

Software Release Notes:

Cavity Profiler – VS 1.2

1. General

Release date this version:

12 January 2014

History:

This software is a newly developed acquisition client for the VoidScanner MKII and MKIII. It replaces the previous offering, VoidScan and any previous versions of Cavity Profiler – VS.

All feedback should be directed to spatialmeasurement@renishaw.com

Replaces:

VoidScan (all versions) and any previous versions of Cavity Profiler – VS.

Operating system requirements:

Windows 7

PC Specification:

Intel Core i5 processor

4GB RAM

Video card supporting Direct X 9.0. (NVIDIA-based card recommended).

PC Software Pre-requisites:

Microsoft .Net 4.0 Framework Runtime, Microsoft Visual C++ Runtime 2010, Microsoft Visual C++ Runtime 2012, Digiport driver (for wifi box operation only)

These are available on the Cavity Profiler – VS installation media/download site at www.renishaw.com/cavityprofilervoidscanner

These components are not included as part of the Cavity Profiler – VS web download as they significantly increase the time required to download and many users will already have them. They are, however, available as separate downloads.

Language support:

English

Installation Notes:

Please refer to the Cavity Profiler – VS Software User Manual.

Caution:

Any software installation can give rise to operating issues due to local system architecture and existing operating procedures. Whilst this version of Cavity Profiler - VS may offer enhanced features over your current version you should always follow your own corporate guidelines regarding software use before installation. This may involve contacting the appropriate IT/Business Systems personnel within your organisation for guidance and assistance.

Availability:

This product is available to all new and existing Void Scanner MKII and MKIII customers who wish to adhere to the terms and conditions of the accompanying End-User License Agreement (EULA).

Available as a free of charge upgrade to Void Scanner customers. Future enhancements and upgrades may be chargeable.

2. Key enhancements compared to VoidScan

- “One click” surfacing and volume calculation from raw scan data – obtain a closed 3D model and volume within seconds of finishing a scan.
- Improved pitch and roll handling when used with Void Scanner MK III.
- Improved, modern look and feel.
- Auto-connection to the Void Scanner hardware improves setup time.
- Guided workflow to reduce training and improve efficiency.
- 3D scanner model featuring live updates to aid in deployment when the scanner is out of sight.
- Export to the industry standard LAS format.

2. Key Enhancements and bug fixes compared to:

CavityProfiler – VS 1.1

112137	Exception when closing logger after a scan
113095	Rendering display not refreshing after deleting a triangulation (VS only)
113098	Localisation causing Double parsing to fall over when used in a locale that doesn't use decimal points.
113102	Imperial Feet not exporting correctly in DXF loop/surface exports
113104	Scale bar not refreshing after a resize/minimisation of a window
113194	Log file is still created in MDL subfolder within AppData folder

114757	Upgrade to GLiDE 1.2.5 and GML Elements
114894	Modify (and clean up) build configurations to change version numbering to be consistent with new process automatically
121293	Cut plane positions not being updated after transform applied to engine in GLiDE 1.2.5
122287	Grid displayed in metres when feet selected
124796	Update error codes in VS150DataConnection.cs
125258	Current working directory not correctly being set when opening from shortcuts
125272	VS firmware issue with horizontal board not responding in a timely manner after a scan sweep has finished. Only evident through wifi box.
126916	Potential for incompatibility if input language isn't English
126918	Shade by height is now very sluggish following a GLiDE upgrade
126933	Point size changes not working on VS scanning screen
126937	Mark II encoder values are 180 degrees out of sync with Mark III