

LFM NetView is an important member of the LFM product family. Working either as a standalone application or as a plug-in to a Web browser, it provides secure Internet access to laser scan projects.

Up until now these kind of remote access issues have posed a real challenge to organisations. Previously in Process, Power & Marine and particularly Asset Management applications, data relating to the asset could not be shared between Engineers, Owners and Operators unless it was held locally.

LFM NetView resolves these issues. Most importantly LFM NetView can provide collaborative, team-based, multi-discipline measurement and Mark-up facilities.



## Key Features

- Secure access to high resolution laser scan data from around the globe
- Extremely intuitive to use
- An unlimited number of innovative BubbleViews can be loaded simultaneously
- Extensive mark-up and annotation facilities
- Load up to four BubbleViews or three BubbleViews and a 3D key plan simultaneously.
- Key plans ensure ease of navigation
- Master-Slave mode for collaborative interactive reviews
- Extensive measurement tools

### Ease of Use

LFM NetView is extremely intuitive to use, requiring little or no training.

### High Quality Data

LFM is a respected brand and associated with exceptionally high quality data. The latest edition to the LFM suite does not deviate from the high quality and high functionality for which it is known.

### No Quality vs Time Trade Off

The accuracy and quality of data used by some Web based laser scan software tools suffers as there is a belief that data must be made compact in order to ensure efficient operation. LFM NetView consist of innovative technology which ensures that neither accuracy nor data resolution is lost in the process of global workshare

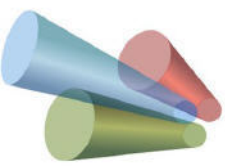
## Features and Benefits of LFM NetView

### BubbleView Technology

The innovative BubbleView allows true 3D 360° rotation of a high resolution intensity image. Users have found this to be a simple yet effective way of viewing laser scan data. It is such a powerful feature that the user has the feeling of being on-site. The software allows an unlimited number of BubbleViews to be loaded simultaneously.

A four way split screen allows users to load up to four BubbleViews or three BubbleViews and a 3D key plan simultaneously.

It can also be used to view a single point in one BubbleView from the perspective of three other scan positions.



## Secure Access

The data can be shared with clients, staff and other organisations. Normally with these benefits also come risks. With LFM NetView security is not compromised and is guaranteed by use of password protection and data encryption.

## Mark-up and Measurement Facilities

Extensive Mark-up and measurement facilities can be found in LFM NetView. These facilities enable the user to measure points and distances. Constrained measurements are also possible, allowing the user to have confidence that a measurement read out is the true account of the orthogonal distance between two points.

## Annotation Tools

The annotation tool allows users to place permanent notes on the laser scan data with explanations, instructions or warnings to other users. These annotations can be shared with users across the Internet. Annotations can be grouped into user defined categories for added convenience. They are saved to a secure database and can be configured and edited.

## Key Plans

Ease of navigation is achieved by the use of a key plan to show the location of scans in a project. These allow the user to navigate to their exact location of interest.

The key plan can be shown as either a 2D plan or 3D isometric view.

## Master-Slave Mode

LFM NetView also allows for a 'Master-Slave mode'. This is where one user has unidirectional control over one or more other remote users. The feature enables users in different locations to carry out interactive and collaborative project reviews. These can include joint Mark-up and measurement. It is easy to hand control between different users and is unique to LFM NetView.

## Colour Support

One of the benefits of laser scanning to its users is that the scanned data is 'true to life' in terms of accuracy and resolution. The information provided by colour data enhances this effect. The latest version of LFM NetView is able to link to datasets that have been created in colour and display them to users around the world.

## Width and Area Measurement

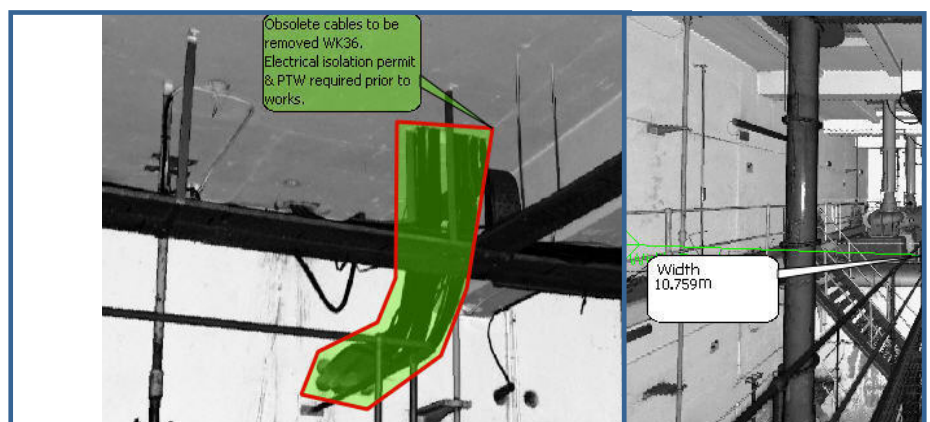
This feature enables users to find the parallel distance between opposite walls simply by clicking on any point on each of the walls. An extension of this approach is used to find areas of rooms.

## Pipe Diameter Measurements

Process, Power and Marine users now have the facility to get an instant read-out of pipe diameters. This is done by simply scribing a line along the length of the pipe within the BubbleView.

## LFM NetView Hosting Service

Z+F UK can now host laser scan data on behalf of their customers in an external, secure, dedicated server. Advanced security measures ensure the safety of the data, which is both password protected and encrypted. Unrestricted access to the data is provided, the user is afforded the opportunity to work with the remote laser scan data via LFM NetView.



*Annotations and Measurements within the BubbleView*