

# 4G LTE M2M Solutions for Healthcare

## CHALLENGE: SECURE, FLEXIBLE CONNECTIVITY FOR THE INTERNET OF HEALTHCARE THINGS

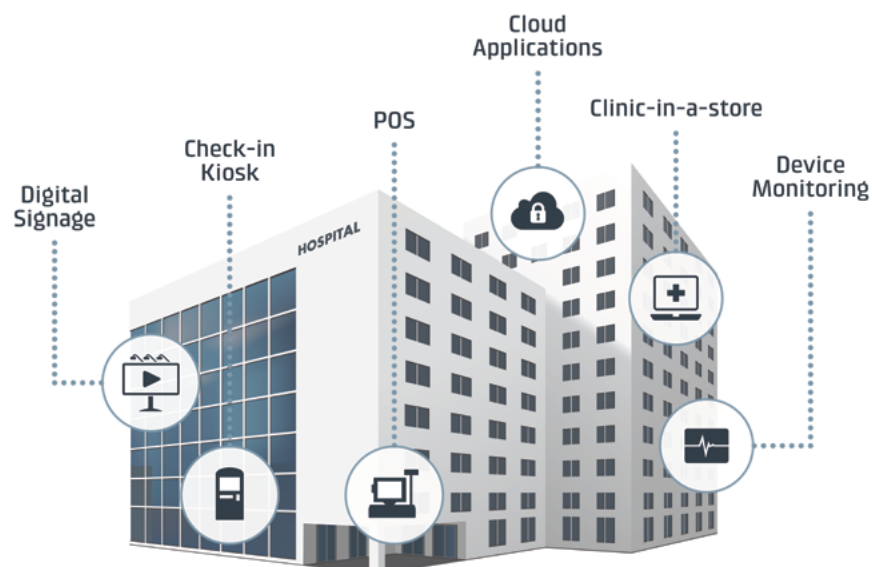
The “consumerization” of healthcare and sweeping policy changes will require that healthcare providers become more competitive or risk being left behind. Gaining the competitive edge means finding scalable efficiencies, leveraging the wealth of available patient data for improved care, and figuring out how to meet (or sometimes treat) patients where they already are – whether that happens to be at work, at the mall, or on the street.

While Machine to Machine (M2M) and Internet of Healthcare Things (IoHT) technologies promise to create massive efficiencies and a transformed patient experience, traditional wired connectivity solutions are often costly, difficult to deploy, and don't offer the flexibility required for effective M2M and IoHT deployments.

**UTILIZATION OF M2M-IoT TECHNOLOGIES AMONG HEALTHCARE ORGANIZATIONS GREW 40% IN 2014.<sup>1</sup>**

## SOLUTION: CRADLEPOINT 4G LTE M2M SOLUTIONS

Cradlepoint solutions leverage 4G LTE to offer reliable, flexible, secure connectivity that is dependable and easy to deploy, while enabling healthcare organizations to maintain the highest levels of network security and retain the flexibility they need to deploy M2M and IoHT.



## EXAMPLES OF APPLICATIONS FOR CRADLEPOINT M2M & IoT SOLUTIONS:

- + Check-in kiosks streamline administrative tasks and help patients access and update important information.
- + Telehealth and “clinic-in-a-store” kiosks let patients conduct health screenings, update their personal health records, and conduct virtual appointments with health professionals via video streaming.
- + Wireless Real-Time Location Systems (WRTLS) allow IT administrators to track and locate medical devices across massive campuses, reducing overhead and wasted time.
- + Medical devices that need maintenance or supply refills can be monitored remotely; when a problem arises or supplies become depleted, the device can send an alert.

## CRADLEPOINT'S 4G LTE M2M & IoT ADVANTAGES

### PURPOSE-BUILT FOR M2M NETWORKS

The Cradlepoint COR Series is built for M2M networking. These solutions are affordable, highly featured compact routers designed for critical business and enterprise applications for the Internet of Healthcare Things.

### Sources

<sup>1</sup>healthitoutcomes.com

## ENTERPRISE-CLASS SECURITY

Cradlepoint's devices and cloud-based management and applications platform offer best-in-breed security applications to enable healthcare providers to create highly secure network environments. Additionally, utilizing Parallel Networks with Cradlepoint devices to keep credit card and patient health data separate from non-sensitive information, and therefore limit the scope of Payment Card Industry (PCI) and Health Insurance Portability and Accountability Act (HIPAA) compliance, is recommended as a best practice.

## CLOUD-MANAGED DEPLOYMENTS

Cradlepoint's Enterprise Cloud Manager lets network administrators deploy and manage hundreds or thousands of devices from a single pane of glass, reducing truck rolls and IT resources needed to keep the network up and running.

## HEALTHCARE SOLUTIONS

Cradlepoint is the global leader in cloud-managed 4G LTE networking solutions, providing business-grade, secure connectivity for the Internet of Healthcare Things.

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