XIGENT
Result Driven IT

Build an AI-Ready Data Center with Xigent + Cisco
Modernize Your Network, Secure Your Data, & Get AI-Ready Without Overloading Your IT Team

AI Is Changing How Your Data Center Works

AI workloads place new demands on your network, storage, and security. Traditional data center designs struggle to keep up with high-density compute, massive east-west traffic, and real-time data flows. To move from experimentation to production AI, your organization needs a network and data center that are ready for what's next.

Exploding Data Volumes
Your organization is generating and moving more data than ever—across users, applications, and locations.

New AI Workloads
Training and inference workloads demand low latency, high throughput, and predictable performance.

Increased Security Risk
More data, more access points, and more tools create new attack surfaces for cyber threats.

Pressure on Lean IT Teams
Mid-market IT teams must support AI initiatives with limited headcount and time.

What an AI-Ready Data Center Requires

To successfully support AI, your organization's data center and network should be:

Scalable & High-Performance Network
▶ Modern spine-leaf or fabric architectures to support GPU clusters and high-density compute
▶ High-bandwidth, low-latency connectivity for AI training and inference traffic
▶ Consistent policy from the core to the edge and cloud

Secure by Design
▶ Zero-trust principles for users, devices, and workloads
▶ Segmentation and policy controls that follow applications wherever they run
▶ Integrated threat detection and response across your on-prem and cloud environments

Hybrid & Cloud-Connected
▶ Seamless connectivity between your on-prem data center, colocation sites, and cloud providers
▶ Visibility into application performance and user experience across all locations
▶ Flexible consumption models that let you scale AI infrastructure as needs grow

Observable & Automated
▶ End-to-end visibility into network, application, and AI workload performance
▶ Automation for configuration, policy, and lifecycle management to reduce manual tasks
▶ Insights that help you troubleshoot faster and plan capacity more accurately

**Cisco's AI-ready data center solutions provide the foundation.
Xigent helps you design, deploy, and operate them for your unique environment.**

The Journey & Process
Xigent Guides Your Organization Through a Roadmap to Move from AI Curiosity to AI Production

① Assess
▶ Evaluate your current network, data center, and security posture
▶ Identify gaps impacting AI readiness, performance, and resilience
▶ Prioritize quick wins and longer-term transformation opportunities

② Design
▶ Align Cisco's AI data center capabilities with your business and IT objectives
▶ Design a scalable, secure network architecture for AI workloads
▶ Plan integration with your existing tools, clouds, and operational processes

③ Deploy & Optimize
▶ Implement Cisco networking, security, and observability solutions using best practices
▶ Migrate and onboard AI workloads with minimal disruption
▶ Continuously tune performance, security, and operations as your AI initiatives grow

Why Choose Xigent for AI-Ready Networking?

▶ **Cisco-centric Expertise:** Deep experience with Cisco Networking and AI Data Center architectures, from design through implementation
▶ **Proven AI and Modernization Projects:** Hands-on work modernizing legacy networks and data centers so they can reliably support new AI initiatives
▶ **Purpose-built for Lean IT Teams:** Engagements structured to minimize disruption while meeting strict uptime and compliance requirements

Start with Xigent's Complimentary AI Ready Network Assessment to understand where your network and data center stand today and what it will take to support AI tomorrow.

Ready to See If Your Network is AI Ready?

Reserve your Complimentary AI Ready Network Assessment with Xigent

Visit **www.xigentsolutions.com/cisco-network-assessment**
or call **(800) 298-9543** to book your assessment today

Scan the QR code to learn more!