DIGITAL SOLUTIONS

CASCADE™
Viewer module

Quick access and transparency into the lifecycle of your electric utility asset data

Increase the value of your asset data
For over two decades Cascade has been the technical solution of choice for utilities and regarded as the single source of truth for optimizing asset life and reliability. Now Cascade customers can gain even more value from their asset lifecycle data.

At DNV GL, we understand that asset performance management involves many stakeholders across the utility and does not stop at the assessment of data. Asset management success is enhanced by enabling a near real-time look into the asset lifecycle in the context needed by various stakeholders.

What is Cascade Viewer?
Cascade Viewer is a web-based solution to quickly and easily find and view your asset lifecycle information. Cascade Viewer enhances operational efficiency and decision support with self-service access into your asset's technical and operational attributes, pending maintenance, inspections, and maintenance history. The system is deployed with industry standard secure web services as an on-premise solution where user access is centrally administered. This ensures that only authorized employees have access to Cascade Viewer.

Asset lifecycle data on-demand
Operational efficiency is improved when stakeholders across various departments, including engineering, planning, operations and asset management, have quick access to asset details. In many cases, requests for data are situation and asset-specific, getting into details not provided through broadly distributed reports or software access.

Cascade Viewer brings vital information of your assets to your stakeholders with ease. It is connected to your Cascade asset performance management system and supports on-demand access to the latest information, details and history of your assets. Its intuitive user interface of context-specific displays eliminates the need for data requests and custom reports.

Intuitive searching and display of asset information
Managing the performance of your assets involves technical details, summarized views and workflows relating to inspections, technical diagnostics and maintenance program criteria. While Cascade is uniquely designed and tailored to manage these work-flows, data requests are often much simpler in nature. Cascade Viewer is specifically designed to be intuitive to find and access the most common information needed for simple asset requests.

Finding specific asset information is supported by intuitive search methods including location and equipment hierarchies, free form text search and map-based views of search results. Information displays are conveniently organized into location, asset, and maintenance overview displays, with key data and summarized information, with ability to drill further into specific details if needed.
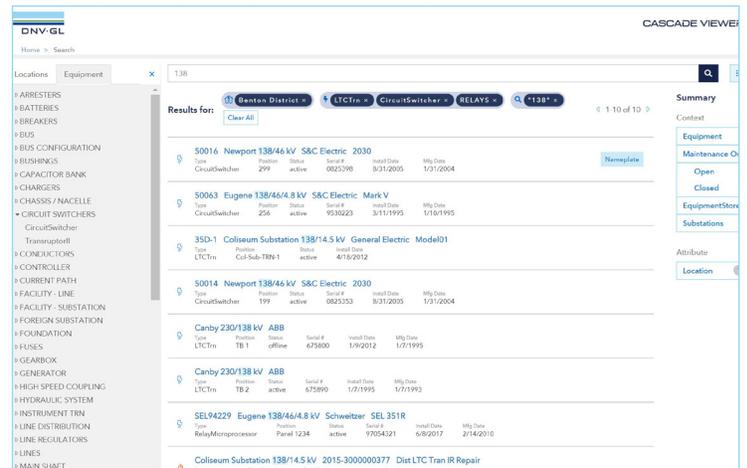
Secure and up-to-date information

Application and information security is essential to your business and this is carried through to Cascade Viewer. Sensitive asset information exclusive to Cascade system users is restricted from Cascade Viewer. With authorized access to Cascade Viewer, stakeholders can be confident in finding the most recent, up-to-date information on your assets as data is updated in Cascade. The web-based architecture of Cascade Viewer ensures up-to-date access to asset data without impacting the system performance for those working in Cascade. The result is efficient and confident decision-making for situations where asset information is needed right away.
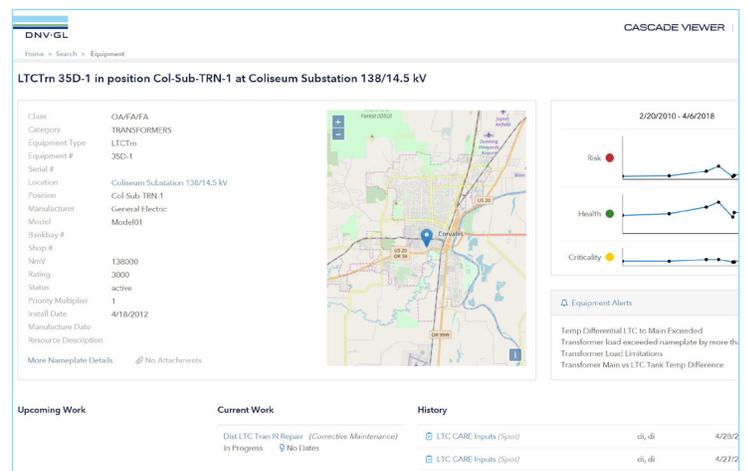
Easy to deploy and use

Cascade Viewer is easy to deploy and use. It can be deployed into your existing Cascade production environment without disruption and requires limited investment of IT resources and time. Since it is a 'read-only' application, there is no risk to your production implementation of Cascade.

What you get with Cascade Viewer:

- Secure and high performance system with dedicated read-only data store
- Web-based self-service access for quick response and reduced ad-hoc information requests
- Intuitive summary views and transparency into asset lifecycle information for decision support
- Authorized user administration from Cascade
- Integrated search by hierarchy, map and text search with intuitive filters
- Find assets and maintenance by EAM/ WM reference
- View asset settings, test results, images, and more
- View asset alerts and stakeholder comments
- Location overview of assets, alerts, and pending maintenance
- Access to asset health and risk trends, technical attributes, alerts and comments
- Integrated views of asset maintenance, inspections, and diagnostics lifecycle and details

Search results

Equipment overview

Technical specifications

- Compatible with:
  - Cascade v3.51 or later release
  - Modern and secure web browser
- Customer-hosted environment*
  - Database service
  - Application web services
- Managed service (hybrid cloud, etc.) – contact DNV GL

* Customer-hosted environment and server sizing varies based on Cascade core system database scope, size, and usage demands. Consult with DNV GL Digital Solutions team for recommended configuration.