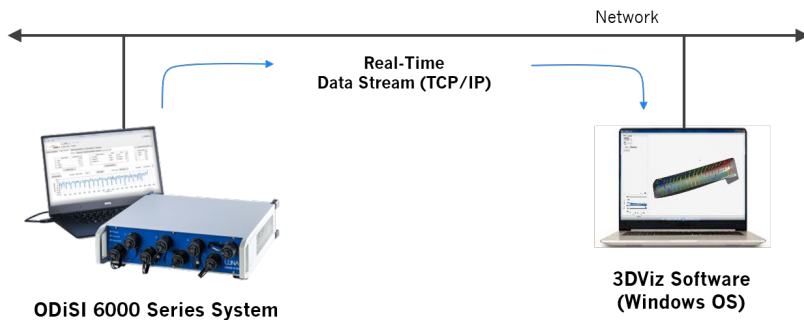# 3DViz

HD-FOS 3D and 2D Data Visualization Software

3DViz is a data visualization tool designed to work with Luna ODiSI high-definition strain and temperature data. With 3DViz, you can display ODiSI data graphically on 3D models and 2D images and photos. Multiple channels of strain or temperature data can be visualized in an intuitive way. Simply load an .stl or graphics file of the test article, map the sensor routing onto the model or image, and then view color-coded temperature or strain data directly on the image or 3D model. The 3D model can be interactively manipulated (rotated, scaled, moved, etc.) for different views and perspectives of the measurement data.

3DViz data displays live measurement data in real time that is streamed from a networked ODiSI system. Alternaively, data can be loaded from a previously acquired ODiSI data file. You can also use the 3DViz software to create videos of the evolution of strain and temperature over time for easy collaboration and sharing of results.

The 3DViz software maps and displays live strain and temperature data streamed in real-time from a networked ODiSI system.

ODiSI 6000 Series System

Real-Time Data Stream (TCP/IP)
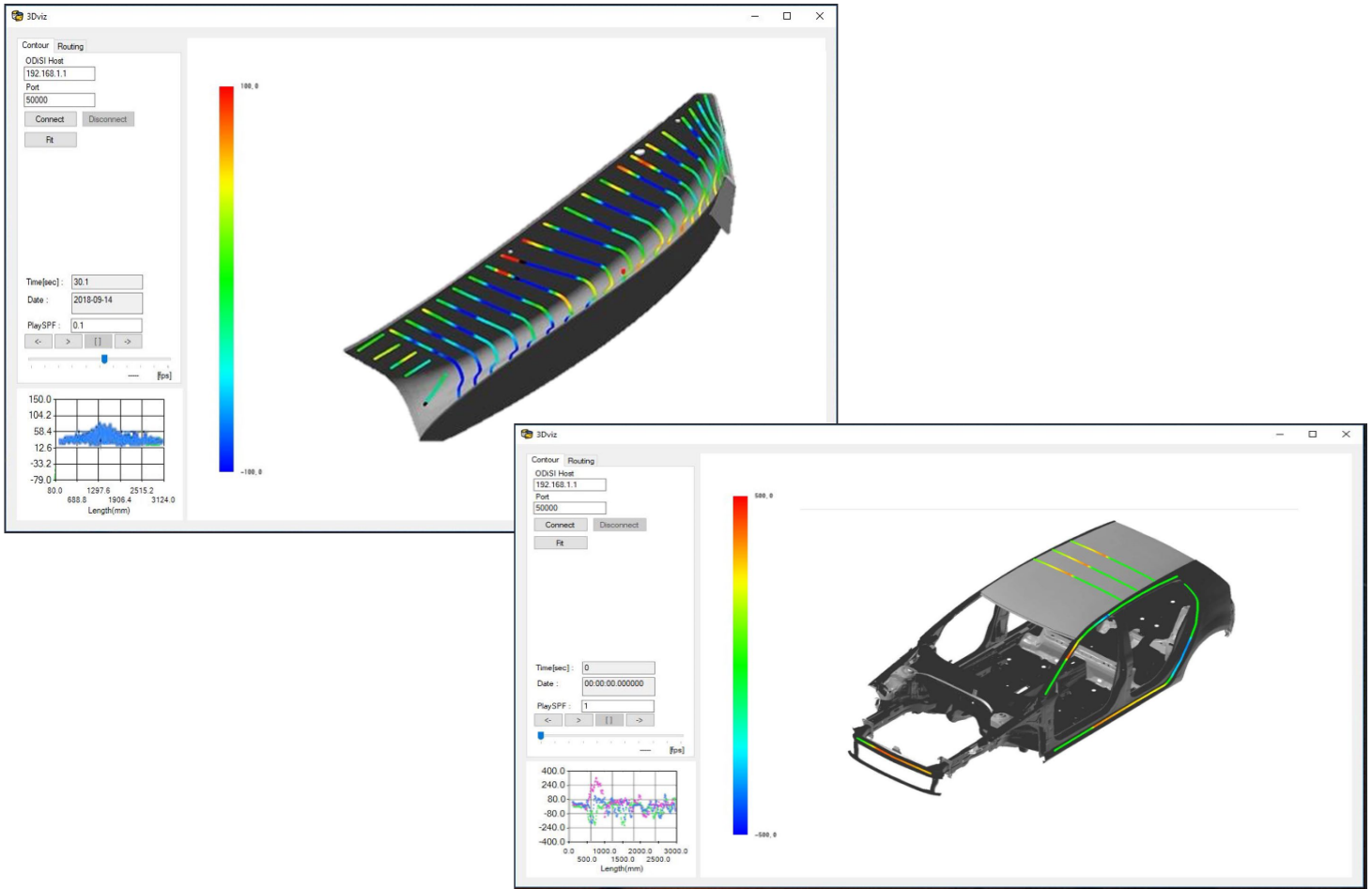
Network

3DViz Software (Windows OS)

KEY FEATURES

- **3D and 2D visualization** of strain and temperature data
- **Compatible with standard .stl files**
- **Interactively manipulate 3D models** interactively for
- **Create videos** for convenient playback of test data
- **Visualize data in real time** from networked ODiSI system
- **Playback** previously acquired ODiSI measurement files
- Compatible with ODiSI 6000 and 6100 systems

Free evaluation software available at lunainc.com

Visualize high-definition strain and temperature data mapped directly to 3D models and 2D images

PERFORMANCE

Parameter	
3D model file format	STL (.stl)
2D image file format	.jpg, .tif, .png
File format for ODiSI data file playback	.tsv
Computer System Requriements	
OS compatibility	Windows 7.1, 8, 10
RAM	2 GB minimum
Display resolution	1024 x 768 or higher
HDD free space required for installation	10 GB

ORDERING

Product	Description
3DViz - 3D/2D Visualization Software	Windows OS application software for 3D and 2D visualization of ODiSI data in real-time or from pre-recorded data file
3DViz - 2D Visualization Software	Windows OS application software for 2D visualization only of ODiSI data in real-time or from pre-recorded data file

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3Dviz REV.1 07.01.20

*Specifications subject to change without notice.