PRODUCT RELEASE SUMMARY
AVEVA LFM NetView 4.2.2.0

Release Date: 27/08/2020

This document outlines all changes made in the above release of AVEVA LFM NetView.

Document Prepared by: Jennifer Copple – Senior Application Consultant
Document Approved by: Ryan Kilmurray – Product Manager
Superseded Software Version: LFM NetView 4.2.1.6

1. AVEVA LFM Version Numbers

AVEVA LFM version numbers take the format X.X.X.X.

- First version field denotes general software series number.
- Second version field is incremented to track major new feature implementation.
- Third version field is incremented to track minor new feature implementation.
- Final (fourth) version field is incremented to track error fixes.

2. Supported Browsers

AVEVA LFM NetView is designed to work with desktops, laptops, tablets, and smartphones. A graphics card/processor supporting WebGL is required.

AVEVA LFM NetView supports the following web browsers:

- Microsoft Edge v25 and above
- Google Chrome

Please note: AVEVA LFM NetView may operate on other browsers but has been optimised and tested for use with the above.

3. Enhancements for this Series

3.1. HD BubbleViews

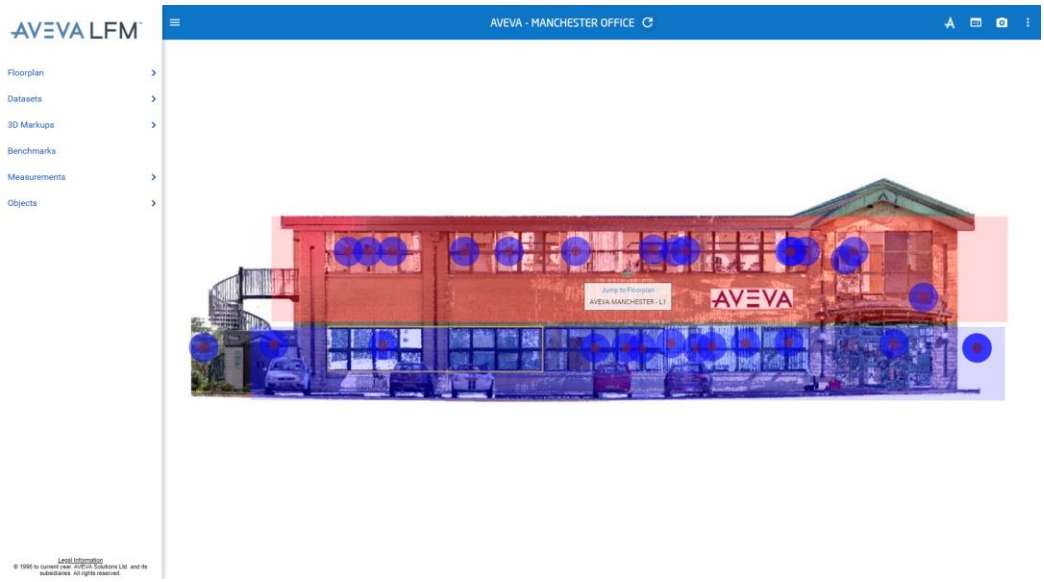
AVEVA LFM NetView on-premise now supports HD BubbleViews in comparable image quality to the source resolution of the scans seen in AVEVA LFM Server

Normal quality BubbleView

HD BubbleView

3.2. Multi-level Floorplans

To aid navigation around complex assets and help users find the exact areas of a site with ease, both AVEVA LFM NetView and AVEVA LFM Server now support Multi-Level Floorplans. Through a simple navigation system which allows users to link together PDF floorplans, users can view any linked floorplan on the parent elevation plan and immediately launch the associated floorplan. This will allow users to quickly and visually navigate to an area of an asset, without having to know scan site names.



3.3. Tools Menu

The new Tools Menu replaces the old PowerWheel. This is an improved way of getting access to commonly used tools such as measurements and markup. This menu is were future features will be housed in order to make them easily available to users going forward.

3.4. AVEVA Engage integration – Scan Site Navigation

The focus of this feature is to improve the integration between AVEVA Engage and AVEVA LFM NetView by utilizing APIs from both products. The feature improves navigation by allowing users to seamlessly move between the two products whilst focused on the areas of the data that are important to them.

3.5. Integrated Windows Autheintication

AVEVA LFM NetView on-premise now supports Integrated Windows Authentication which allows users to log in with their Windows credentials. This streamlines the login process for users as well as allows administrators to maintain a secure userbase.

4. Bug Fixes

Intenal ID	Description	Resolution
LFMNV-1605	Some text fields in the LFM NetView Config Wizard are squashed when using a small screen e.g. laptop.	This issue is now resolved.
LFMNV-1431	Double clicking on Markups in LFM NetView does not open the best BubbleView.	Double clicking on a Markup now open the best (closest) BubbleView
LFMNV-1294	Offline session doesn't work when the user uses the project URL link to login to the LFM NetView project.	This issue is now resolved.
LFMNV-1293	Tags added to a Markup inside a Markup group (created inside LFM Server) aren't saved.	Tags added to a Markup inside a Markup group are now saved.
LFMNV-1289	BubbleViews don't load in Microsoft Edge browser.	BubbleViews now load in Microsoft Edge browser.
LFMNV-1271	QR Code scanner does not scanning every time	The QR Code scanner now works consistently.
LFMNV-1270	Failed to sync Markups URL from offline to online	This issue is now resolved.

5. Known Issues

Intenal ID	Description	Workaround
LFMNV-1710	Windows Authentication is not enabled for LandingSite by default	In IIS manager open LandingSite Authentication, Enable Windows Authentication and Disable Anonymous Authentication.

6. Product QA cycle:

The development philosophy used to produce AVEVA LFM Server applies AGILE principles to ensure a high-quality product which evolves to match customer requirements. Throughout the development cycle, test and evaluation is used to guide the process and minimise the final test overhead.

The final test process has three stages, and this document has been prepared after these have been completed. These stages are outlined below.

6.1. Individual Function Test

All LFM Server desktop functionality is examined for correct responses. Functions called from the Main Menubar, Main Toolbar, Modelling Toolbars, and Component Browser are tested in turn. This ensures that the functionality matches the design intent, and previously recorded errors have been fixed.

6.2. Destructive Test

This section of the test schedule is aimed at investigating to see if a software product exhibits proper behaviour when subjected to improper usage, or improper input. The tests are applied to different data samples, machines, and in a random manner to try to replicate 'real world' variations in user conditions.

6.3. Software Acceptance Tests

AVEVA concludes the LFM Server test cycle with a series of controlled examples aimed at simulating real life use situations. The finished models are QA checked against calibrated historical data, to ensure that the product maintains the previous output standard.