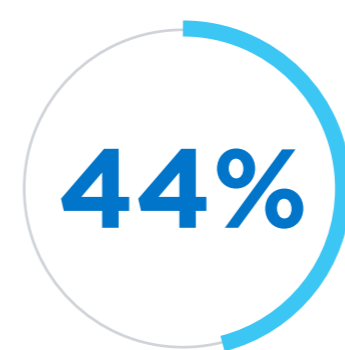


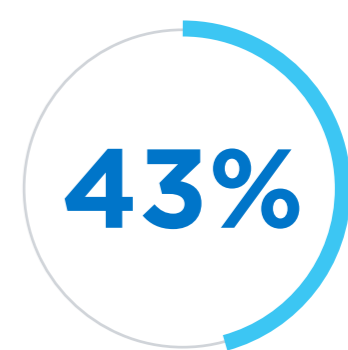
BOOSTING SAP BENEFITS ON GOOGLE CLOUD



of business innovation will require public cloud services by 2022¹



of businesses plan to engage a partner with cloud platform expertise²



of businesses using/planning to use public cloud are using it for production applications²

Many SAP customers need help from an experienced partner to tackle these challenges.

They're facing:



Rising capital costs



Lack of migration and expansion agility



Complexity and workload overlap

How Lumen helps you navigate common SAP challenges

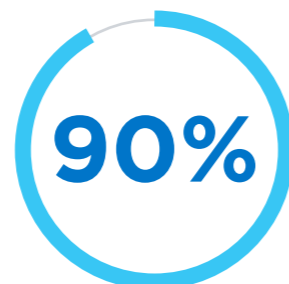
New SAP instances and migrations

Challenges:

- Installing/seamlessly migrating SAP to cloud for improved performance
- Scalability, reliability, and security

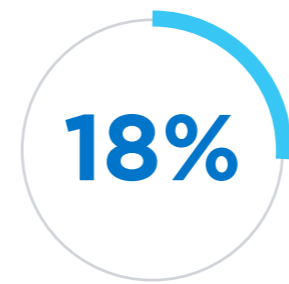
How Lumen can help:

- Cloud readiness assessment
- SAP application deployments
- Workload migrations



of organizations surveyed cited a skills shortage in cloud disciplines²

Moving to S/4HANA



Only 18% are currently deploying S/4HANA migrations²

Challenge:

- Deploying planned S/4HANA migrations

How Lumen can help:

- Assessments and architecture planning
- Template-based S/4HANA deployments
- Tailored management on Google Cloud Platform

Extending SAP with data usage

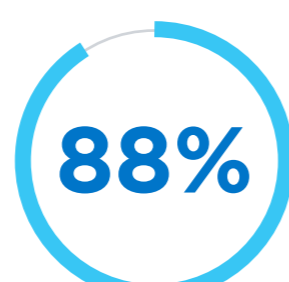
Challenge:

Extend the value of your SAP applications with:

- Analytics
- Real-time data streams
- Machine learning

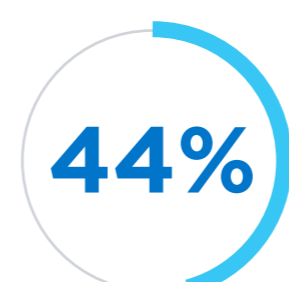
How Lumen can help:

- Migration/deployment of HANA and other data warehouses
- On-going management and optimization



of businesses cite faster access to data for analysis on hybrid/modern cloud³

Divestitures and acquisitions



lower capex costs after leveraging Lumen[®] Hybrid Cloud solutions⁴

Challenges:

- Migrate existing SAP instance and data to the cloud and continue use
- Retire existing SAP instances but retain data access

How Lumen can help:

- Virtualize SAP instances
- Migrate SAP instances

Lumen® Center of Excellence for Google Cloud

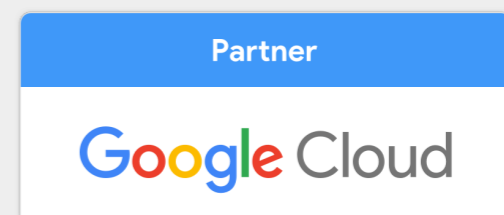
Shift SAP applications to the cloud. Integrate machine learning. Enrich your enterprise data. Whatever your goals, you can maximize SAP applications and SAP HANA on Google Cloud with the fastest, most secure network platform for next-gen business applications and data.



-450,000 route miles of fiber, and the capability to connect customers to network services in 110+ countries



SAP Global Platinum Partner for 20+ years



Google Cloud Partner 35+ Platform certifications

The Lumen Center of Excellence for Google Cloud is a highly skilled team of Google Cloud architects and engineers who can deploy your SAP workloads to the cloud. It's all backed by on-demand, high-bandwidth connections to Google Cloud Platform delivered by Lumen through our reliable global fiber network.

[Learn more about the Lumen Center of Excellence for Google Cloud.](#)

Sources:

¹ Gartner, Predicts 2019: Increasing Reliance on Cloud Computing Transforms IT and Business Practices, December 2018.

² G2 Cloud Transformation & Managed Services: 2020 Preview, 451 Research, February 2020

³ The Enterprise Guide to Improving Business Outcomes with Hybrid Cloud, Cloud Connections, and Managed Cloud Services IDG, January 2020

⁴ IDC Business Value of Lumen Solutions for IT Agility sponsored by Lumen, February 2020