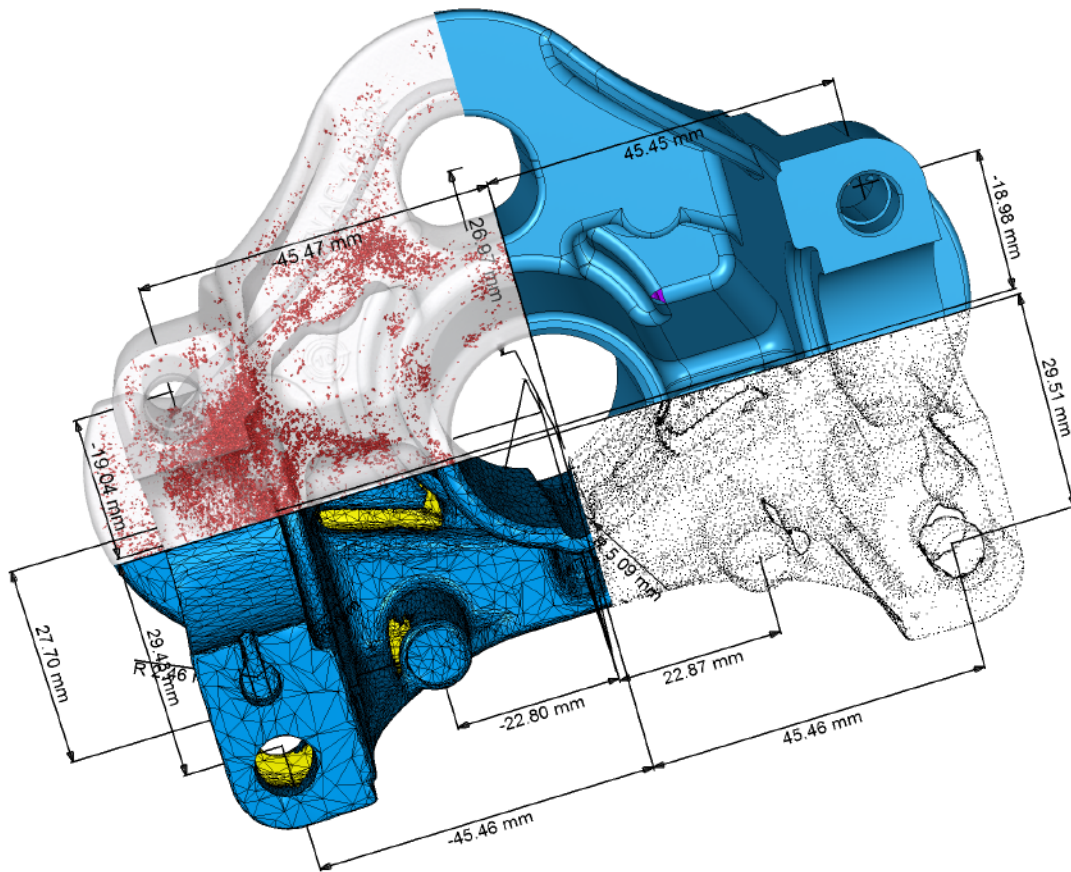


GET (RE)ACQUAINTED WITH VOLUME GRAPHICS



Volume Graphics software offers the ability to display and analyze both voxel and polygon data within a single application. This is because our applications also support other 3D-file formats such as point cloud, mesh, and CAD (native CAD formats and PMI with optionally available add-on modules). There's no more need for time-consuming data conversions.



Leading industrial companies around the world use Volume Graphics software for the analysis and visualization of industrial computed tomography (CT) data. They use our software for non-destructive analyses, inspection, and measurement in research, manufacturing, and quality assurance.

Reliable and Independent

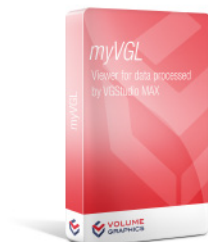
Since 1997, Volume Graphics has been developing software for industrial CT at our company headquarters in Heidelberg, Germany. This is also where the majority of our ever-growing team works. As a software manufacturer, we are an independent partner of most major CT system providers.

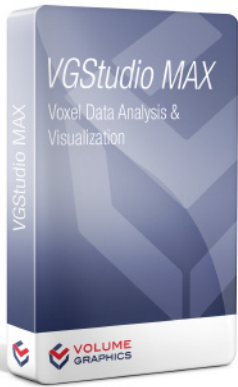
Volume Graphics' range of products supports all types of analyses and visualizations directly on industrial CT data. *VGStudio MAX* is our extendable high-end software; *VGStudio* offers an affordable entry into the world of CT data analysis and visualization; *VGMetrology* is our easy-to-use, universal metrology solution; *VG InLine* integrates non-destructive testing with industrial CT into the production process; and *myVGL* is the free, universal CT data viewer.

Why CT?

Volume Graphics helps you learn as much about your products as possible. Industrial CT is the ideal tool for that because a CT scan reveals every aspect of a component. Our software uses the numerous projections that are collected during the scan to reconstruct a three-dimensional volume including all material and geometric information.

The smallest distinguishable element of a volume generated with a CT scanner is a voxel – the 3D-equivalent of a pixel. Voxels are the basis on which Volume Graphics software works. Yet, in order to make our tools universally applicable, other 3D formats are also supported.



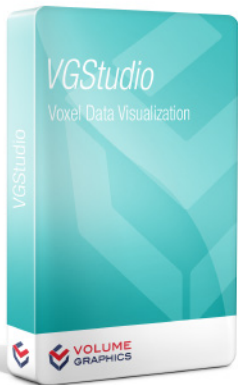
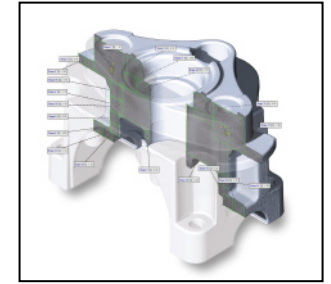


VGStudio MAX is our high-end software which you can adjust to fit your needs with the help of our many add-on modules or our industry specific module bundles.

- [Read our online product description to find out more](#)
- [Download the brochure as a .pdf file](#)
- [Test VGStudio MAX including all add-on modules for free](#)
- [Learn the ins and outs of VGStudio MAX with an in-depth training](#)

Key Features:

- User-friendly functions for segmentation, analysis, and visualization
- Native processing of voxel, mesh, and CAD data
- Macros and templates for automation
- Optional add-on modules for almost every conceivable application

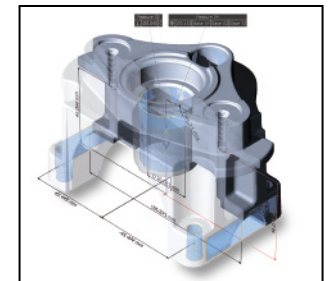
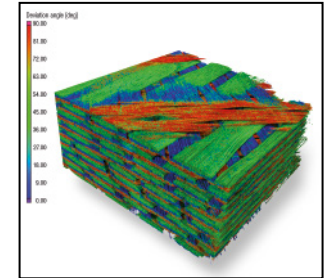


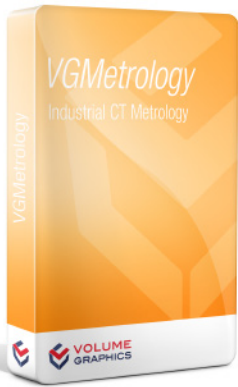
VGStudio offers an affordable entry into the world of CT data analysis and visualization.

- [Read our online product description to find out more](#)
- [Download the brochure as a .pdf file](#)
- [Test VGStudio for free](#)

Key Features:

- Offers the same excellent visualization capabilities as *VGStudio MAX*
- With the add-on module CT Reconstruction, it becomes an affordable software solution for CT reconstructions based on graphic cards



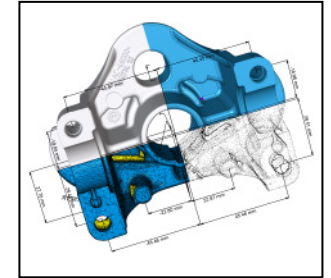


VG Metrology transforms your CT scanner into a precise, comprehensive measuring tool.

- [Read our online product description to find out more](#)
- [Download the brochure as a .pdf file](#)
- [Test VG Metrology including all add-on modules for free](#)
- [Learn the ins and outs of VG Metrology in an in-depth training](#)

Key Features:

- Measurements, including GD&T, not only on voxel data but also on point clouds, meshes, and CAD data
- 2D and 3D measurements, even on the interior surfaces of a component
- Various object registration options, e.g., Best fit, 3-2-1, RPS, ruled geometry-based methods
- Easy-to-use projects thanks to extremely compact file sizes

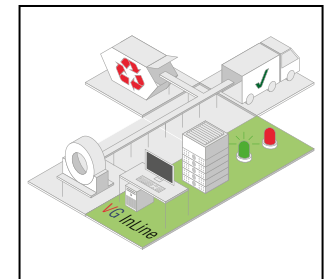


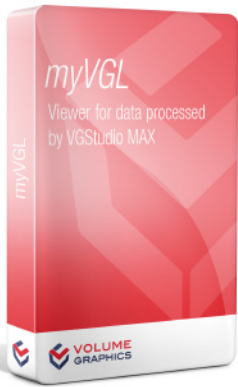
VG InLine integrates non-destructive testing with industrial CT into the production process.

- [Read our online product description to find out more](#)
- [Download the brochure as a .pdf file](#)

Key Features:

- The software for automated CT inspection
- Compatible with any CT system
- Enables in-line or at-line CT analyses
- Scalable and fail-safe



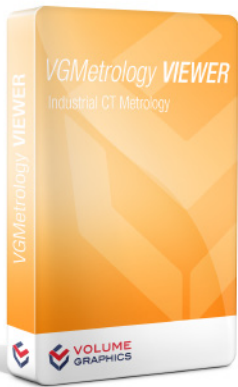
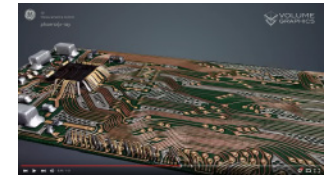
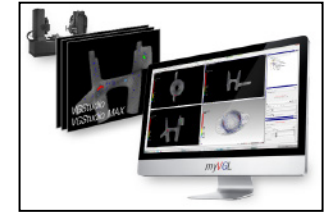


myVGL is the complimentary viewer for CT data that allows you to interactively view analysis results and visualizations of 3D volume data.

- [Read our online product description to find out more](#)
- [Download for free](#)

Key Features:

- Displays analyses conducted with *VGStudio MAX* and their results
- Supports bookmarks created with *VGStudio MAX*
- Opens large CT data sets, even on PCs with limited resources

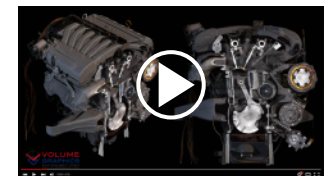


VGMetrology VIEWER is the free viewer for projects created with VGMetrology.

- [Read our online product description to find out more](#)
- [Request the free VGMetrology VIEWER application](#)
- [Learn the ins and outs of VGMetrology VIEWER in a one-day training](#)

Key Features:

- Opens existing metrology projects that have been saved as .mvgl-files
- For sharing and viewing projects and reports
- Allows for changing the alignment of objects and adding measurements



Visit the [VG YouTube channel](#), where we'll show you how spectacular visualizations of CT data can be.

If you have any questions, please contact us at sales@volumegraphics.com or + 49 6221 73920-60.



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