COMMSCOPE®

Multinational software company upgrades 30 data centers with SYSTIMAX®

A global enterprise software company sought to upgrade the infrastructure for 30 data centers in 11 countries across six continents simultaneously, moving from 100G to 400G. The company needed one standardized cabling design that could be deployed at all legacy sites for a seamless rollout. The company chose CommScope's SYSTIMAX® portfolio of ultra low-loss (ULL) structured cabling solutions to build out a high-density, low-latency fiber network.

Upgrading the backbone from 100G to 400G with CommScope's SYSTIMAX ULL preterminated solution provided a fourfold increase in bandwidth—enabling faster data transmission, improved network efficiency, and scalability to meet growing traffic needs.

Trusted partner

CommScope maintains deep and long-lasting relationships with customers and helps them build, design and deploy customized solutions that are aligned with their technology road maps. Having worked with CommScope previously on multiple projects, company officials knew they could count on CommScope to deliver the optimal solution—even during the height of COVID-19 pandemic-related challenges.

CommScope's solutions are available in high volumes on demand, thanks to an agile global supply chain and multiple global locations with a local manufacturing advantage. While the pandemic caused logistical hurdles for manufacturers around the world, CommScope and the company's PartnerPRO® Network providers avoided delays in upgrading the customer's data centers.

For more information, visit commscope.com

Ready for the future

CommScope's market development, sales, customer service and engineering teams prepared well ahead of time with an approved network design and preprovisioning/preordering for all materials. Tight coordination and constant communication among CommScope's professionals, PartnerPRO Network providers and a global distributor ensured smooth deployments. The software company was able to operate its existing network while CommScope built the new network, so the company's customers weren't affected.

CommScope's SYSTIMAX ULL preterminated solution is helping the customer deliver superior connectivity. Upgrading the backbone from 100G to 400G provided a fourfold increase in bandwidth—enabling faster data transmission, improved network efficiency, and scalability to meet growing traffic needs. The customer was also able to consolidate data center infrastructure, which drives cost savings while supporting emerging cloud technologies and applications. The SYSTIMAX 25-year warranty provides the application assurance that enterprises rely on to power their networks well into the future.
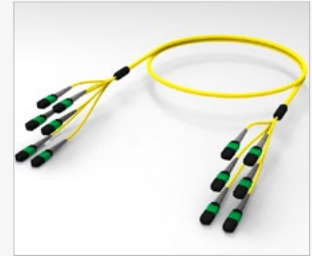
Explore SYSTIMAX solutions

SYSTIMAX ULL portfolio

MPO8 trunks

FACT® optical distribution frames

FiberGuide® raceways

> "Structured cabling from CommScope is designed for multiple generations of IT equipment, avoids delays in network upgrades and improves budget forecast accuracy. A big thank you to the entire CommScope team for making these 30 projects happen on time and on budget!"
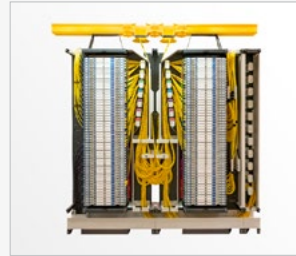>
> **Global Architect at Client**

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.