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MODUS 1.8 release - open

Renishaw CMM products division

Product bulletin: PBC-02030

Product:	MODUS 1.8	**Date:**	17th February 2017
Originator:	Tom Lewis	**Reviewer:**	Brian Gow

Classification		Distribution	
○ Competitor info	○ Recall	☑ Agents	☑ Distributors
○ Pricing changes	○ Quality issue	☑ Subsidiaries	☑ End users
○ Product hold	○ Literature	☑ Service centres	☑ OEMs
◉ Product launch	○ Obsolescence	☑ Retrofitters	
○ Product update			

Summary:

This bulletin is to advise that MODUS 1.8 has now been released for sale. It contains an overview of the functionality and operational changes since MODUS 1.7. Please note the increased PC specification requirements. Full details can be found in the software release notes.

Further details:

Functionality

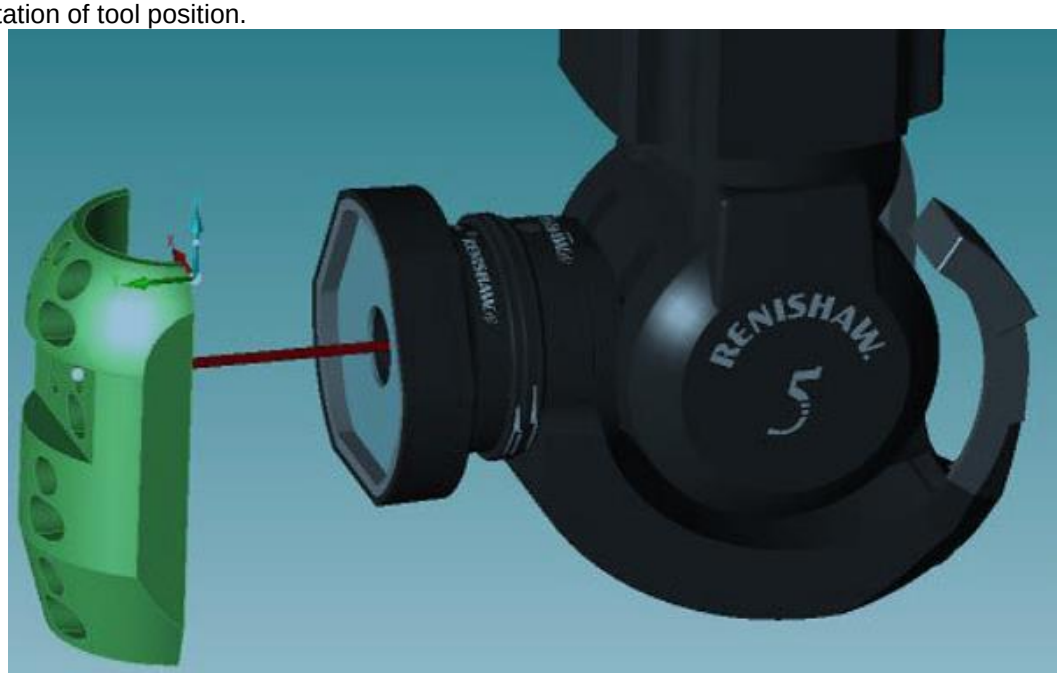
RVP Interface
A full MODUS style interface is now available for RVP programming. This interface encompasses feature definition, camera settings, image capture and image analysis settings.

Valve Seat
Methods are now available for scanning measurement of valve seats. Helical scanning can be used for three cone, two cone (both upper and lower variants) and single cone analysis. Cross-section scanning can only be used for three cone analysis.

If you have any questions or comments on this bulletin please visit www.renishaw.com/cmmsupport and use the 'Email support' facility. This will ensure that your call is logged and processed efficiently.

Probe Models

Server based models will now all be used in the MODUS 1.8 interface, giving a more accurate representation of tool position.



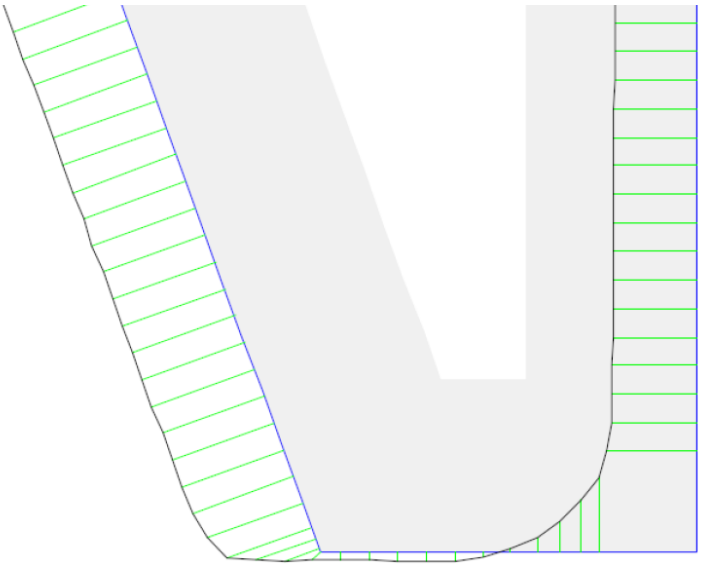
Updated CAD Support

MODUS 1.8 now supports a wider range of CAD, including:

- Unigraphics/NX: 11 to 18, NX1 to NX10
- CATIA v5: R8 to R25 (V5-6 R2016)
- JT: 8.x and 9.x Parasolid, 16 to Wildfire 5, Creo 1.0 to 3.0
- Solidworks: 98 to 2014
- IGES
- STEP: AP203 & AP214 (geometry only)

2D Curve Scanning

The algorithm “2D Scan” has been significantly improved. This is now ideal for 2D profiles which have sharp corners. It enforces high density scanning of 10 microns and ensures that evenly spaced actual points are returned.



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Computer specification

In line with industry trends, the minimum specification for computers has changed and new installations should follow these (below). However, current MODUS installations can be upgraded to MODUS 1.8 and no system upgrade will be needed.

New PC minimum specification:

- 500 GB disk space
- Intel(R) Core i7-6700 processor
- **8 GB RAM** (16 GB RAM recommended for large CAD files)
- 4 USB ports (for printers, memory devices, DK2 dongle, etc.)
- A network card is required for computer connection to UCC controllers
- Further network cards may be required for connection to a company network
- **4 GB RAM** graphics card (NVidia Quadro K series recommended)

Supported operating systems

MODUS 1.8 will now run with:

- Windows 10 Pro and Enterprise 64-bit
- Windows 7 64-bit Professional, Enterprise and Ultimate (Service Pack 1 minimum)

To prevent possible data corruption occurring with newer hard drive types, we recommend that you install the Windows hotfix available from this link:

https://support.microsoft.com/en-us/kb/982018

Notes:

- Windows XP is no longer supported.
- Windows 7 32-bit, Windows 8, Windows 8.1 and Windows 10 Pro 32-bit are not supported.

UCCsuite

MODUS 1.8 must be used with UCCsuite version 4.9 or later.

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