

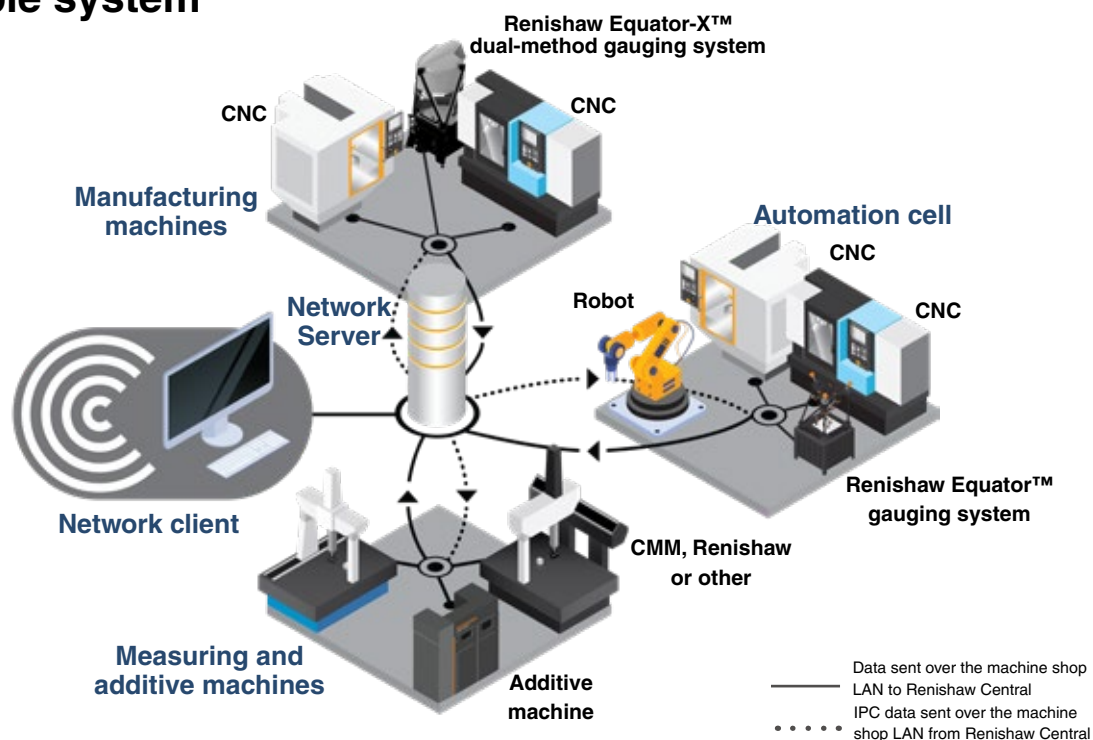
Renishaw Central



Specification

Principal application	Renishaw Central is a manufacturing connectivity and data platform that collects, and provides visibility of, manufacturing process data. Renishaw Central enables users to monitor and update machining and quality control systems. Its features also allow for manufacturing process parameters to be updated using its IPC (Intelligent Process Control) functionality.		
System requirements	Maximum concurrent device connections.		
	Single, Mini up to 4, and Small up to 10.	Medium: up to 25.	Large: up to 150.
Operating system	Windows® 11 64-bit ¹ Windows server 2016 or later.	Windows server 2016 or later.	Windows server 2016 or later.
Processor (minimum)	2.5 GHz to 2.9 GHz dual-core or equivalent.	3 GHz quad-core or equivalent.	High-performance Intel® Xeon® or equivalent.
RAM (minimum)	8 GB.	12 GB.	32 GB.
Disk space (minimum)	1 TB.	4 TB.	8 TB.
Client browser	Microsoft Edge or Google Chrome (Chromium browser version 138 or later).		
Network	Ethernet LAN interface card.		
Software	Microsoft® .NET Framework 4.8 or later. Microsoft® .NET Core Hosting Bundle ² . Microsoft® IIS 7.0 or later ³ .		
Database	PostgreSQL ² .		
API	Web API.		

Example system



#renishaw

Compatibility

		Machine status	Alerts	Job progress	Yield	Metrology	Time series	CNC IPC ⁴
Device type	Platform							
	Renishaw additive software MSS 2.0+	●	●	●				
	MODUS Pre 1.11	●	●		●	●		●
	MODUS 1.11+	●	●	●	●	●	●	●
	Zeiss Calypso ⁶	●	●			●		●
	PC-DMIS	●	●			●		●
	Other data sources ⁷	CSV file integration is available for other leading brands of co-ordinate measuring machine (CMM) software.						
	Brother ⁴							●
	Citizen ⁴							●
	Fanuc ⁴	■		■	■	■	■	●
	Heidenhain ⁴							●
	Mazak ⁴	■		■	■	■	■	●
	Mitsubishi ⁴	■		■	■	■	■	●
	Okuma ⁴	■		■	■	■	■	●
	Siemens ⁴	■		■	■	■	■	●
	Syntec ⁴							●
	G-code file transfer ⁴							●
	Equator ESS 1+	●				●		●
	Equator ESS 2.2.0+	●		●	●	●	●	●
	MODUS IM	●	●	●	●	●	●	●
	MTConnect 1.4 output	●	●	●	●		●	
	CSV input ⁸	●	●		●	●	●	●
	CSV output ⁸				●	●	●	
	JSON input ⁹	●	●	●	●	●	●	●

NOTE: All data connectors use the integrated Renishaw Central API. The API is available for customer use; however, direct database querying is not supported. Contact your local Renishaw office for Renishaw Central API user information if required.

● Machine status is inferred from the results file cycle time.

■ When used with Renishaw Reporter 3.0 or later.

1. Including Professional and Enterprise. Care must be taken not to exceed the maximum permitted connections of the operating system.

2. Installed by Renishaw Central if the relevant version is not installed.

3. Windows features, including IIS services will be enabled by Renishaw Central if not already present.

4. Machine options may be required. Contact your local Renishaw office for the latest device and CNC compatibility.

5. Other controls supported dependant on active G-code file transfer support including Haas, Mazak and Siemens.

6. Version 7.6 or later.

7. Subject to additional application development. Custom data connectors may be required depending on the format of exported data.

8. See the Renishaw Central LogWatcher CSV Input Plug-in Installation and User Guide (H-6428-8745) for CSV configuration rules.

9. See the Renishaw Central Output Translator Installation and user Guide (H-6428-8755) for more information

www.renishaw.com/contact



#renishaw

+44 (0) 1453 524524

uk@renishaw.com

© 2023 Renishaw plc. All rights reserved. This document may not be copied or reproduced in whole or in part, or transferred to any other media or language by any means, without the prior written permission of Renishaw.

RENISHAW® and the probe symbol are registered trade marks of Renishaw plc. Renishaw product names, designations and the mark 'apply innovation' are trade marks of Renishaw plc or its subsidiaries. Other brand, product or company names are trade marks of their respective owners.

WHILE CONSIDERABLE EFFORT WAS MADE TO VERIFY THE ACCURACY OF THIS DOCUMENT AT PUBLICATION, ALL WARRANTIES, CONDITIONS, REPRESENTATIONS AND LIABILITY, HOWSOEVER ARISING, ARE EXCLUDED TO THE EXTENT PERMITTED BY LAW. RENISHAW RESERVES THE RIGHT TO MAKE CHANGES TO THIS DOCUMENT AND TO THE EQUIPMENT, AND/OR SOFTWARE AND THE SPECIFICATION DESCRIBED HEREIN WITHOUT OBLIGATION TO PROVIDE NOTICE OF SUCH CHANGES.

Renishaw plc. Registered in England and Wales. Company no: 1106260. Registered office: New Mills, Wotton-under-Edge, Glos, GL12 8JR, UK.

Part no.: H-6428-8200-03-A

Issued: 11.2025