Creating a 3D model of an item of interest can be incredibly useful within the field of Cultural Heritage. A 3D model can aid the user in understanding and tracking the artefact over the years. Any deterioration that may be present can be recorded. 3D models can be built to capture the data which can then be studied away from the its place of origin, which may or may not be in a remote location.

This data can be kept on a permanent basis. It can not be altered nor questioned and is entirely objective.

With some software offerings the process of modelling 3D laser scan data is a time consuming and error prone exercise, taking longer than can perhaps be justified. LFM Modeller's main focus is to allow the user to rapidly create a 3D model from laser scan data in an extremely incremental, intuitive and interactive way.

3D model of "Moai" monumental statues native to Easter Island

LFM Modeller avoids this problem by employing powerful tools, such as BubbleView Modelling. BubbleView modelling allows the user to create a 3D CAD model in an extremely high resolution view. Modelling from within the BubbleView is highly intuitive and easy to learn.

Productivity with this technology is greatly enhanced when compared to previously available software.

The ability to visualise modelled objects within the BubbleView provides immediate visual feedback of what has been modelled and what still remains to be done.

Extensive CAD manipulation and editing facilities are provided by LFM Modeller to augment the model quality after the fitting stages have been completed. They allow the user to extend, intersect and manipulate the model to the stage where they are satisfied that the modelling objectives have been reached.