

PRODUCT SOLUTIONS BRIEF
COMMSCOPE

DATA CENTRE NETWORK MIGRATION



Through our strong global partnerships and alliances with manufacturers such as CommScope, we are able to present you with the following offering to meet your specific data centre requirements.

CommScope Micro Data Centre Solutions

CommScope solutions for micro data centres combine the Ethernet performance of GigaSPEED™, the preterminated copper solution of InstaPATCH® Cu and the imVision® intelligent solution. Customers are able to choose from the broadest portfolio of products available on the market, designed specifically for the data centre to help the world’s leading technology companies deliver products that integrate seamlessly while addressing the challenges of cabling density, airflow cooling and reduced rack space.



CommScope’s solutions support the next generation of data centres.

CHALLENGE SOLVERS

- GigaSPEED® X10D provides unprecedented performance for key parameters, such as insertion loss and all forms of crosstalk, both within and between channels, yielding improved bandwidth, data throughput and network efficiency. The Optimised Material Technology (OMT) platform reduces cable diameter while optimising transmission performance.
- InstaPATCH Cu preterminated copper solutions represent a major advance for the fast deployment of high-performance networks. These solutions are factory-connected, factory-tested, modular connectivity systems. Designed for high-density environments such as data centres, InstaPATCH Cu solutions are ideal for rapid deployment and high performance. Their modular design supports improved cable management and scalable capacity.
- ImVision is a sophisticated approach to managing the complex infrastructure cabling and connectivity that provides the foundation for connected and efficient building technologies. It combines intelligent hardware and software to provide users with unprecedented real-time visibility and control over their physical layer, resulting in better capacity management of ports and cabling, higher availability, reduced mean-time-to-recovery, automated change management and faster time to value when deploying new IT assets.

THE ANIXTER APPROACH

- **Network flexibility**
Apply designs to accommodate your performance requirements and highly scalable network architecture demands.
- **Cabling topology**
Determine the right choice for your computing requirements with careful consideration for end-of-row (EoR), middle-of-row (MoR), top-of-rack (ToR) or centralised cabling structures.
- **Media selection**
Choose the appropriate cabling media from twisted pair, optical fibre and direct attached to address high-speed bandwidth requirements.
- **Density demands**
Deploy scalable designs that accommodate for uncertain density requirements.

THE COMMSCOPE SOLUTION

GIGASPEED

X10D U/UTP
 X10D F/UTP
 XL U/UTP

INSTAPATCH CU

InstaPATCH OneLink
 Patch panel modules
 Outlets and modular plugs

IMVISION

Software
 Hardware options
 Service options



WHAT WE HEAR

Challenges from various data centre stakeholders:



AMORTISATION of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



SPEED of deployment



Pace of **INNOVATION**, adoption

Infrastructure as a Platform
 by Anixter

Infrastructure as a Platform by Anixter offers a standards-based, physical layer approach that provides a foundation to meet the high-performance computing demands of your data centre.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Capacity needs
- Panel and cable type
- Monitoring requirements
- Cable assemblies

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Network infrastructure
- Racks and cabinets
- Management software
- Physical security solutions

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labelling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

COMMSCOPE MICRO DATA CENTER FEATURES

✓ SCALABLE, FLEXIBLE NETWORK

- GigaSPEED delivers next generation support by providing bandwidth that is extended out to 500 MHz with guaranteed alien crosstalk performance.
- InstaPATCH Cu offers multiple options for a variety of copper environments.
- GigaSPEED is specifically engineered with enhanced cable and connector performance to support Ethernet requirements.

✓ SIMPLIFIED MANAGEMENT

- InstaPATCH Cu is engineered for cleaner, more convenient installation. Copper cable assemblies can be installed in a fraction of the time of traditional implementation.
- ImVision reduces time-intensive manual processes, generates electronic work orders and enables guided administration of connectivity changes.
- ImVision features end-to-end circuit visibility, which means that in the event of a network failure a root cause analysis can quickly be established and service quickly restored.



CommScope's ImVision System Manager software gives you the power to plan, implement and document changes to your network infrastructure remotely through a standard web browser.

> FOR MORE DETAILS VISIT ANIXTER.COM/SHOPCOMMSCOPE/APAC

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Legal Statement: anixter.com/legalstatement

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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