

# DATA CENTER QUALITY STANDARD

## ADDRESSING QUALITY RISK IN A RAPIDLY SCALING DATA CENTER MARKET

Today's supply chains are under strain. Reshoring, near-shoring, and evolving tariff policies are introducing new suppliers and facilities, many with limited experience in delivering high-reliability components. The result?

- Increased variability in product quality
- Redundant qualification processes
- Delays in deployment and integration
- Erosion of ROI and innovation velocity

Google and the Telecommunications Industry Association's (TIA) are partnering to develop a Data Center Quality Standard initially focused on physical infrastructure. Administered by TIA and grounded in decades of technical leadership through the QuEST Forum, this standard will draw on over 20 years of empirical field data and process-based quality system development. TIA QuEST Forum is globally recognized for its role in advancing certifiable quality management systems that have delivered quantifiable improvements in product reliability, service consistency, customer satisfaction, and operational efficiency across the ICT sector. This initiative will leverage proven methodologies to:

- Define a common framework for quality trusted by operators, customers, and regulators
- Streamline supplier qualification and reduce duplicative audits
- Establish a shared vocabulary and process set for consistent performance
- Address uptime, sustainability, and lifecycle management—core metrics for operational excellence



## WHY IT MATTERS

This initiative offers a structured path to mitigate risk, improve interoperability, and align with global best practices. By participating, you'll help shape a standard that reflects real-world operational needs and supports scalable, high-performance infrastructure.

## WHO SHOULD ENGAGE

- Quality managers and compliance leads
- Data center operators and infrastructure teams
- Equipment manufacturers and suppliers
- Engineering and construction firms and infrastructure experts
- TL 9000 practitioners and QuEST Forum members
- Accreditation and Certification bodies

## JOIN THE WORKING GROUP

Contribute your expertise to a standard that will define the next generation of data center reliability. Contact [membership@tiaonline.org](mailto:membership@tiaonline.org) to get involved.