

Built to Scale. Ready for AI.

ePlus and Ciena collaborate to design and deploy private optical networks built for the scale and speed of modern data demands, backed by expert support.



Data is reshaping every industry and putting new pressure on enterprise networks. As workloads become more distributed, organizations need faster, more reliable interconnect between applications, data, and users. Traditional backbone infrastructure was not built for this level of throughput and latency. Moving data at this scale requires a fundamentally different network foundation.

Across healthcare, financial services, manufacturing, and beyond, forward-looking enterprises are reaching the same conclusion: **the path to success runs through the network.**

Organizations that move fastest will be the ones that control their own infrastructure without the added complexity of building it alone. That means building smart, scalable, purpose-built optical networks that support AI traffic across compute, storage, and security layers.

As a Ciena Service-Accredited Partner, ePlus helps enterprises design, deploy, and support private optical network infrastructure over dark fiber, giving your organization the performance, control, and scale of your own network, delivered with the expert support to make it happen seamlessly and cost-effectively.

Use cases

- High-performance Data Center Interconnect for any environment including AI training
- Regional and multi-regional optical backbones for distributed workloads
- High-throughput data movement for analytics, replication, and AI pipelines
- Network modernization to support hybrid cloud, data repatriation, and edge AI environments



Lower total cost of ownership

Better fiber utilization and energy efficiency significantly reduce long-term infrastructure costs.



Faster time to production

Validated designs, integrated delivery, and enablement get your network live sooner.



Reduced risk

Lifecycle services and operational expertise protect your investment at every stage of the journey.



Future-ready architecture

Built to scale alongside your growth—the right foundation for today and the road ahead.

The ePlus + Ciena advantage

The explosion of data is putting new pressure on enterprise networks, and success depends on infrastructure that can keep up. Too many enterprises are leaving performance on the table because their infrastructure wasn't designed to meet the demands of modern workloads. Moving AI models closer to applications, handling massive data flows, and maintaining low-latency performance requires a foundation that most traditional networks can't provide.

ePlus and Ciena bring together the best of both worlds: Ciena's world-class optical networking technology—including the industry's first 1.6T WaveLogic 6 coherent optics, delivering 50% more capacity at 20% less power per bit—with ePlus's proven advisory, design, deployment and enablement experience for enterprise infrastructure. Together, we give your organization a network that's faster to deploy, easier to operate, and built to scale with your needs.

Scalable optical foundation

Purpose-built, high-speed, low-latency connectivity designed from the ground up for AI training, inference, and large-scale data movement across your enterprise environment.

Private network ownership

All the control and performance of your own infrastructure, delivered as a service. You get the advantages of a private optical network without the burden of running it day-to-day.

End-to-end architecture

Custom network architectures designed for your environment and implemented across data center interconnect, regional optical backbones, hybrid cloud, and edge connectivity.

Proven technology at the core

Powered by Ciena's WaveLogic 6—the world's first 1.6T coherent technology—and backed by photonic integration and open networking platforms built for the next generation of AI-driven traffic.

With you every step

We equip your team with hands-on training and expert advisory support, so you can operate with confidence.

Long-term partnership

From initial envisioning through deployment and ongoing optimization, we are invested in your success and grow with you as your infrastructure and business needs evolve.

Scale With Confidence.

ePlus and Ciena take the complexity out of modern networking, so you can focus on realizing the full value of your data.

Together, we deliver high-capacity, low-latency private optical networking for mission-critical data interconnects. We provide the support needed to keep your infrastructure optimized for scale and help you navigate technical challenges with confidence.

Get started:
Data Transport Analysis

We'll help you assess your current data flows and interconnect architecture, quantify the impact, and identify where performance and efficiency can be improved.



bit.ly/ePlus-scale

Contact us to
schedule today.