



**LFM NetView is an important new 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.**

**Previously those working within the field of Architecture, Engineering & Construction (AEC) could not share important laser scan data with business partners or clients unless they were in the same location. With the increase of global work share these kind of remote access issues have posed a real challenge to organisations.**

**LFM NetView is an important tool in the area of Building Information Management (BIM) applications.**



## 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
- Load up to four BubbleViews or three BubbleViews and a 3D key plan simultaneously.
- Extensive mark-up and annotation facilities
- Key Plans ensure ease of navigation
- Master-Slave mode for collaborative interactive reviews
- Extensive measurement tools

## Features and Benefits of LFM NetView

### Ease of Use

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 Versus 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 consists of innovative technology which ensures that neither accuracy nor data resolution is lost in the process of global work share.

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

The four way split screen 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. This feature is unique to LFM NetView.

## 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 room.

LFM NetView also displays the delta measurements in each direction.

## 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. LFM NetView is able to link to datasets that have been created in colour and display them to the users around the world.



LFM NetView BubbleView interface. Blue dots indicates adjacent scan positions hidden from view.

## LFM NetView Hosting Service

Z+F UK can now host laser scan data on behalf of their customers in an external, secure, dedicated server. Unrestricted access to the data is provided to the user who can work with the laser scan data via LFM NetView.