Lumen® Managed & Professional Services

Edge & Applications

Accelerate value and innovation with consistent advisory, project and ongoing support service delivery from edge to cloud to data center

Data frontiers are expanding outside the data center, and expectations for innovation have recentered on software and digital experiences. New architectures must meet increased availability and performance demands, but building them is challenging, as IT wrestles with on-prem infrastructure and multiple public and private cloud environments in search of enhanced speed and scalability and low-latency edge computing solutions that can help your business innovate faster and deliver exceptional user experiences.

76% of heads of IT say it is challenging to find the right balance between business innovation and operational excellence.[1]

Lumen Managed & Professional Services

The Lumen advantage

Our Edge & Applications practice provides consistent, optimized infrastructure services across new and legacy landscapes. Take the worry from your workloads with our advisory, project and ongoing support services, which leverages the Lumen network to build and run reliable, secure and flexible solutions designed to enhance user experiences, lower total cost of ownership and drive growth.

In order to succeed, you must be prepared to address:

Performance issues: It's exceedingly difficult to ensure scale and minimize latency as you expand your mobile and remote presence toward the edge.

Expensive unpredictability: New systems can take performance hits when they're scaled, especially in edge scenarios. Emerging new-generation applications need to live where they will perform best, in the best execution venue and with the lowest latency given the compute power required.

IT inertia: You must minimize the burdens of managing technical debt while simultaneously becoming more responsive. Having to maintain new and legacy skill sets saps resources and budget.

Daunting data barriers: Increased system diversity makes it more complicated to access, collect, store, manage and manipulate sufficient data from the cloud to the edge to get the insights you need for contextual user experiences.

LUMEN®

What we do:

Provide a low-latency global foundation: Our reliable worldwide fiber network of nearly half million route miles has edge facilities covering 97% of US business demand within 5ms of latency. There are more than 2,200 public and private data centers connected to the network.

Deliver broad service enhancements: We deploy tried and true practices with a proven framework and expertise to help ensure data availability, application performance, resource and network orchestration, risk management—and, ultimately, exceptional customer experiences.

Speed your business: We help you accelerate the data lifecycle, boost app performance and help drive revenue growth with our low-latency, distributed compute services.

Craft a complete offer: Lumen is your single source for device, data center, cloud and communications design, specification, deployment and management—including technologies, utility and services.

What we offer:

Advisory engagements
- Business and systems transformation review
- Distribution for best execution cloud venues – Edge
- Surveys, assessments and discovery

Project-based efforts
- Analysis, planning and design
- Deployment and migration of edge workloads
- Cloud-service modernization and rationalization
- Business intelligence modernization
- Migration and modernization of data warehouses to cloud, on-premises Big Data to BDaaS
- Development of next-generation data structures, analytics and predictive systems
- Transformation and cloud enablement
- SAP S/4HANA upgrades and greenfield implementations

- Cloud-based application implementations
- Web applications, customer portals and greenfield mobile
- DevOps consulting

Ongoing support
- Application management, monitoring, performance assurance including SAP, etc.
- Application support, technical and basis management
- Incident management/upgrade and enhancements
- IT service environment takeovers
- Hybrid infrastructure and application operation and management
- End user service desk
- Multi environment orchestration

Leverage the edge-first architecture on one of the largest, most deeply peered networks in the world. Our fully integrated stack of compute, cloud, storage, networking, CDN, security and orchestration makes it easy to scale up resources to the capacity, bandwidth, latency and number of locations your edge solution demands.

Lumen Partners

aws | Azure | SAP | vmware® | cisco | IBM

Google Cloud | D&LL Technologies

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