

Commtech Wireless Acute Care Solutions



Integrate. Automate. Communicate.



Real-Time Communications and Connectivity When Every Second Counts



- » Increase Patient Safety Levels via Automated Point-of-Care Alarm Integration
- » Enhance Patient and Staff Satisfaction Levels
- » Create More Efficient Clinical Workflow and Operational Mobility
- » Reduce Critical Alarm Response Times from Minutes to Seconds
- » Harmonize 3rd-Party Applications with Communication Systems and Devices



Commtech Solutions for Acute Care Hospitals

Commtech has provided mission-critical communication solutions for many acute care hospitals across the globe. Communication throughout hospitals consists of a variety of information flow. Staff-to-staff, patient-to-staff and various enterprise system communication requirements often create inefficient workflow patterns, requiring a streamlined approach to ensure patient safety, satisfaction indicators, and quality goals are met. Healthcare organizations are often challenged with a multitude of systems creating alarm conditions that are essentially “islands of information.” Lack of integrated and efficient communication typically results in major gaps in the flow of critical information. Commtech’s portfolio of solutions bridges disparate applications to provide seamless communication and event-driven connectivity, particularly at the point of care. Virtually any system can be enabled to intelligently deliver critical information to a mobile workforce to ensure a more informed, efficient, and safe environment.

Mission-Critical Communications

Effective communication is the building block of quality patient care. When split seconds can impact life threatening situations, there is no margin for error and every moment counts. Hospitals rely on their communication technologies and workflow processes to deliver critical information to nursing staff in order to react quickly and effectively to critical patient scenarios. There are frequently a myriad of communication systems that exist within a healthcare enterprise. Typical hospital communications infrastructure includes: PBX, wireless telephone system, on-site paging system, wide-area paging service, cellular service, and LED marquees. Commtech Wireless is uniquely positioned to harmonize existing communication systems to enhance the effectiveness of distributing real-time information, and can also offer a comprehensive solution in deploying private paging networks and pagers.

Systems Interoperability

Virtually all point-of-care and enterprise systems can be seamlessly integrated to deliver descriptive alarm conditions to nursing and staff recipients and groups. Message-read receipt and delivery acknowledgement as well as escalation paths can be configured to ensure critical situations are responded to quickly and effectively. Nurse call integration to wireless telephony, often the cornerstone of point-of-care system integration to wireless device communication in a hospital, is enabled with all commercially available nurse call systems. Connectivity is also available with other point-of-care systems such as patient monitoring, pulse oximeters, infusion pumps, and ventilators. Additionally, other enterprise and clinical systems such as PC attendant consoles, bed management, critical lab results, medication administration, and electronic health records can be seamlessly integrated. Whether integrating a single application or the entire enterprise, Commtech enables a modular and scalable architecture that delivers a compelling total cost of ownership while reducing the complexity in deploying real-time communications and connectivity solutions.

To learn more about Commtech Wireless products and solutions, visit www.amcomsoftware.com or call 800.852.8935 to speak to our experts about an acute care communications solution for your facility.

