

# Software Release Notes: Renishaw CARTO (v3.8)

## 1. General

### History:

Renishaw CARTO software suite is a measurement and analysis package for use with Renishaw calibration systems. The suite includes Capture and Explore which provide data capture and data analysis for XM-60 and XL-80 interferometric measurement. CARTO features a database system which automatically stores and organises data for the user, simplifying operation and allowing users to quickly and easily compare data with historical results.

### Replaces:

Version 3.7

### Operating system and PC compatibility:

(Due to database constraints, a 64 bit operating system is recommended)

- Windows 7
- Windows 8
- Windows 10 (v1607 or higher)

### PC requirements:

Windows 7 Professional Service Pack 1 or above with Microsoft Root Certificate Authority 2011 certificate installed, 2 GB available hard disk space, screen resolution of 1024 x 768 or above, PDF viewer. This installer will also install, if not already installed: .NET 4.7.2 and Visual C++ runtimes for 2017.

### PC Software Pre-requisites:

Windows Installer 4.5

<http://www.microsoft.com/downloads/details.aspx?FamilyID=5A58B56F-60B6-4412-95B9-54D056D6F9F4>

All the latest available critical windows updates applied.

### Availability:

Available as a free download from [www.renishaw.com/carto](http://www.renishaw.com/carto)

### Caution:

Any software installation can give rise to operating issues due to local system architecture and existing operating procedures. Whilst this version of CARTO software 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 I.T./Business Systems personnel within your organisation for guidance and assistance

## Installation verification:

CARTO 3.8 32-bit hash:

14D0E66087447F22128EF7704808DF851BCE61F6A79D5EB620E4734F61B845F9

CARTO 3.8 64-bit hash:

CBF286A0258CD1037D1DC8B28D6DC9F8E44AA9F573411988B0F036F8B263940C

## 2. Key enhancements compared to Renishaw CARTO 3.7

### Capture

- Dual data capture
- Save data with tags
- Plane mirror for linear tests

### Explore

- Dual data analysis
- New channel modifier indicators

### Compensate

- Compensate is now included in CARTO suite installer
- Renishaw linear compensation (free generic format)
- Renishaw 6 DOF support for volumetric compensation (free generic format)
- Support for Siemens linear compensation (chargeable add on)
- Support for Siemens volumetric compensation (chargeable add on)

## 3. Supported languages

### Software

- English
- Japanese
- German
- Traditional Chinese
- Simplified Chinese
- Spanish
- Korean
- Italian
- French
- Russian
- Portuguese
- Czech
- Polish

### User guides (Capture and Explore)

- English
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- Polish