



ADVANCED DATA CENTER SOLUTIONS

End-to-End Connectivity for Enterprise Cloud and AI Environments

The Solutions Underpinning Future Data Center Migration Paths.

www.siemon.com

Connecting the World to a Higher Standard



CONNECTIVITY FOR EVOLVING DATA CENTER ARCHITECTURES

No two data center environments are being built in exactly the same way. Whether you are modernizing enterprise infrastructure in phases, scaling cloud architectures across multiple sites or deploying dense GPU environments for AI workloads, connectivity requirements vary depending on performance, architecture and deployment goals.

Today's environments rely on a wide range of architectures and connectivity approaches. As network speeds rise from 800G to 1.6T and beyond, you need connectivity strategies that support increasing bandwidth demands, higher-density designs and future migration paths. Some environments require scalable spine-leaf architectures designed to support high-density east-west traffic. Others may prioritize structured cabling, point-to-point connectivity, Ethernet, InfiniBand™ or direct attach interconnects.

Siemon provides end-to-end fiber, copper and high-speed connectivity to connect every layer of AI infrastructure, spanning compute, network, storage and GPU environments. From high-density fiber systems and modular structured cabling capable of supporting terabit-scale network architectures to high-speed interconnects for today's highest-speed deployments, Siemon helps you build scalable, interoperable environments aligned to your operational and infrastructure requirements.

Backed by global manufacturing capabilities and logistics, technical expertise and a worldwide network of certified installers, Siemon works closely with customers and partners to support planning, deployment and long-term expansion across enterprise, cloud and AI-driven environments.



Supporting Modern Enterprise Data Center Environments

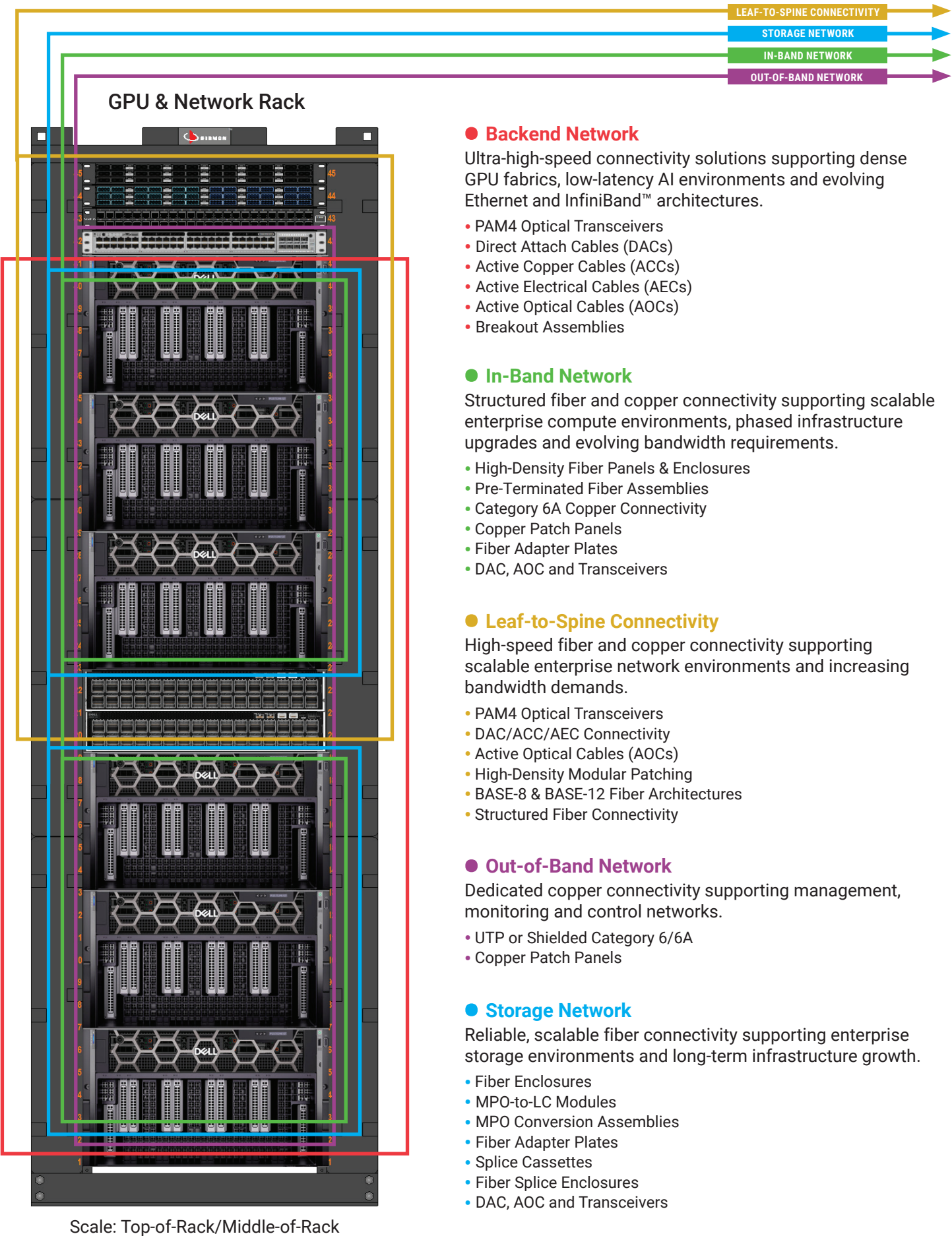
Enterprise data centers continue to evolve to support increasing bandwidth demands, growing data volumes and application requirements across both existing and next-generation environments. As organizations modernize over time, enterprise environments require scalable connectivity capable of supporting phased upgrades, increasing bandwidth demands and long-term operational growth across compute, network and storage environments.

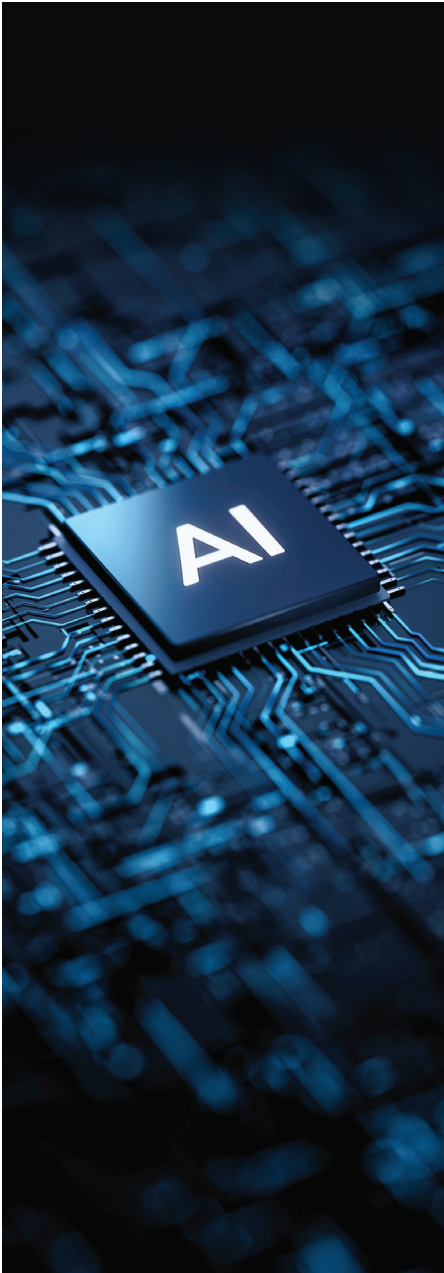
Siemon supports enterprise environments with end-to-end fiber, copper and high-speed connectivity solutions designed for phased migrations, higher-density deployments and evolving speed requirements.

From structured copper and fiber cabling to high-speed connectivity for today’s advanced network architectures, Siemon helps organizations integrate new applications and technologies into existing environments without unnecessary disruption or costly redesigns. This enables customers to scale over time while optimizing space, simplifying deployment and managing long-term operational costs.

Supporting Enterprise Infrastructure Growth

Scalable Enterprise Connectivity	Fiber, copper and high-speed connectivity solutions, including transceivers, designed to support modern cloud infrastructure.
High-Performance Connectivity	High-speed connectivity solutions support today’s highest-speed deployments, with structured fiber cabling designed for emerging terabit network architectures.
Global Delivery & Technical Expertise	Worldwide logistics, technical support and certified installation services helping enterprise projects deploy consistently across global locations.





Supporting Scalable AI and High-Density GPU Environments

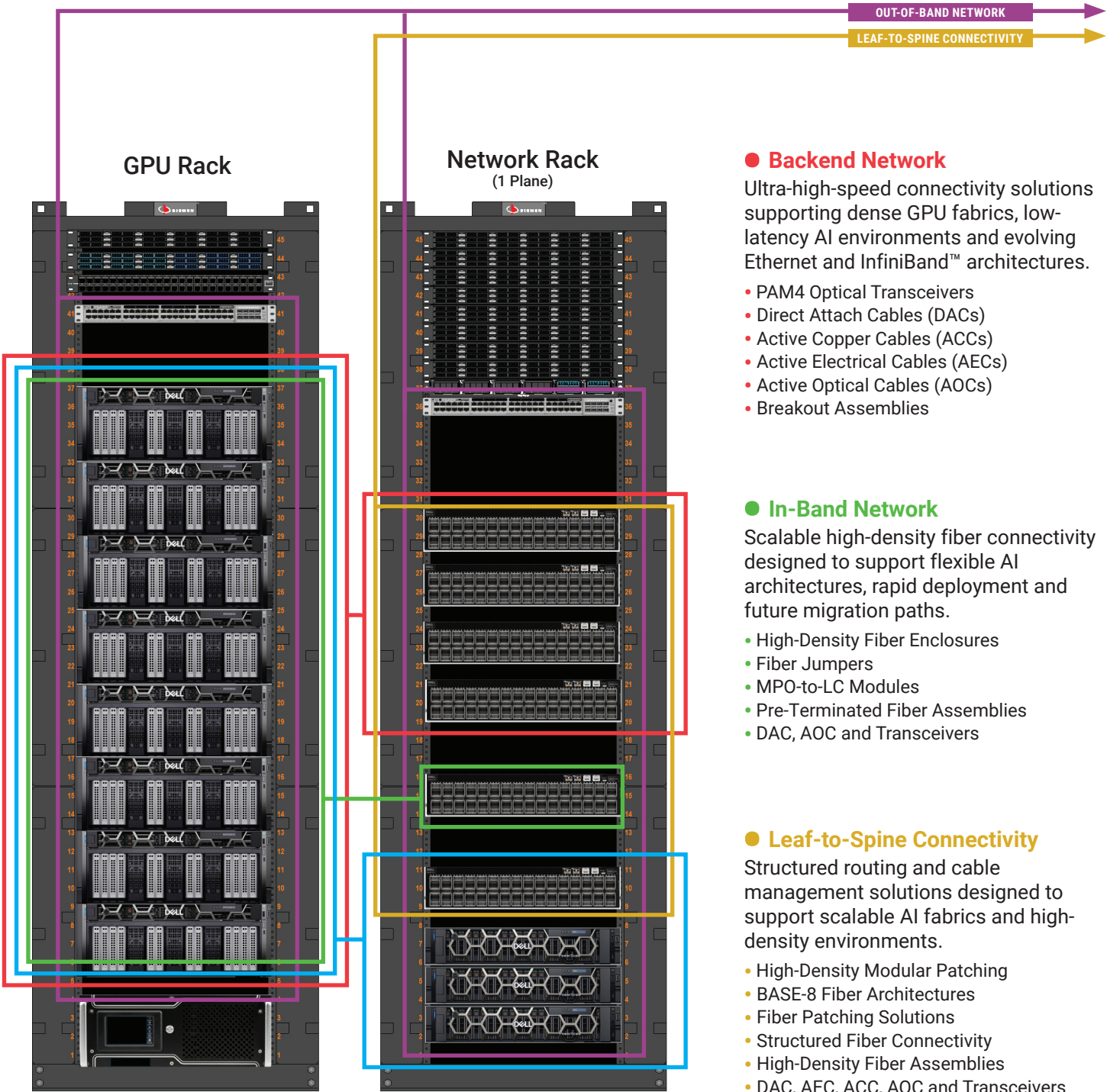
AI infrastructure environments demand ultra-high-speed, high-density connectivity capable of supporting rapidly evolving GPU architectures required for AI training, Inference, power density & unprecedented bandwidth. As AI clusters continue to scale, high-speed interconnects and high-density fiber systems become increasingly important for supporting low-latency performance, deployment speed and scalable AI growth across GPU, compute, network and storage environments.

Siemon supports Neocloud providers and AI factory environments with cutting edge high-density fiber infrastructure and high-speed interconnect solutions across Ethernet and InfiniBand™ architectures. Designed for scalable AI deployments, Siemon’s innovative connectivity solutions help simplify infrastructure expansion and support evolving AI fabrics and future migration strategies.

Supporting Ethernet and InfiniBand networks, Siemon helps customers deploy scalable, interoperable AI infrastructure aligned to evolving performance requirements across multi-vendor environments, including NVIDIA GPU platforms.

Supporting Rapid AI Infrastructure Growth

End-to-End AI Connectivity	High-speed connectivity solutions, including transceivers, support today’s highest-speed, high-density AI deployments, while structured fiber cabling provides a scalable foundation for emerging terabit network architectures.
Proven Multi-Vendor Compatibility	Interoperable connectivity designed to integrate seamlessly with leading AI networking platforms, including NVIDIA, Dell and Arista.
Global Delivery & Deployment	Worldwide logistics, pre-terminated solutions and technical expertise helping accelerate AI infrastructure rollouts across global locations.



Scale: Middle-of-Row

● Out-of-Band Network

Dedicated copper connectivity supporting management, monitoring and control networks.

- UTP or Shielded Category 6/6A
- Copper Patch Panels

● Storage Network

Reliable, scalable fiber connectivity supporting high-performance storage environments and growing AI data demands.

- Fiber Enclosures
- Fiber Adapter Plates
- Fiber Splice Enclosures
- MPO-to-LC Modules
- Splice Cassettes
- DAC, AOC and Transceivers

● Backend Network

Ultra-high-speed connectivity solutions supporting dense GPU fabrics, low-latency AI environments and evolving Ethernet and InfiniBand™ architectures.

- PAM4 Optical Transceivers
- Direct Attach Cables (DACs)
- Active Copper Cables (ACCs)
- Active Electrical Cables (AECs)
- Active Optical Cables (AOCs)
- Breakout Assemblies

● In-Band Network

Scalable high-density fiber connectivity designed to support flexible AI architectures, rapid deployment and future migration paths.

- High-Density Fiber Enclosures
- Fiber Jumpers
- MPO-to-LC Modules
- Pre-Terminated Fiber Assemblies
- DAC, AOC and Transceivers

● Leaf-to-Spine Connectivity

Structured routing and cable management solutions designed to support scalable AI fabrics and high-density environments.

- High-Density Modular Patching
- BASE-8 Fiber Architectures
- Fiber Patching Solutions
- Structured Fiber Connectivity
- High-Density Fiber Assemblies
- DAC, AEC, ACC, AOC and Transceivers



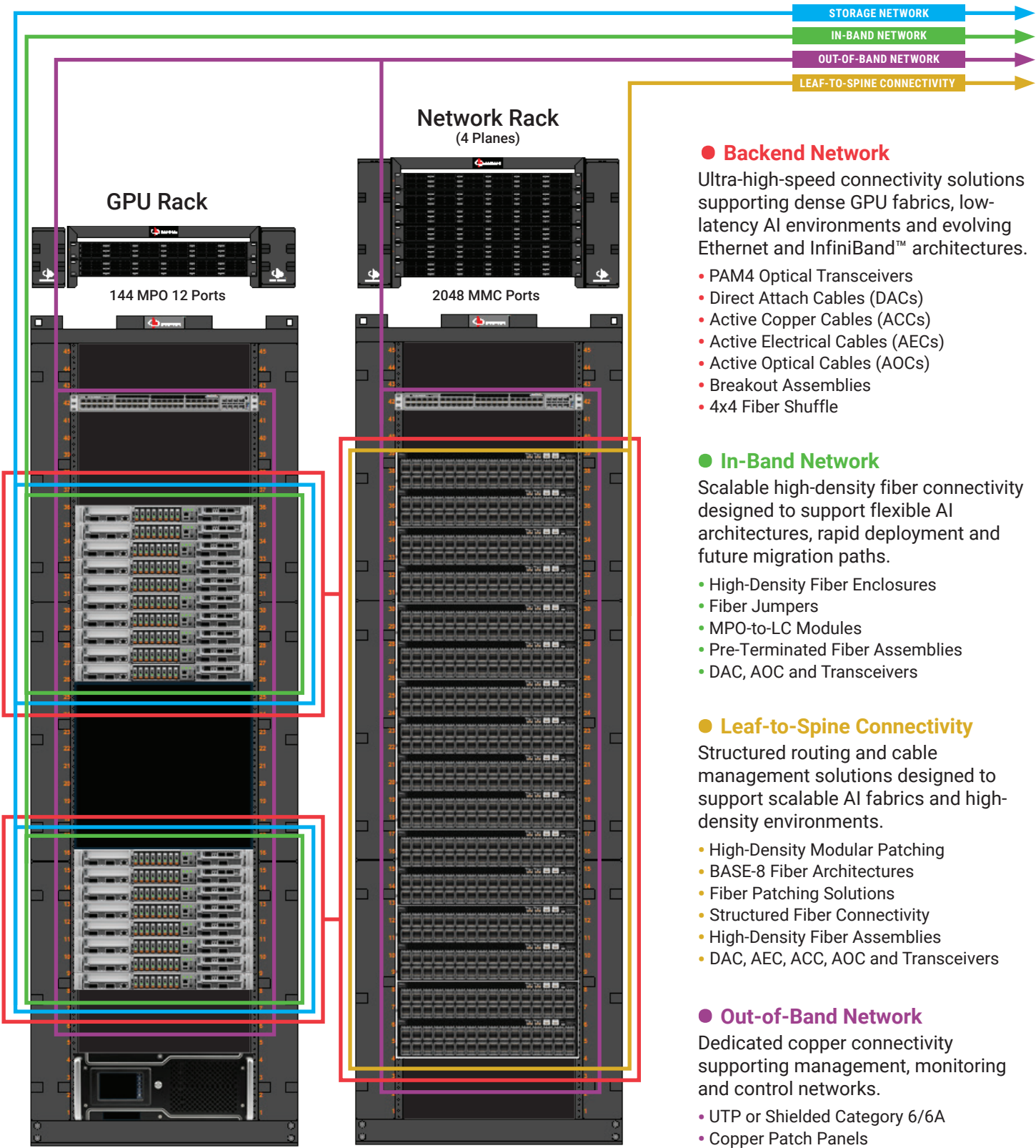
Enabling Scalable Cloud Environments

Cloud and AI environments continue to scale to support increasing bandwidth demands, higher-density deployments and growing east-west traffic across large-scale infrastructures. As architectures evolve, structured connectivity plays a critical role in supporting scalability, deployment efficiency and long-term operational consistency across GPU, compute, network and storage environments.

Siemon supports cloud data centers with end-to-end fiber and high-speed connectivity solutions for scalable infrastructure. From high-density fiber systems and modular structured cabling capable of supporting emerging terabit network architectures to high-speed interconnects for today’s highest-speed deployments, Siemon helps operators establish repeatable deployment models, plan future migrations and support long-term growth. With global logistics, technical expertise and a worldwide network of certified installers, Siemon helps streamline deployment across multi-site environments while supporting consistent, scalable infrastructure expansion.

Supporting Modern Cloud Architectures

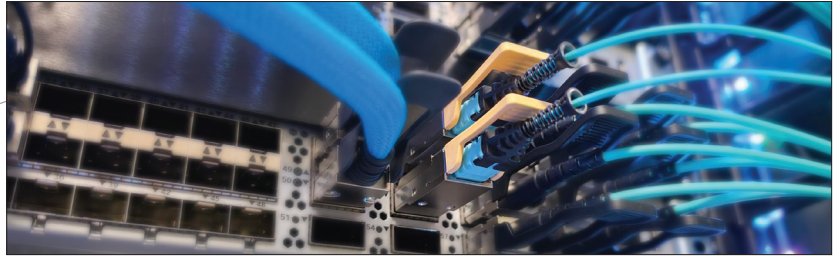
End-to-End Cloud Connectivity	Fiber, copper and high-speed connectivity solutions, including transceivers, designed to support any cloud architecture.
Multi-Vendor Interoperability	Connectivity designed to integrate seamlessly across Ethernet and InfiniBand™ architectures, supporting leading cloud networking platforms.
Future-Ready Infrastructure	Modular connectivity supporting increasing bandwidth demands, phased expansion and long-term infrastructure growth.



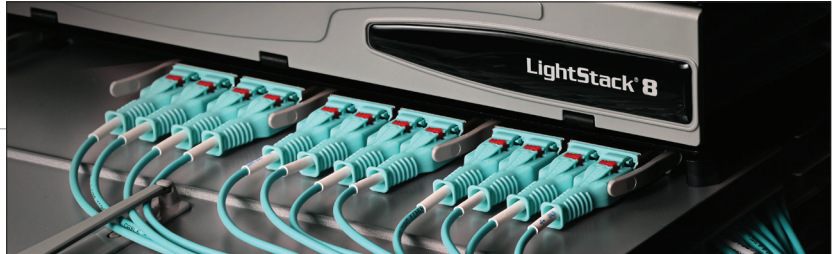
Complete Solutions for Modern Data Center Environments

End-to-end fiber, copper and high-speed connectivity solutions supporting enterprise, cloud and AI-driven infrastructure environments.

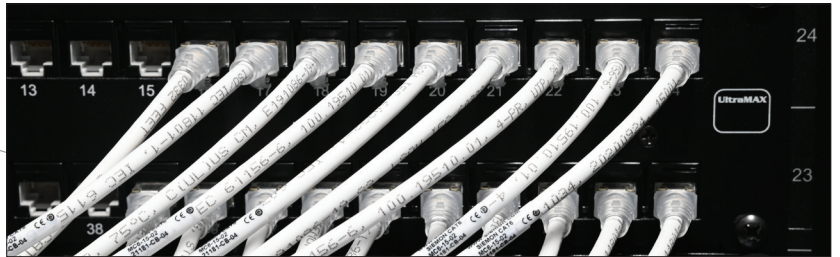
High-Speed Connectivity



Fiber Connectivity



Copper Connectivity



The Siemon Standard: Quality, Expertise & Innovation You Can Trust

Connectivity Engineered for the Most Demanding Data Center Environments

End-to-end fiber, copper and high-speed connectivity supporting enterprise, cloud and AI environments.

Performance You Can Trust at Scale

Third-party verified solutions engineered to deliver consistent performance across demanding, high-density environments.

Expert Support. Delivered When it Matters.

Design expertise, technical support and global operations helping keep projects on track from planning through deployment.

Build Smarter, with Long-Term Impact in Mind

Efficient infrastructure designs and responsible manufacturing supporting long-term environmental goals.



For more information visit:
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