



Hyperscale and cloud data center solutions

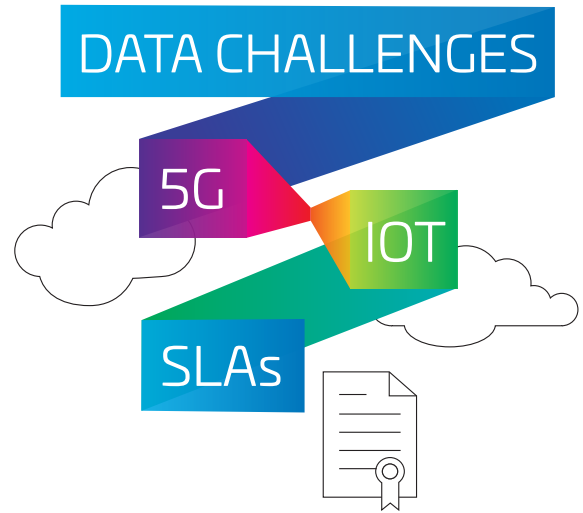
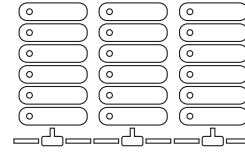
As your hyperscale data center grows, trust what CommScope knows

COMMSCOPE®

Hyperscale meets hyper-capable

The challenges inside hyperscale and cloud data centers are accelerating. Internet of things (IoT) deployments are increasing with 5G to follow. Data center managers must manage massive amounts of new data and machine-to-machine communications while maintaining ultra-reliable, low-latency service level agreements (SLAs). As the market heats up, providers are forced to deploy and scale faster than ever.

In this fast-moving, demanding environment, having the right infrastructure and deployment partner—with the strength, speed and experience to keep you ahead of the changes—can be the difference between staying ahead or falling behind. That's why hyperscale and cloud providers rely on CommScope.



Strength, speed and experience: When and where you need it

Whether deploying new assets or an entire new facility, network infrastructure is one of the last critical systems to be installed. CommScope has the global presence, consistent product quality, professional services and technical response capabilities to ensure no disruptions, no delays.



Global presence

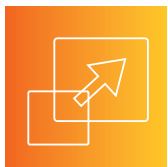
As your global footprint expands, you need a partner who is positioned to provide the solutions and services you need. CommScope's worldwide presence includes 20,000 passionate professionals, manufacturing and distribution facilities on five continents, and a global network of technical expertise and support. We are there for you, when and where you need us.



Faster deployment

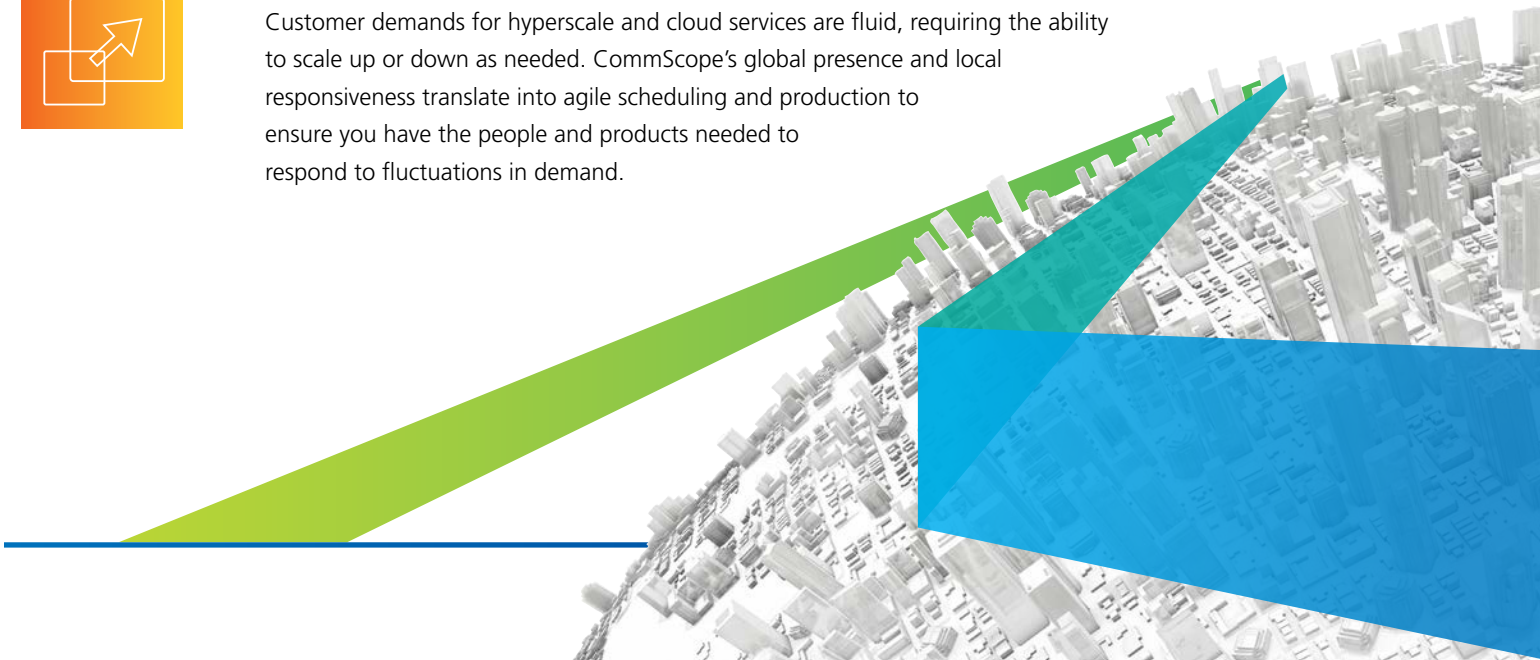
In today's hyperscale and cloud environment, compressed lead times are the norm. CommScope gives you the speed, agility and technical support you need. Regional supply chains and local service teams cut through the logistical complexities to ensure fast product delivery for an accelerated return on your investment.

With approximately 150 local field application engineers (FAES) and nearly 300 professional services personnel, we also deliver the on-site services to ensure trouble-free turn-up from day one. Highly trained and experienced, CommScope FAEs and professional services personnel are equipped to handle everything from troubleshooting and overseeing complex start-ups to providing in-depth installation and maintenance training for your staff and verifying third party vendor delivery of quality fiber and data center capacity.



On-demand scaling

Customer demands for hyperscale and cloud services are fluid, requiring the ability to scale up or down as needed. CommScope's global presence and local responsiveness translate into agile scheduling and production to ensure you have the people and products needed to respond to fluctuations in demand.





Infrastructure solutions for hyperscale data centers

Fiber cabling and connectivity

As fiber counts and density grow, the importance of manageability increases. With solutions like compact rollable ribbon fiber, high-density optical distribution frames (ODFs) and ultra high-density splice panels, CommScope provides complete fiber management solutions that support higher fiber counts and scale easily.

Rollable ribbon allows hyperscale and cloud providers to pack twice as many fibers in the same cable diameter as standard flat ribbon cables. It conserves space in your cable pathways throughout the data center, including the building entrance, meet-me rooms and even in your outside plant.

CommScope knows that high fiber density is valuable only if it's manageable and useable. So we designed our high-density ODFs and ultra high-density panels to provide maximum fiber density that's easy to maintain. When deployed together they create a scalable connectivity platform that keeps all fibers secure and accessible while enabling you to support more connections per RU.

For faster deployment our cabling and connectivity solutions are compact and modular. They include preterminated trunks and cabling assemblies that deliver plug-and-play installation and consistently superior end-to-end link performance.

CommScope fiber solutions deliver industry leading optical performance—from the core to every spine and leaf. So you can support longer link spans and the infrastructure design needed for guaranteed operational availability—all while ensuring a clear migration path for future applications, whatever your roadmap dictates.

We back our commitment with the confidence of Applications Assurance, the industry's only warranty that guarantees your links will support the applications for which they are designed—now and in the future..

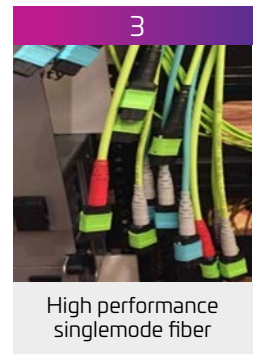
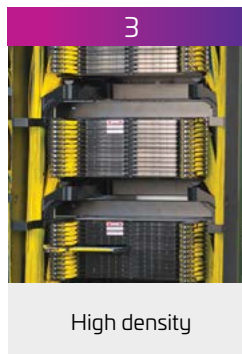
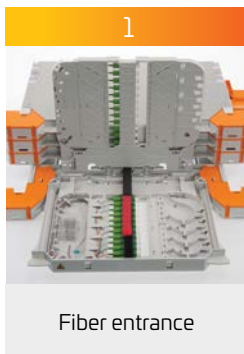
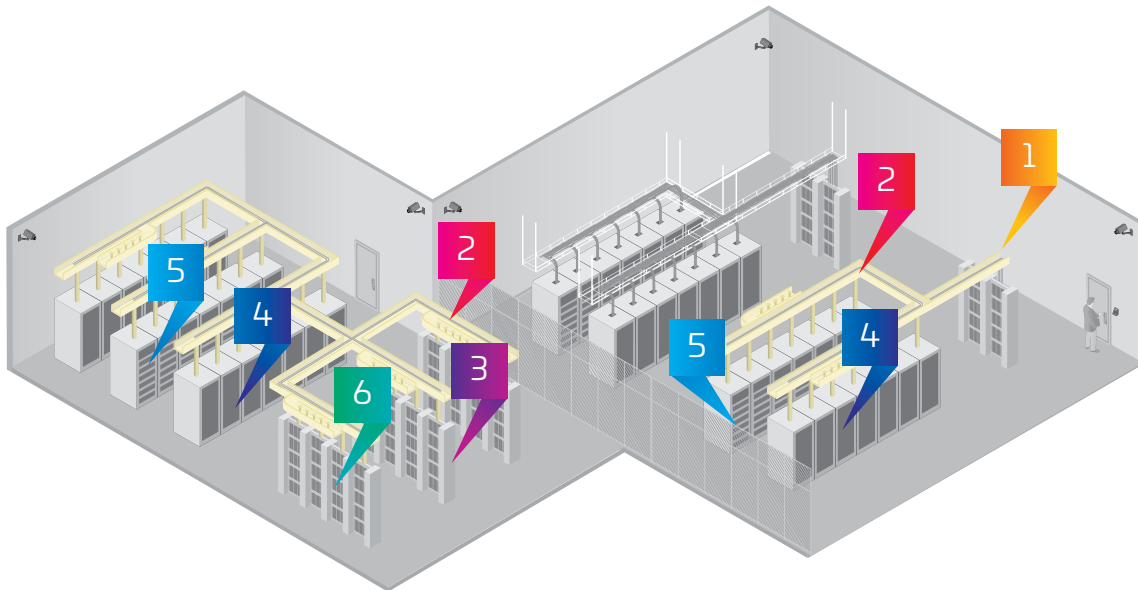
Project customization

For projects with specialized requirements, CommScope offers expedited customization services to keep your fast-track projects on schedule. A dedicated rapid response team provides customized products and/or packaging—cable and connector types, module configurations, breakout lengths, packaging and labeling, and more.

Customized and delivered with speed and precision

- Custom cable assemblies, modules, breakouts
- Specialized kitting labeling, packaging, shipping
- Light panel customization

Connectivity throughout the data center





Automated infrastructure management (AIM)

As your infrastructure grows more dense and complex, the need for automated monitoring and management is fast becoming non-negotiable. You need real-time visibility of every connection, port and device across the physical layer. CommScope's imVision®, the leading automated infrastructure management solution, provides it.

An easy-to-use web-based dashboard allows you to see and control every aspect of your infrastructure in real time. Whether you want to implement changes such as adding new servers, tracking down a stranded switch port, or troubleshooting a connectivity issue, imVision can diagnose in minutes what used to take days to discover.



CommScope's imVision® enables:

- Real-time status of every connection, port, device
- Risk-free moves, adds and changes
- Instant identification of stranded switch ports
- Fast troubleshooting of connectivity issues
- Alerts of unauthorized connection or disconnection
- Location-based display of network connections

Professional services

It takes more than innovative products to meet the challenges in today's hyperscale and cloud data centers. CommScope's Professional Services teams provide the insight and expertise to help design, install and upgrade your capacity and fiber connectivity.

Our experience speaks volumes:

- We've evaluated and qualified more than 1,000 data centers and co-location facilities, testing and remediating almost 400,000 kilometers of fiber in the process.
- Working with customers like you, we've documented more than 4,300 fiber facilities—making ongoing operation and maintenance simpler.
- Through testing and redeployment, reselling and salvaging, we've managed the disposition of over \$600 million of decommissioned equipment.

CommScope's Professional Services teams also provide experienced personnel to work on-site, as a complement to your in-house capabilities. Flexible contract staffing enables you to scale your resources up and down—efficiently and seamlessly—to handle changes in your internal workloads.

Proven experience

- Fiber characterization and remediation
- Decommissioning
- Rack and roll, RMA and smart/remote hands services
- Engineering and install/full cage buildout
- Fiber network documentation
- Multi-vendor delivery management

Right people—right times

- Staffing services let you react to workload peaks.



Strength meets speed

Hyperscale or cloud based, your data center is moving fast. CommScope has the global infrastructure technology, experience and professional services to keep you ahead of the changes. Always on, always ready—it's our job to know what's next. Working together, we'll meet your challenges head-on and help you maximize the potential in your network.

For more information on CommScope's solutions and professional services for hyperscale data centers, contact your CommScope representative or visit www.commscope.com. Let's get started.

Contact CommScope

CommScope pushes the boundaries of communications technology with game-changing ideas and ground-breaking discoveries that spark profound human achievement. We collaborate with our customers and partners to design, create and build the world's most advanced networks. It is our passion and commitment to identify the next opportunity and realize a better tomorrow. Discover more at commscope.com

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Visit our website or contact your local CommScope representative for more information.

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