



Software Solution for Asset Analytics

Water, Waste Water & Sewage

Water companies find themselves in a complicated and evolving landscape. They must respond to cost pressures and explore new technologies while maintaining their existing infrastructure of physical assets. This requires analytics, optimized lifecycle planning and risk assessment to develop and prioritize a defensible, capital plan. Riva's infrastructure asset software solutions can help accomplish this efficiently and effectively.



Riva is the leading provider of integrated software and services for asset planning and management solutions, aligned to clients' business processes, and addressing any asset type. Organizations from the public and private sectors rely on Riva software to strategically manage their physical assets and infrastructure, and maximize the value and use of their capital investments.



Asset Analytics Software Solution

Summary

Asset-intensive businesses within the Water sector rely on physical assets to deliver products and services to their customers. Enhanced asset management insures peak performance while reducing costs. Riva Asset Analytics software gives your business immediate, relevant feedback on the performance of all your assets. Advanced analytics customized to your business processes transform data from asset management, metering, and sensor systems into actionable insight and foresight. This real time analysis helps guide the management of strategic assets. It is also valuable for developing customer and business models. Riva Asset Analytics can be used in all phases of the asset lifecycle from early detection of risks to long range budgeting. It is designed to meet the needs for functionality, scalability and security of mid-sized and large enterprise organizations.

Business Challenges

- Convert large volumes of data into relevant, actionable information.
- Calculate and track key performance indicators.
- Identify, respond to, and track adverse events in real time.
- Mitigate the risks of physical failure or penalties in a highly regulated industry.

Key Features

- Integration - Allows you to model using current data, extracted in real-time from your key data sources including geospatial (GIS) and Enterprise Resource Planning (ERP) enterprise systems.
- Modeling - Build custom models to match your operating environment.
- Key Performance Indicators (KPI) - Identify, create and track KPIs customized to your corporate goals.
- Dashboards - Customizable views that provide an intuitive, easy to digest visual presentation of your results.
- Reports – Generate actionable, dynamic, and formatted reports with drill down capability.
- Regulatory and Compliance Reports – Deliver detailed and customized reports matching regulatory and compliance requirements.
- Ad-hoc reports - Accommodate ad-hoc search queries that quickly filter and return the required results.
- Mobility – Provides access to current information anywhere, anytime.



Business Benefits

- Accuracy - Forecast and view asset risks based on “what-if” or scenario analysis.
- Real-Time - Allow near real-time asset operations risks and maintenance requirements to be identified and prioritized for each of any of your group of assets.
- Criticality Identification – Evaluate the impact of events in advance, helping to prioritize projects and investment requirements.
- Risk Management – Full asset life cycle analysis in real-time to identify and mitigate pending and future risk up to 100 years and beyond.
- Improved Performance – Better management of all assets, especially aging assets, minimizes the impact of failures on service delivery, and assists in the achievement of your business objectives.

Contact

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Other Riva Solutions

Asset Investment Planning – Prioritize your investment projects based on exploring the near and long term impact of your choices.

Asset Optimization – Get more out of your assets with optimized treatment plans that take risk and service level into account.

