

SOLUTION BRIEF

ATLAS-X1™ PREMIUM COPPER SYSTEM FOR HEALTH CARE NETWORKS



It takes 2 minutes and 40 seconds to send an MRI scan when transmitting over a 1 GbE network. Transmitting the same file over a 10 GbE network takes 16 seconds.

Hospitals need to ensure they're installing the right infrastructure to handle greater demand now and in the near future.

A Reliable Network is **Mission Critical**

Network infrastructure should seamlessly connect staff, medical equipment, and patient information systems. Whether 2 p.m. or 3 a.m., patients and staff depend on that connectivity.

Industry experts say the most critical IT responsibility for health care CIOs is maintaining a robust, reliable, and secure infrastructure that:

- Connects caregivers, researchers, and educators so patients get the best care
- Delivers more information on demand at the point of care
- Supports quicker access to patient data while maintaining HIPAA compliance and patient trust

The Atlas-X1™ Cat 6A Premium Copper System delivers the highest level of verified performance across hospitals, labs, and other mission-critical applications. The system is designed to deliver complete connectivity to every area of the facility, ensuring long-lasting, high-speed performance and reliable data integrity.

Nurses Stations Depend on Fast, Reliable Connectivity

Atlas-X1 facilitates greater density for more connectivity ports in work areas while improved performance ensures quick access to critical patient data.

Operating Rooms Rely on Premium Performance

Atlas-X1 stranded conductor cables have a long flex-life within pathways while delivering reliable, high-quality performance.



Emergency Rooms Demand a Robust Infrastructure

Atlas-X1 enables easy identification of applications in a resilient design that delivers dependable performance across harsh medical environments.

Patient Rooms Need Greater Data Integrity

Atlas-X1 shielded connectivity mitigates ambient noise and protects networks from EMI and RFI.

Hospitals Require a Scalable Network

Atlas-X1 connectors are built on an identical form factor across all category ratings for easy scalability as network infrastructure needs change or grow.

The Atlas-X1 Structured Cabling System Offers:



- Connectors, patch panels, and cable assemblies that provide EMI/RFI protection
- A unique design that is tested and approved in air-handling spaces (plenum rating) while offering a greater bend radius in space-restricted environments
- A variety of colors and icons to easily identify critical functions
- Robust housing and shutters to protect connectors in harsh environments
- Reliable, third-party tested, category-rated connectors for optimal system performance