

New Features

This is an overview of some of **Voxler 3's** new features.

Graphical Module Features

- Added a new graphical display - [FaceRender](#). The *FaceRender* is similar to the *VolRender*, except the filled area is displayed as blocks.
- Display number of blocks, average block value, and volume for *FaceRender*.
- Added a new graphical display - [WellRender](#). The *WellRender* displays [well data](#) as lines with additional properties such as .
- Display labels from a label column for [ScatterPlot](#) modules.
- Display volume calculations for [Isosurface](#) modules.
- Drape an image on a [HeightField](#).
- [Drape](#) contours over **Surfer** GRD files.
- Improved display of [Axes](#) when data is transformed.
- Connect [multiple modules](#) to a single [ClipPlane](#).
- Added a [vertical exaggeration](#) feature that stretches the entire view in the Z direction.

Computational Module Features

- Save lattices as data files using the [File | Save Data](#) command.
- Convert a lattice to a data point set using the [ExtractPoints](#) module.
- Load well data into a [WellData](#) module, to keep all well information in a single module.
- Convert data from [wells](#) into XYZC format using the [ExtractPoints](#) module. Converting well data to point information allows the wells data to be gridded and displayed as *Isosurfaces*, *VolRenders*, and *FaceRender* modules.
- Improved the *Transform* module, to allow [transforms](#) to be based around at a user specified location.
- Improved [Axes](#) module [transforms](#) so the axis lines are displayed without stretching.

User Friendly

- Improved precision of display for data with large coordinates.
- Added multithreading to speed redraw and calculation times.
- [Reset windows](#) to default locations.
- Use the ESC key on the keyboard to exit rotation, panning, or zooming and return to [trackball](#) mode.
- Added support for [tabbed documents](#).
- Click and drag files onto the **Voxler** icon, **Network Manager**, or any part of an open **Voxler** window to open the file in **Voxler**. The appropriate import options are displayed and the file is loaded into the **Network Manager** as a new module.
- Right-clicking to add a module in the **network Manager** automatically places the new module in the location where the right-click was located.
- Updated the appearance of the program to a more modern look.
- Flexible blanking and null value handling.

- Import ZIP and USGS SDTS [topological](#) and [grid](#) files in .TAR.GZ, .TAR, .ZIP, and .TGZ format directly without unzipping.

Data Features

- Added import and export ability for [Excel XLSX](#) file format.
- Added import ability for [ER Mapper's ECW](#) file format.
- Added import ability for [LAS well data file](#) format.
- Added export ability for [ZMAP file](#) format.
- Added export ability for [CPS3 file](#) format.

Automation Updates

- Updated the [Scripter](#) program to a more modern version.
- Control transparency through automation.
- Control view characteristics through automation.

New features are also summarized online at: www.goldensoftware.com/products/voxler/voxlernew.shtml

See Also

[Voxler User Interface Overview](#)

[Introduction to Voxler](#)

[Voxler Tutorial Introduction](#)

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