Risk Assessment

Automate the assessment, display, and reporting of the condition, risk, and criticality of all assets.

Executives in energy, utilities and other industries face unparalleled change due to accelerating technological advancement, constant business process innovation, aging infrastructure, a shift in workforce demographics, constrained budgets, and regulatory flux. Today’s infrastructure leaders face daunting challenges in managing risk holistically, whether across their infrastructure or across time. Holistic risk management is vital for ensuring organizational stability, high reliability and optimal financial performance.

By adopting a holistic enterprise asset management approach, utility leaders can better align their people, processes, and technologies to clear, well-defined strategic objectives and performance outcomes. The ability to manage assets holistically can benefit organizations through reduced costs and risk, enhanced customer service, and improved customer satisfaction.

Risk identification, evaluation and mitigation.

Atonix Digital™ develops and offers a suite of software solutions that help businesses and organizations with large infrastructures reduce costs, boost efficiency, improve planning confidence, and strengthen day-to-day decision-making.

Atonix Digital Risk Assessment, powered by ASSET360®, automates the assessment, display, and reporting of the condition, risk, and criticality of all assets. This automation is vital for empowering organizations with the ability to make informed decisions. Understanding the probability of asset failures helps organizations mitigate the risks associated with aging assets, whether measured in costs, the time needed to perform repairs or replacements, health and safety hazards, compliance violations, or reputation damage. By quantifying and evaluating the risks posed by the potential failure of assets over time, organizations can formulate more effective operating and maintenance procedures, plan capital rehabilitation or replacement projects with greater confidence, and improve safety, service quality, and productivity.

Risk Assessment helps infrastructure managers and other stakeholders manage the challenges posed by aging infrastructures, an aging workforce, and evolving regulatory requirements. The SaaS product gives managers new, automated, and intelligent tools for maintaining operational stability, reliability and financial performance.
Key Benefits

- **RISK IDENTIFICATION, EVALUATION AND MITIGATION:** Accurately assess the likelihood of asset failures and their consequences.
- **ASSET VALUE APPRAISAL:** Understand the contributions of assets as related to key organizational objectives, including financial, environmental, social, quality of service, and performance metrics.
- **WEIGHTED AND CALCULATED RISK:** Ascertain the risk criticality associated with your assets as they age, to make informed financial and safety decisions.
- **DATA SECURITY:** Ensure all data is safe and secure, to guard against unwanted actions and unauthorized users.
- **OPTIMIZED CAPITAL INVESTMENT:** Improve financial decision making by incorporating asset risk and criticality data.
- **HIGH RETURN ON INVESTMENT:** Achieve high ROI by reducing risks, reducing costs, improving service quality, and increasing customer loyalty.

Risk Assessment provides infrastructure engineers and other stakeholders with a holistic view of their asset risks via scorecard, matrix, and geospatial views.

Key Features

- **RISK SCORECARD:** Risk Assessment provides a visually compelling and intuitive risk scorecard of all assets, allowing organizations to make informed decisions for maintenance, retirement, and replacement.
- **GEOSPATIAL RISK:** Geospatial risk is a robust risk assessment tool that enables organizations to look across geographies to better understand the likelihood and consequences of asset failure.
- **ASSET REGISTRY:** The asset registry leverages an extensive library of asset models to list of all assets along with all pertinent details about the role, value, and risks of each.
- **RISK ACROSS TIME:** The intuitive time-slider feature lets organizations quickly and easily understand how risk scenarios change over time.
- **SCALABLE, HIGHLY AVAILABLE ARCHITECTURE:** SaaS architecture, delivery, and deployment for high responsiveness, availability, and scale, with secure multitenancy by design.
- **WEB-BASED DEPLOYMENT AND CONFIGURATION:** Convenient web-based deployment with roles-based access control for security and accountability and detailed logging of all operations.

To learn more about Atonix Digital and our Risk Assessment product, visit:

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