



Data center infrastructure solution

Agile & Efficient



Agile, efficient & highly available data centers

Data center deployment is at the heart of most IT strategies. Designing a data center that responds to the needs of a business can make it a key pillar in a company's strategy. To do this, you need a network infrastructure partner that can anticipate new industry trends, drive standards, help design, operate, and grow a data center that can serve your business needs in a highly agile fashion.

You know what it takes to create, construct and run this most critical of business assets. And so do we. CommScope designs and manufactures more than 500,000 products that connect and protect the flow of power and data inside the products that touch every aspect of our lives. Our high density fiber and copper data center solutions are engineered to out-perform your expectations.

CommScope supplies products and jointly develops solutions with many of the world's leading data center equipment manufacturers. This ideally positions us to be able to anticipate and deliver on your requirements for a competitive data center infrastructure.

The challenge the industry now faces is to maintain high levels of availability while offering faster responses to rapid changes in business, application and user demand.

COMMSCOPE DELIVERS:

Unique OEM partnerships
Unrivaled global reach
World leadership in managed connectivity

BASED ON:

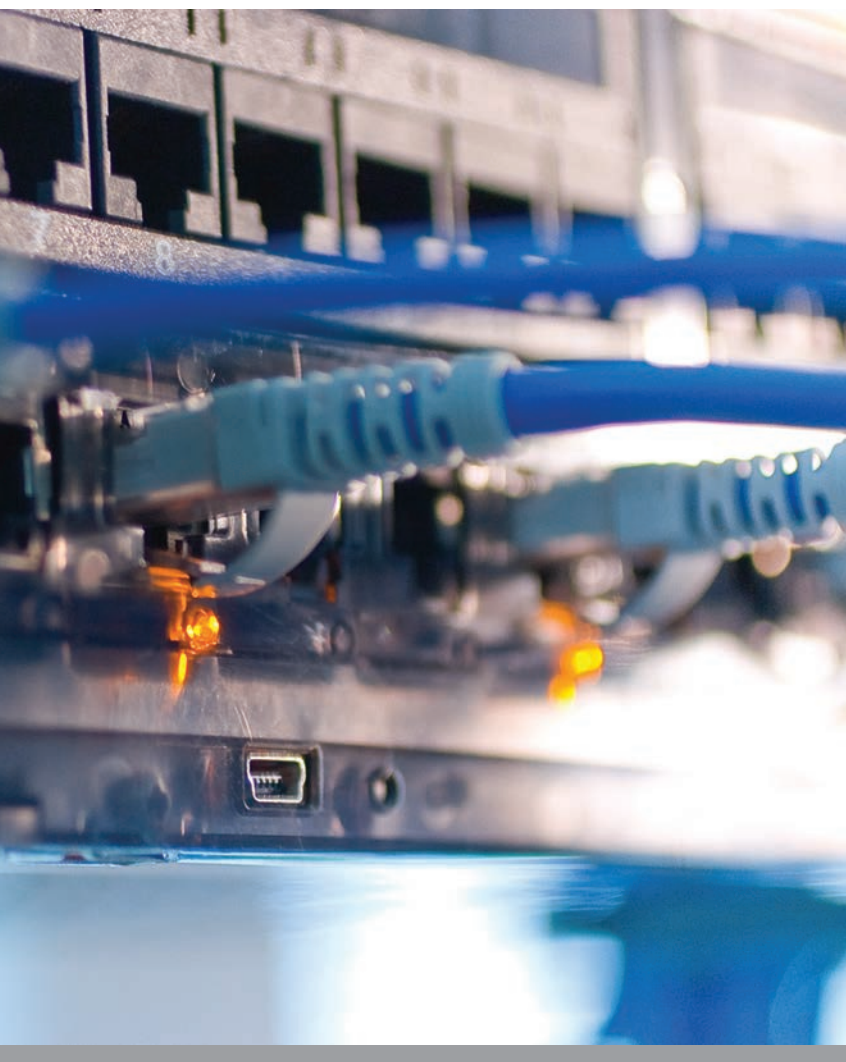
Products
Partnerships
Support

At CommScope we know the importance of being agile and cost-effective. The best way to achieve this is by building in these requirements at the early stage of the design process. We put this principle into practice at the product design stage and by participating with you and our partners at the early stages of the data center design.

A network infrastructure technology partner that can anticipate new industry trends, drive standards, help design, operate, and grow a data center that can serve your business needs in a highly agile fashion.

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COMMSCOPE®



Products

Fiber and copper connectivity products are at the core of our data center solution portfolio. Forming the physical infrastructure that connects the vital storage, application and networking assets of your data center, our product set is engineered to offer optimum performance while addressing the business needs for agility and efficiency. Our portfolio is built on the proud legacy inherited from the CommScope fiber and relationships we have built supplying connectors into the products that make up the data center's active equipment.

Our customers are able to choose from the broadest portfolio of products available on the market, including unique platforms that have been designed specifically for the data center to help the world's leading router, switch, server and storage companies deliver products that integrate seamlessly while addressing the challenges of cabling density, cooling airflow and reduced rackspace.

CommScope has close research and development relationships with active equipment vendors, designing connectors for the next generation of active equipment.

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Vital & Reliable

Support

Good design is at the core of all high performing data centers. In addition to designing standards compliant products specifically for data center environments, we work with you to help you get the data center design right from the start. Our experience working directly with customers around the globe gives us first-hand knowledge of data center challenges. Many of our experts also participate in or chair international standards committees for data center cabling infrastructure design to help further the industry.

This real world experience means we know that some of the greatest efficiencies can be gained through data center maintenance and operation. This is why, for many of our major clients, we offer project management services to help with on-going design, build and data center roll out. Our customers have told us that good communication underpins most successful data center projects. As a result, we have worked with data center professionals to develop online project collaboration applications that ensure our customers remain in full control of the project with the maximum communication efficiency.

Partners

Given the complex nature of data center requirements, it is not surprising that most companies establish a network of partners offering complementary elements of a data center solution. Much of the industry works within a partnering structure but CommScope is unique in the types of partnerships we have and what they mean to our customers.

CommScope has closer research and development relationships with active equipment vendors, designing connectors for the next generation of active equipment. That means we can share insights about technologies on the horizon and in the data center now with our customers. This can result in CommScope being ahead of the competition for those next generation connectivity needs and our customers get access to unique solutions designed in partnership specifically for the data center.





Cabling systems

Fiber or copper, shielded or unshielded. CommScope's range of cabling and connector products form the systems that support application protocols from 1G to 100G to some of the world's largest 'mega data centers'. The solutions include easy to install field terminated solutions and factory terminated plug & play solutions, both offering the highest performance available to data center customers.



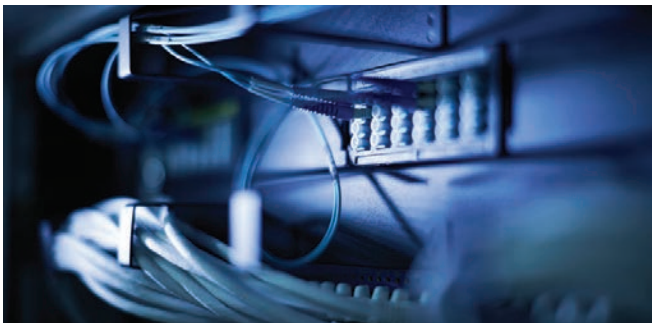
MRJ21 XG copper system

The MRJ21 XG system is designed to support agility, availability and efficiency in today's modern data center. Via its industry leading MRJ21 backbone connectivity and RJ45 presentation platforms, the MRJ21 XG can support 10 GbE (10 Gigabit Ethernet) throughput in all architectures where copper cabling is required. This pre-terminated system enables the data center manager to quickly add additional capacity or services whilst guaranteeing data throughput performance 100% of the time.

Adaptive & Intelligent

Flexible platforms

Exploding demand for bandwidth is pushing data center teams to rethink their network infrastructure as they look to increase port count and fiber density, increase lane capacities, reduce latency and prepare to migrate to higher speeds. Easier said than done. Even as data centers transition to 25G, 40G, 50G and 100G, standards are being developed for 400G and beyond. Judging by the Ethernet roadmap, the path forward is neither clear nor straight. Driven by the emergence of many new technologies—including more efficient modulation, new transmission schemes and new fiber types—data center managers are faced with more choices than ever.



High Speed Migration

Your infrastructure challenges are unique. So is your migration path to higher speeds. CommScope's high speed migration platform gives you the agility, speed and density you need while keeping your infrastructure efficient and manageable.

Designed with modular building blocks, the platform provides a long-term strategy for supporting higher speeds and emerging applications—without having to rip and replace. Expand capacity as you need, when the time is right, without overspending or over-provisioning. CommScope's high speed migration platform addresses the key challenges you face every day regarding the growth of your network infrastructure.

Automated Infrastructure Management

As network complexity and fiber density increase, so do the challenges of documenting and tracking the connected environment. An automated infrastructure management (AIM) solution monitors your growing physical layer for maximum performance and minimal risk.

Migrating to faster speeds adds more components, cables and connections—all of which must be monitored and managed. Manually documenting the connected environment using spreadsheets is virtually impossible.



imVision

SYSTIMAX imVision automatically tracks every connection, providing real-time information for location, status, connectivity path and more. So you can handle moves/add/changes more easily, accelerate mean time to repair and optimize your entire infrastructure. imVision provides actionable insights and granular visibility into your network's complex, interdependent physical layer as well as the myriad devices connected to it. It shows you exactly what you have, how different pieces interact, and where you can find new optimization opportunities.

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Heathrow Terminal 5

CommScope's total networking solution at Heathrow Terminal 5, based on its structured cabling system, combines copper and fibre connectivity with best of breed cable management products.



The technology infrastructure worked perfectly from day one. It was designed for 24x7x365 fault-free operation.

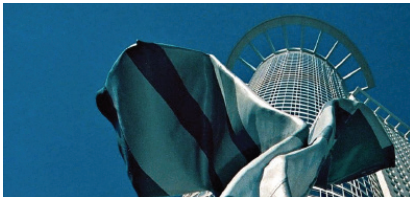
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Experience & Success



Dienst Uitvoering Onderwijs (DUO)

DUO, the Office of Education for the Netherlands, required a robust, state-of-the-art cabling network, for their new data center, all within six weeks! CommScope worked with DUO building a completely new IT environment to support their new office building and data center – critical to the success of the organization.



DZ Bank

With around 25,000 employees DZ Bank is among Germany's largest banks. CommScope completed this 1000 server data project to install high density MPO & MRJ21 cabling within a tight 30 day deadline.



EnergiMidt A/S

Based in Denmark, EnergiMidt needed a new data center to help offer communication and entertainment services over a fiber network to their energy customers. They chose CommScope's intelligent infrastructure management system to provide rapid planning of capacity adds, moves and changes.



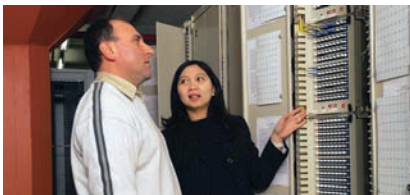
MAPCO

CommScope's end-to-end structured cabling system was chosen for the headquarters data center of Mapco, a subsidiary of Delek US Holdings which operates more than 500 convenience stores in the U.S.



DRFortress

This Hawaii-based provider offers data center and Internet exchange services to enterprise organizations, network providers and e-commerce companies. Adam Cheong, DRFortress network and data center manager, explains, "Our philosophy is to grow our business in well-planned phases, and CommScope helped us with an infrastructure designed to do this."



Optus

Optus is the second largest service provider in Australia. CommScope provides all UTP, coax and fibre cable and connectivity solutions for Optus Hosting Centres.



ACTTAB

When ACTTAB (Australian Capital Territory Betting Corporation) sought to upgrade its headquarters data center, they chose an NETCONNECT Cat 7_A system to ensure maximum availability and performance.

Available & Assured



Tailored solutions and dedicated support

With an established manufacturing presence in more than 20 countries, CommScope offices in more than 50 countries, and customers in more than 150 countries, we can provide an unrivalled level of in country support for your data center project. In addition, our global network of distributors and integrators allows us to support multi-national data center deployment programs.

We work with a network of OEM and technology partners at the design stage, driving the critical connector technologies for servers, storage and networking equipment product development. From switch to server, from router to storage, we are dedicated to engineering next-gen network infrastructure solutions for all your data center needs.

Your data center, your choice. Engage one of our 2,000 plus authorized Network Design and Installation partners for your next project.

From switch to server, from router to storage, we are dedicated to engineering next-gen network infrastructure solutions for all your data center needs.

CommScope data center solution



Select the solution that is specific to your needs from the industries broadest range of cabling infrastructure products for the data center—all backed by the CommScope 25 Year Warranty.

Everyone communicates. It's the essence of the human experience. *How* we communicate is evolving. Technology is reshaping the way we live, learn and thrive. The epicenter of this transformation is the network—our passion. Our experts are rethinking the purpose, role and usage of networks to help our customers increase bandwidth, expand capacity, enhance efficiency, speed deployment and simplify migration. From remote cell sites to massive sports arenas, from busy airports to state-of-the-art data centers—we provide the essential expertise and vital infrastructure your business needs to succeed. The world's most advanced networks rely on CommScope connectivity.



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