The business of healthcare is evolving faster than ever.

Are your network and data center infrastructure up to the challenge?

Quality results depend on access to quality tools

More and more, the healthcare industry runs on information—accumulating it, securely storing it and turning it into quick, precise action. If that information can’t flow efficiently and reliably, then everything else you do is compromised. You simply can’t deliver your best work without the best network and infrastructure tools at your disposal.

Inpatient, outpatient and beyond

At the same time, the business model for healthcare delivery has changed—and it continues to evolve at a staggering pace. Advancing technology promises more options for inpatient treatment, yet the economic and regulatory environment promotes more outpatient treatment.

The two are becoming less distinct, forcing healthcare providers to find new ways to extend the flow of information beyond their walls—delivering inpatient-level data even for outpatient services.

More important, more plentiful

30% of all stored data worldwide comes from the healthcare industry.*

*Bridgehead Software
The Future of Healthcare Data Management, 2012
Multiple systems have one common critical need

As different systems and services compete for limited connectivity, a faster, more efficient infrastructure becomes critical. Wireless telemetry, telephony, environmental systems and other applications must all share space on the same network.

Specialized solutions, built to address specific challenges

CommScope’s comprehensive portfolio of network and infrastructure solutions reflects the priorities that matter most to those in the healthcare industry: speed, availability, capacity and agility. In an industry where information must be ubiquitous and move freely in new directions and for new purposes, CommScope solutions meet your current challenges, while positioning you for long-term future success—no matter if it’s for inpatient services, outpatient services or in the data center.

Networks must adapt to support new services and technologies

80% of remote patient monitoring will be done on mobile devices by 2016.**

**Information Week, IW Healthcare: How Mobility, Apps, and BYOD Will Transform Healthcare, 2012
Inpatient solutions:
Connect with the evolving roles of your facilities

It’s absolutely critical that information move with speed, accuracy and security across your network. That’s why CommScope offers network infrastructure and intelligent solutions designed to keep up with the changing expectations of the inpatient experience.

- **Wireless solutions** that provide ubiquitous coverage, integrating multiple technology and carriers into a single, BYOD-friendly architecture supporting telephony, telemetry and other key functions at speeds up to 10G
- **IT-convergent network solutions** that connect your systems on a unified, TIA-1179-compliant category 6A cabling platform supporting multiple services—letting separate departments share infrastructure without having to share devices
- **Universal connectivity grids** that ensure easy adds, changes and upgrades with minimal disruption to the environment
- **Intelligent building sensor networks** that measure temperature, light levels, occupancy and other factors—automatically adjusting systems for maximum comfort and efficiency
- **Efficient spectrum management** that supports all kinds of healthcare telemetry applications

1. Ceiling Distribution Box  
2. Category 6A Cable Bundle  
3. Wi-Fi Access Point  
4. IBW Access Point  
5. Nurse Call Station  
6. Light/Temperature Control  
7. Light Fixture with Sensor  
8. IPTV  
9. Occupancy/Daylight Sensor  
10. Workstation
Outpatient solutions:

**Extending the reach and value of your data**

With more and more services being provided on an outpatient basis, access to timely, accurate information becomes even more important. Whether you’re monitoring a patient in the parking lot or from miles away, CommScope offers network solutions that keep data flowing.

- **Unified indoor/outdoor wireless solutions** that can serve a single building or an entire campus on a single network
- **High-capacity, high-speed infrastructure** that allows the effortless movement of massive amounts of data across the network or around the world

The CommScope advantage: technology neutrality

Connecting to multiple mobile networks and technologies is how you move critical data.

CommScope’s in-building wireless solutions are operator- and technology-agnostic, future-ready and able to grow as the needs of the facility changes over time.

For more information, visit commscope.com
Data Center solutions:

Optimizing the delivery of IT services for healthcare

You may be in the healthcare industry, but you’re also in the data business. When it comes to the delivery of IT services, the pressure is on—pressure to increase efficiency, improve capacity planning, and reduce operational costs wherever possible.

CommScope offers a complete suite of infrastructure solutions designed to make your data center meet or exceed its new expectations.

- Prefabricated modular “on-demand” data centers that deploy in weeks instead of years, with flexible, intelligent cooling that provides best-in-class server protection with remarkable energy efficiency that significantly reduces operational costs. It’s all available in modular units that can be located indoors, outdoors—wherever you need them.

- Data Center Infrastructure Management (DCIM) solutions that map the interrelationships between data center assets, improve efficiencies, and provide total visibility into the functioning of your entire physical ecosystem—both IT and Facilities—to optimize capacity utilization and performance.

- Intelligent, real-time physical-layer monitoring that simplifies management and reduces downtime by automatically tracking changes across the physical layer—from cabling, patching and switch port availability down to individual connected devices.

- Intelligent, low-voltage LED lighting with automated controls that execute energy use policies, plus a high-density sensor network that uses real-time temperature, light level and motion detection to reduce power use and enhance security.

- Structured Copper and Fiber Cabling solutions that can reliably transport the tremendous bandwidth required for healthcare data.
You’re connecting more devices. You’re moving more data. You’re under increased regulatory and operational scrutiny. Yesterday’s solutions simply can’t meet today’s demand for telehealth, telemedicine, mHealth, E-health and all other technologies that will power healthcare delivery for years to come.

Successfully planning for the next step in your infrastructure’s evolution depends on working with a partner who understands the unique challenges, pressures and opportunities of the healthcare industry.

Across every foot of your infrastructure—and for all the healthcare-specific applications that depend on optimal speed, reliability, agility and security—your network runs on CommScope.

Contact your CommScope representative with your top challenges and see how easily we can help you overcome them—today and tomorrow.
CommScope (NASDAQ: COMM) helps companies around the world design, build and manage their wired and wireless networks. Our network infrastructure solutions help customers increase bandwidth; maximize existing capacity; improve network performance and availability; increase energy efficiency; and simplify technology migration. You will find our solutions in the largest buildings, venues and outdoor spaces; in data centers and buildings of all shapes, sizes and complexity; at wireless cell sites and in cable headends; and in airports, trains, and tunnels. Vital networks around the world run on CommScope solutions.