AVEVA

AVEVA LFM NetView

Secure on-demand access to your Trusted Living Pointcloud

A continual drive for operational efficiency combined with a growing abundance of data capture technology is broadening the use of 3D scan data across an asset's lifecycle. What's more, it increases the necessity for reliable and timely 3D capture data or what's referred to as a 'Trusted Living Pointcloud '.

AVEVA LFM NetView empowers all asset stakeholders with access to their point cloud data. Whether on a desktop or mobile device, in the office or on site, AVEVA LFM NetView customers have access to secure global collaboration, even across multiple project teams and partner companies.

SmartGeoMetrics

Overview

AVEVA LFM NetView provides a simple, intuitive way to view 3D capture data and access a trusted 'as-built' and 'as-is' dataset. Projects can be stored and managed locally or as an enterprise solution on the cloud using AVEVA Connect. Optimised for viewing on a desktop or tablet, 3D capture data is also available to a wide range of users no matter their location – in the office or in the field. Projects, and their associated data, are simple to access and any number of stakeholders can concurrently visualise conditions on site and quickly add or extract reliable intelligence.

AVEVA LFM NetView offers an innovative and unique approach to sharing 3D capture data as it connects to a master dataset also accessible by AVEVA LFM Server. This approach ensures that the maximum resolution of 3D capture data is maintained when accessed, enabling remote and rapid access to massive datasets containing an unlimited number of scans. It also allows seamless collaboration between teams working on a single dataset rather than multiple copies of that project.

Business Benefits

Collaboration
Multiple stakeholders can review the data at the same time, enabling users in different offices to carry out interactive, collaborative project reviews, including 3D Markup and Measurements. This avoids having multiple copies of a project in disparate locations.

Productivity
With an accurate representation of the as-built asset, end-users can remotely and rapidly access massive datasets containing an unlimited amount of scan data. As a result, AVEVA LFM NetView reduces the need for stakeholders to make on site visits, dramatically cutting the time and cost incurred by on site survey and inspection to remote assets. Those resources can now be maximised in the office.

Safety
AVEVA LFM NetView extends the usual benefit of minimising time spent on site in hazardous or hard to access environments by facilitating pre-planning and preparation for inspection and maintenance tasks.

Security
AVEVA LFM NetView has security features designed into its core functionality to provide the highest level of security for your 3D data. Alongside all data and communications being encrypted, AVEVA LFM NetView's security is continuously reviewed and tested by performing extreme penetration testing, secure code reviews and threat modelling.

Key Features

Add and import Asset & Project Intelligence

Beyond the ability to import model files for review against the point cloud data, AVEVA LFM Netview also makes it quick and easy to add object 'tags', location identifiers, attributes, comments and links. Users can simply navigate to the area or item they are interested in, select it and start adding intelligence. AVEVA AVEVA LFM NetView intuitively creates attributes as you type. It is also possible for users to mass-import a CSV list of known tags for a project.

On-Demand Access, Anywhere in the World

AVEVA LFM NetView is a ground-up redesign of the on-premise product, utilising the latest cloud technology. Access via Google Chrome, IE11 or Microsoft Edge facilitates optimisation for tablet consumption and enables 24/7 access to your digital asset at your fingertips.

Online/Offline Operation

Offline Mode enables users to download all or part of a project, take measurements and add annotations, and then synchronise back to the master dataset. The lightweight scans are cached locally which provides an ideal solution for performing onsite reviews, inspection work-packs, safety briefings and many more activities.
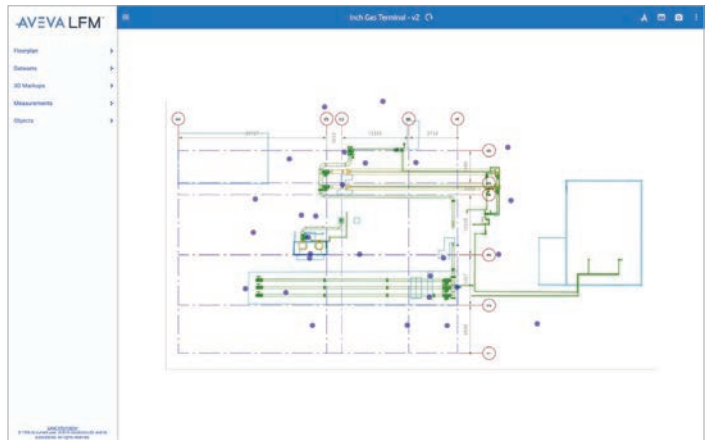
Cloud Enabled

AVEVA LFM NetView is fully supported on the AVEVA Connect platform, providing a trusted, secure and globally accessible option for delivering and accessing your 3D capture project data. Manage users, permissions and data through one common interface. AVEVA LFM NetView utilises the latest cloud technologies to ensure users have access to data where and when they need it by scaling back-end systems up and down automatically in response to usage.

Not only is AVEVA LFM NetView hosted on AVEVA Connect, it can be hosted on-premise on a user's company network as well.

BubbleView with Objects

Floorplan

TileView

HDR Panoramic BubbleView Interface

Combine HDR Panoramic photography with point cloud data to get a scanner's eye view of the scene with precise, pin point selection of data.

Part of a Trusted Living Pointcloud

Unlike any other solution on the market, LFM NetView is seamlessly integrated with LFM software as well as third party hardware and software for 3D data capture and processing, allowing access to massive datasets.

3D Markup and 3D Measurement capabilities

For more information on AVEVA LFM Server, please contact your local distributor, or visit:
sw.aveva.com/engineer-procure-construct/lfm-netview

aveva.com

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