Software Operating Environment

Hardware	Software Specification
Exaquantum Server	<Operating System> • Windows Server 2022 Standard 64-bit (*1) • Windows Server 2019 Standard 64-bit (*1) • Windows Server 2016 Standard 64-bit (*1) <Other Software> • Microsoft SQL Server 2017 Standard 64-bit (*2) • Microsoft Excel or Office 2016 (32-bit) / 2019 (32-bit / 64-bit) / Microsoft 365 (32-bit / 64-bit) (*3) (*4) • Microsoft Edge (64-bit) (*6) • Chrome (64-bit) • Adobe Reader DC (*5)
Exaquantum/Web Server	< Operating System > • Windows Server 2022 Standard 64-bit (*1) • Windows Server 2019 Standard 64-bit (*1) • Windows Server 2016 Standard 64-bit (*1) < Other Software > • Microsoft Edge (64-bit) (*6) • Chrome (64-bit) • Internet Information Services (IIS) • Adobe Reader DC (*5)

*1: Exaquantum is a 32-bit application that can be installed with the WOW64 emulation environment provided with the 64-bit
OS.
*2: SQL Server (Main server modules are 64-bit) runtime version is bundled with Exaquantum.
Microsoft SQL Server can only be used by Exaquantum as stated in the SQL Server license certificate.
*3: Supported Editions of Excel 2016 are listed below (Volume License Editions):
• Excel 2016
• Office Standard 2016
• Office Professional Plus 2016
Supported Editions of Excel 2019 are listed below (Volume License Editions) :
• Excel 2019
• Office Standard 2019
• Office Professional Plus 2019

Supported Editions of Excel 365 are listed below (Click To Run Editions) (C2R):
• Excel 365
• Microsoft Standard 365
As for Microsoft 365 version, refer to the following Yokogawa Web site for the support status.
https://www.yokogawa.com/solutions/products-platforms/solution-based-software/data-historian/data-historian-exaquantum/#Details_Support-info

*4: There are sometimes compatibility issues, when opening Excel documents created on different OS or version of Excel.
There is a workaround for these problems, described in Exaquantum/Explorer User's Manual Volume 3 - Excel Reports (IM36J04A12-03E).
*5: Adobe Reader is required to browse Exaquantum R2.50 or later manuals.
*6: When using Legacy Exaquantum/Web, it can only use Internet Explorer Compatibility Mode which must be enabled within the Microsoft Edge Browser.

Hardware	Software Specification
User PCs for Exaquantum/Explorer, Exaquantum/Web Client (*8)	<Operating System> • Windows Server 2022 Standard 64-bit (*1) • Windows Server 2019 Standard 64-bit (*1) • Windows Server 2016 Standard 64-bit (*1) • Windows 10 Enterprise 2016 LTSB 64-bit (*1) • Windows 10 Enterprise 2019 LTSC 64-bit (*1) • Windows 10 IoT Enterprise 2016 LTSB 64-bit (*1) • Windows 10 IoT Enterprise 2019 LTSC 64-bit (*1) • Windows 10 Pro SAC 64-bit (*7) • Windows 11 Enterprise 64-bit • Windows 11 Pro 64-bit • Windows 10 Enterprise SAC 64-bit (*7) • Microsoft Excel or Office 2016 (32-bit) / 2019 (32-bit/64-bit) / Microsoft 365 (32-bit/64-bit) (*2) • Microsoft Edge (64-bit) (*8) • Chrome (64-bit) • Adobe Reader DC (*3)
PI OPC Interface PC (*4)	<Operating System> (*4)
Tablet device on Web Client (Supported on R3.01 or later)	<Operating System> • iOS (From iOS 13 or later can be guaranteed) (*5) (*6) • Windows 10 Tablet (*5) (*6)

LTSC: Long Term Servicing Channel SAC: Semi-Annual Channel

LTSB: Long Term Servicing Branch

*1: Exaquantum is a 32-bit application that can be installed with the WOW64 emulation environment provided with the 64-bit
OS.
*2: Supported Editions of Excel 2016 are listed below (Volume License Editions):
• Excel 2016
• Office Standard 2016
• Office Professional Plus 2016
Supported Editions of Excel 2019 are listed below (Volume License Editions) :
• Excel 2019
• Office Standard 2019

• Office Professional Plus 2019

Supported Editions of Excel 365 are listed below (Click To Run Editions): (C2R)

• Excel 365

• Microsoft Standard 365

As for Microsoft 365 version, refer to the following Yokogawa Web site for the support status.

https://www.yokogawa.com/solutions/products-platforms/solution-based-software/data-historian/data-historian-exaquantum/#Details_Support-info

*3: Adobe Reader is required to browse Exaquantum R2.50 or later manuals.

*4: When PI is used, please contact your Yokogawa representative.

*5: Legacy Exaquantum/Web is not supported.

*6: Exaquantum/Explorer and Excel Add-In are not supported.

*7: The support policy in regard to operating system will depend on the policy of Microsoft.

If any problems occur in the OS during the additional servicing period of OS or after the end of support date, the service support might be charged by Microsoft and this will be out of scope for maintenance service for Exaquantum (SV3NTMP001).

Some functions of the Exaquantum/Explore and Exaquantum/Web client may possibly be restricted when Windows Update is applied to Windows 10 SAC. Refer to the following Yokogawa Web site for the support status.

https://www.yokogawa.com/solutions/products-platforms/solution-based-software/data-historian/data-historian-exaquantum/#Details_Support-info

*8: When using Legacy Exaquantum/Web, it can only use Internet Explorer Compatibility Mode which must be enabled within the Microsoft Edge Browser.