

DATA QUALITY MANAGEMENT

Data integrity services to ensure accuracy, reliability, and security for improved decision-making and operational efficiency



DATA QUALITY MANAGEMENT SERVICES

DATA QUALITY MANAGEMENT EXPERTISE

Celerity places a strong emphasis on Data Quality Management Services to ensure that data accuracy, reliability and security aligns with improving decision-making and operational efficiency. Leveraging extensive DQM experience and expertise, Celerity's quality management team provides specialized services rooted in engineering best practices and regulatory compliance, providing substantial value to operators .

ASSET INSPECTIONS AND INVESTIGATIONS

Celerity Asset Inspections and Investigations services include meticulous evaluations of infrastructure, checks on structural integrity, operational efficiency and compliance with safety standards. Comprised of visual inspections, integrity tests and data analysis, we help clients ensure reliability, safety and regulatory adherence for identifying potential risks, preventing failures and maintaining optimal performance.

DATA ANALYTICS

Celerity's Data Analytics services involve leveraging advanced data analytics techniques to enhance the integrity and reliability of critical infrastructure. Using both qualitative and quantitative methods, Celerity extracts meaningful information, aiding in decision-making, forecasting and optimization of strategies. Celerity uses data analytics to transform client raw data into actionable insights.

DATA COLLECTION

Celerity's Data Collection services involve systematic and comprehensive gathering of data related to the condition, performance and integrity of critical infrastructure. Essential for utilities to ensure the reliability, safety and compliance of their assets, Celerity designs methodologies, deploys tools and organizes the obtained information for deep analysis. Our process ensures the acquisition of accurate, relevant, and timely data essential for generating insights, making informed decisions or conducting research.

INFRASTRUCTURE READINESS STATE ASSESSMENTS

Celerity Infrastructure Readiness State Assessment services involve seamless combination and analysis of multiple diverse datasets to ensure the reliability, safety and compliance of critical infrastructure. Utilizing techniques and technologies that facilitate seamless data flow between disparate systems, these processes include combining and harmonizing data from different sources and formats into a unified, coherent structure, enabling businesses to create a comprehensive view of information.

MAOP ANALYSIS

Celerity MAOP (Maximum Allowable Operating Pressure) services include assessing systems to determine the highest pressure at which they can safely operate, including material strength, design specifications, operating conditions and regulatory standards. MAOP analysis ensures compliance with safety regulations, identifies potential weaknesses or risks and helps establish maximum safe pressure levels for operation, minimizing the likelihood of failures or accidents.

WHY CELERITY DATA QUALITY MANAGEMENT?

Celerity excels in Data Quality Management, emphasizing streamlined processes to enhance operational efficiency by reducing errors and inconsistencies in data. Our expertise ensures informed decision-making based on reliable data, while also identifying and mitigating vulnerabilities within data systems or processes.

- **Streamlined Processes** - Reduces errors, redundancies and inconsistencies in data, leading to more efficient operations
- **Informed Decisions** - Ensures decisions are based on reliable and accurate data, leading to better strategic choices
- **Identifying Vulnerabilities** - Helps identify and address potential risks or vulnerabilities in data systems or processes
- **Interoperability** - Facilitates seamless integration of data across systems or departments, promoting collaboration and data sharing



ABOUT CELERITY

Celerity is an agile risk optimization company that helps public utility organizations convert complex data into clear, actionable intelligence to mitigate risk, optimize assets and maximize project results.

Blending extensive client experience with deep vendor-side acumen, Celerity energy engineers orchestrate precision data analysis, strategic consulting and project management services to solve complex energy challenges via acute listening, proactive thinking and relentless grit.

Based in Walnut Creek, CA with remote offices nationwide, Celerity energy engineers perform a critical, leadership role as strategic liaison between data, assets and the teams that make projects happen in the field.

ENGAGE

To learn more about Celerity Data Quality Management services, team and approach, contact our sales team at 866.224.4333, info@consultcelerity.com or at www.consultcelerity.com.