTRBO system upgrade to include WiFi connectivity, All-Call programming, better integration with public safety, additional trunking capabilities, and other advanced digital features.

WE ARE THE WIRELESS COMMUNICATIONS & VIDEO SURVEILLANCE SPECIALISTS

We have the products, solutions, knowledge, and experience to improve safety and operational efficiency for your hospital facility in areas such as:

- Emergency Care and Patient Safety
- Executive Communication
- Security
- Management
- Risk Mitigation
- Operations



(See back for additional representative deployments covering video solutions and bi directional amplifiers.)

ALWAYS ON

QUICK FACT

BearCom is the largest two-way radio provider and integrator in the world for Motorola Solutions. From more than 50 locations across the country, our team serves over 20,000 customers in nearly every sector. Find out how we can help: 800.527.1670 or online at BearCom.com.



ANY DEVICE | ANY NETWORK | ANY APPLICATION  
**BETTER CONNECTIVITY SPEEDS UP RESPONSE IN AN EMERGENCY**

<sup>1</sup> Campus Safety Survey, 2015



**EXAMPLES OF RECENT SURVEILLANCE CAMERA SOLUTIONS IN THE HEALTHCARE INDUSTRY INCLUDE:**

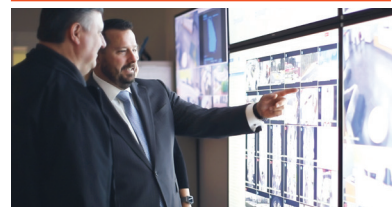
**A MASSIVE FEDERAL HOSPITAL IN SOUTHERN CALIFORNIA** entrusted the upgrade of their video security system to BearCom. Our team is replacing the existing analog system and we have started to install additional video equipment in a phased approach. When complete, the site-wide system will assist Security and Police with several hundred cameras running on a fiber optic and wireless broadband core which will feed a Central Control Room that integrates all monitoring equipment to dispatch.

**EXAMPLES OF RECENT IN-BUILDING DISTRIBUTED ANTENNA SYSTEM (DAS) AND BI-DIRECTIONAL AMPLIFIER (BDA) SOLUTIONS IN THE HEALTHCARE INDUSTRY INCLUDE:**

**ON THE CAMPUS OF ONE OF THE MOST RESPECTED CARE & RESEARCH FACILITIES** in the country, BearCom installed Bi-Directional Amplifiers (BDAs) in each of the seven buildings to boost radio signal strength. To enhance patient care and safety, a core goal of the project was to improve communications efficiency between the central dispatch center and facilities/maintenance staff. During design and deployment, BearCom successfully solved significant deployment challenges because many buildings had “clean areas” where installing cabling or equipment was not permitted.

**AT A NEW CHILDREN’S HOSPITAL**, BearCom added a BDA during construction to enhance the MOTOTRBO Linked Capacity Plus two-way radio system we deployed. The wireless network uses fiber optic cable to distribute signal between three LEED certified buildings. Our engineers commissioned iBwave software to develop the best possible design and the hospital has reported no signal issues since installation. Plans are underway to include public safety 900 MHz frequencies. This scalable system also supports additional wireless communications, including cellular.

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**DAS & BDA SOLUTIONS**

DAS and BDA signal boosters improve communications coverage for facility teams using two-way radios.

In addition, many localities require Emergency Responder Radio Coverage (ERRC) code compliance on public safety frequencies so first responders can communicate effectively during an emergency. To meet these codes, every year BearCom deploys hundreds of signal boosters in all types of environments.

For more information, please contact your BearCom representative or find your nearest Branch Office at: [www.BearCom.com/locations](http://www.BearCom.com/locations)

OR CALL US AT: SALES 800.527.1670 | RENTALS 800.541.9333 | SERVICE 800.449.5695

**ABOUT BEARCOM**

Founded in 1981, BearCom is North America’s largest solutions provider and system integrator of push-to-talk wireless communications equipment, serving customers from more than 50 locations throughout the U.S. and Canada. Whether you need an integrated video surveillance system to protect people and property, a multi-point wireless network to connect your work teams, a fully integrated two-way radio system to combine voice and data across your facility, a bi-directional amplifier to enable communications between first responders in an emergency, or any other wireless solution to improve staff collaboration, BearCom can help. BearCom, headquartered in the Dallas, TX area, employs more than 700 people.



MOTOROLA SOLUTIONS  
Platinum Channel Partner



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Service Elite Specialist

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