

AssetLens



Value-driven transmission and distribution asset management requires **informed** decision-making. Holistic system analytics and robust algorithms must be designed to **empower those decisions**.

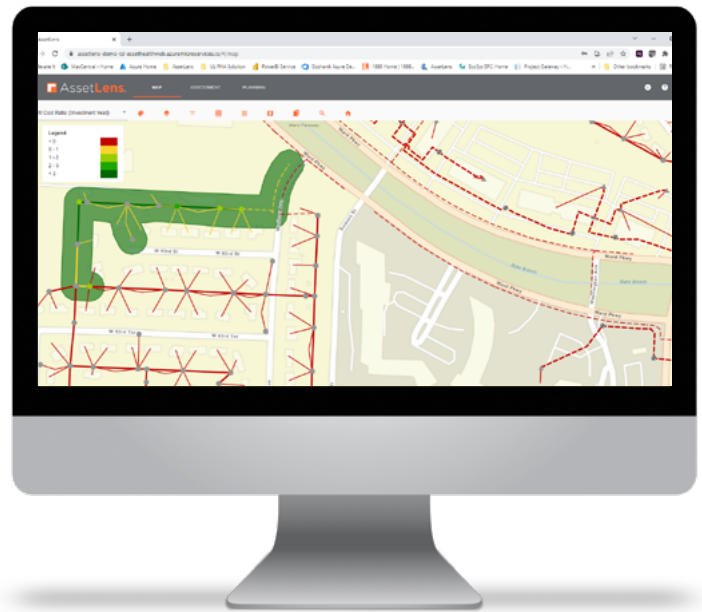
Holistic system analysis with project identification and justification

AssetLens is an asset investment planning solution with informed decision analysis for electrical transmission and distribution (T&D) utilities. It provides the line of sight from assets to projects to programs to overall budget levels, with quantified financial benefits to justify investment to all stakeholders.

Value-based asset management starts with the decisions you make regularly. As a T&D asset owner, making effective decisions is complicated due to the magnitude of assets and the data that describes them, coupled with their geographically dispersed nature. As a result, informed, actionable and value-driven investment decisions require the following considerations:

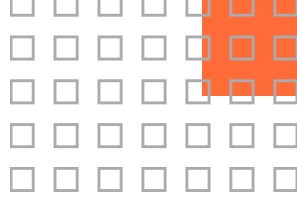
- How assets typically fail and the likelihood of those failure modes.
- Condition of the assets.
- How assets collectively serve customers and impact safe operation of the grid.
- System replacement alternatives (surgical vs. bulk) and their cost.
- Best practice risk- and resilience-based analytics.

AssetLens has been strategically designed to provide asset managers and stakeholders with the necessary information to make decisions that will drive organizational value.



Benefits designed to modernize

6.7%	1.7%	16%	15%	3 months	100%
Decrease customer outages	Decrease reactive costs	Improve staff efficiency	Enhanced value creation	Scalable and flexible	Commission approval
Fewer service interruptions over asset life cycles versus existing approaches.	Significant savings over existing approaches, due to lower life cycle reactive costs.	Data-driven advanced analytics optimizes staff resources in identifying projects.	Investment plans are developed to maximize the value of your system assets.	Quickly scale project identification and adjust with your business priorities.	Track record of 100% approval from commissions for long-term capital investment.



Features built for quick, effective decision-making

Scalable and automated project identification

Develop automatic project scoping and cost estimation in alignment with your grid standards. Scalable to all T&D infrastructure. Users can adjust project scope by adding or removing assets.

Financial project justification

Evaluate project benefits in financial terms, including life cycle avoided reactive costs, customer outages and other business objectives.

Develop long-term investment plans

Establish long-term investment levels and allocations with direct line of sight to projects. Adjust project sequencing and budget levels to evaluate alternative plans as well as how portfolio benefits could be affected.

Robust and proven risk algorithm

Incorporate failure modes, end-of-life curves, and asset health and condition with criticality for direct linkage between assets and customers, normalized across all assets.

Geospatial visualization

Quickly absorb and communicate impacts of decisions to all asset stakeholders. Decrease the time spent planning and engineering projects.

Data-driven

Integrate with your existing data systems to create a business process. Includes several pre-built data cleansers to fill data gaps and provide results in months, not years.

■ Success stories

Evergy is currently using AssetLens to assess the condition and criticality of its electrical distribution system assets and plan its capital projects. Upon seeing its value after an initial pilot, Evergy purchased a software license for its entire distribution system. 1898 & Co. is executing implementation and configuration, as well as providing ongoing support, hosting and maintenance. Project scoping and timing updates will allow Evergy to maintain up-to-date information on its assets and projects, driving ongoing value from AssetLens.

Additional clients include:

- American Electric Power
- Public Service Company of New Mexico
- Oklahoma Gas & Electric
- Tampa Electric
- San Diego Gas & Electric

AssetLens analytics engine has supported electric utilities in identifying and justifying

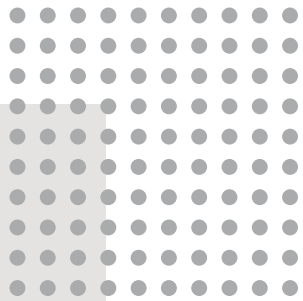
\$10B+

in capital investment.



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For more information, visit 1898andCo.com.

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