



DIGITAL SOLUTIONS

CASCADE™ INSIGHT

Building the broader asset performance management view with visualization and analytics of actionable intelligence on assets and the grid

Power utilities spend a significant portion of their operations and maintenance budget on maintaining the health of critical substation assets. DNV GL has developed a web-based application to provide these critical equipment insights to asset maintenance programs: Cascade Insight.

Cascade Insight turns your data into actionable intelligence

The software provides visibility of your work and maintenance programs, the health and risk of your asset fleet, and the management of your corporate data repository. A lens into the status of your maintenance schedule, your maintenance cost and your high-risk equipment allows you to focus asset management

efforts where and when they are needed, enabling you to drive down costs, meet regulatory compliance demands and reduce costly outages.

Cascade Insight is a web-based application relying only on a web browser for enterprise distribution. Now you can securely extend the intelligence offered by Cascade to an enterprise audience with ease. Extend the value of Cascade to stakeholders, improve operations, reduce risk and manage regulatory compliance. Although Cascade is a relevant and convenient source of data for Cascade Insight, the software can also process, analyse and visualize data from supplemental sources.

Cascade Insight is a business intelligence and analytical platform

Years of customer experience and knowledge is bundled into Cascade Insight. Your investment in Cascade can now be shared throughout your organization by delivering compelling dashboards without the need for full Cascade access or application updates. In addition, you get a flexible platform that can integrate other technical data sets, for example asset or grid data, within the context of asset performance management. You can leverage this data to create your own custom dashboards.

With Cascade Insight, your utility can begin answering critical questions:

- How many high-risk assets exist, and where are they located?
- What is the breakdown of high-risk equipment by equipment type (transformers, breakers, relays, switches, etc)?
- What is the status of maintenance orders? How many are overdue?
- How many equipment, spares, parts locations are there?
- Which location in my system has the largest maintenance cost?
- Where is my largest maintenance cost by equipment category, type, manufacturer and model?
- What is the total amount of forecasted work by year?

Drive your business forward with the data insights and intelligence offered by Cascade to an enterprise audience. Extend the value of Cascade, improve operations, reduce risk and manage regulatory compliance. Reap greater rewards from your investment in Cascade data with Cascade Insight.

CASCADE INSIGHT AT A GLANCE:

- Provides statistical reporting and visual dashboards on entire fleet of transmission and distribution (T&D) assets
- Imports and integrates data, and identifies anomalies in data collection
- Allows you to customize dashboards for specific and changing needs of various stakeholder groups
- Supports short-term operational and longer term business strategies
- Enables overview of maintenance work order status
- Gives notifications of high risk
- Supports financial performance analysis for scenarios such as maintenance cost and forecast

