

This document contains information about version 17:

- [What's new in 17.0](#) - An overview of the main new features in version 17 Initial Release (17.0.0)
 - [System requirements](#)
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What's new in 17.0

Version 17 is a major release focused on **security, improved robustness**, and **reduced system exposure**. It brings stronger protection, faster workflows, and improved OT/IT integration.

featured Security push

Version 17 introduces a significant hardening of the platform.

Key improvements:

- Stronger protection for **data in transit** across client/server and data acquisition drivers.
 - New concept of **protected project** for securing **data at rest**.
 - Enhanced integration with **AD-DS, AD-CS**, and third-party PKI.
 - Better use of OS-level security features (ACL, DEP, SEHOP, certificate stores).
 - Hardened user account management.
 - Minimized ACL requirements.
 - Full control over security alterations via dedicated settings.
 - Simplified deployment control through the new **Host Deployment Console** and **svcmd** CLI.
 - More components disabled by default (DDE, 3D mimics, VBA).
 - Better fit with endpoint protection solutions.
 - All new projects use **secure-by-default** settings.
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featured Scheduling animation

A new built-in animation designed for runtime operators in WebVue:

- Modern interface and user experience.
 - Configurable colors for time intervals.
 - Automatically adapts the displayed schedule based on the calling mimic thanks to branches.
 - Supports CRON timetables, BACnet schedules and BACnet Calendar objects.
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featured Application Architect - Partial generation

Generate or synchronize only what has changed:

- Regenerates the selected instance and its related parents/children.
 - Greatly reduces generation time for partial updates or ad'hoc testing.
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Configuration & Diagnostics

Application Explorer

- Centralized management of certificates and pre-shared keys.
- Color configuration for enumeration literals in associated labels, reused in animations such as Scheduling.

Application Architect

- Partial generation.
 - New configuration element support: OPC UA network and server, DNP3 standby device.
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Archiving

- HDS now supports **Azure SQL databases**.
 - **Data export** to third-party databases.
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WebVue

- New **Scheduling animation**.
 - Grid control:
 - Variable tracking mode.
 - Sql-based with predefined Sql queries.
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HMI

- Alarm & Log viewers increased to **20 columns** (previously 8).
 - Improved UI for bilingual text configuration.
 - Form controls can use **Sql query results**.
 - **Simulock animation**: Enhanced mimic-level variable inspection with strict permission management.
 - Smart symbol tooltips.
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Smart Bot

Jobs are new parameterized workflows designed to automate recurrent tasks. They are a new type of **action** you define with the Application Explorer (along with events, cyclics...). Behind the scene, a job is an instance of a system bot that runs in the background and performs its duty if conditions are met.

Enhancements:

- New operation: **Display screen** - Full SnapVue Messaging UI control.
 - Better handling of planned event exceptions.
 - Improved Scheduler UI.
 - Enhanced **Find event** operation.
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Installation & Deployment

- New default installation directories.
 - Support for Microsoft® **Windows Server 2025**.
 - Support for Microsoft® **SQL Server 2025**.
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Performance

- Improved BACnet monitoring.
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Add-ons & Tools

- OPC UA Gateway 1.7.0 (updated)
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Features in preview

Notification Publisher (preview for testing) - A module designed to support the Push Notification technology. This feature is in Preview for testing. You must run the installation package in mode Custom to install it. Please contact us if interested.

Migration

Existing projects designed with an earlier version require explicit migration using the new **ProjectUtility** CLI tool.

A project that is not migrated with the procedure described in the product help will fail to start with version 17. After migration, projects can be **protected**, **hardened**, and **deployed** under the new security model.

If you are using VBA scripts, **VBA scripting** must be enabled after installation using the **svcmd** CLI (disabled by default).

If you are using **3D mimics** based on Direct3D, run a custom installation and select the corresponding feature (no longer installed by default).

Recommended reading in online help:

- Installation
 - Deployment → Hardening guide
 - Deployment → Project and library → Project and library migration
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System requirements

Operating systems

Only operating systems from the Microsoft® families of Windows 10, Windows 11, Windows Server 2019, Windows Server 2022 and Windows Server 2025 are supported.

We recommend you use Windows Client versions for operator stations and Windows Server versions for server stations.

Supported and operational

- Windows 10 LTSC 2019 (1809) and LTSC 2021 (21H2) - Enterprise Edition
- Windows 11 24H2 or later - Professional and Enterprise Editions
- Windows 11 LTSC 2024 (24H2) - Enterprise Edition
- Windows Server LTSC 2019 (1809) - Standard and Datacenter Editions
- Windows Server LTSC 2022 - Standard and Datacenter Editions
- Windows Server 2025 - Standard and Datacenter Editions

All operational versions of Windows Server shall be installed with the 'Desktop Experience' option.

Operational but may have limitations in use

Please contact the technical support before using:

- Windows 10 IoT Enterprise LTSC 2019 and IoT Enterprise LTSC 2021, Windows 11 IoT Enterprise, Windows Server IoT 2019, Windows Server IoT 2022, Windows Server for Embedded Systems and all other embedded systems
- Any operating system hosted in a system virtual machine such as Microsoft® Hyper-V, VMWare®, or Proxmox® VE virtualization products

NOT supported

- All other versions of Windows 10 - In particular Windows 10 version 1507 (RTM), 1511 (Nov 2015 update) and 1607 are not supported
- Windows 10 IoT Core
- All other versions of Windows 11 - In particular Windows 11 21H2, 22H2 and 23H2 are not supported
- Windows Server installation in Nano Server or Server Core mode

For all operational versions of Windows 10 and Windows 11, only the x64 processor architecture is supported.

The software requires .NET Framework 4.8 and cannot run on an operating system if .NET Framework 4.8 is not preinstalled or cannot be installed separately.

For all platforms, we recommend that you apply any critical updates available from the Windows Update web site.

For any other Microsoft® operating system, please contact the Technical Support.

WebVue & WebScheduler - Supported Web browsers

Desktop web browsers:

- Google Chrome™ 144 and later
- Mozilla Firefox™ 139.0 and later
- Microsoft Edge™ 144 and later
- Apple Safari® for MacOS® 26.2 and later

Mobile web browsers:

- Google Chrome™ for Android™ 144 and later
- Microsoft Edge™ Mobile 144 and later
- Apple Safari® for iOS™ 18.7.3 and later
- Android WebView™ 144 and later

TouchVue & SnapVue - Supported Mobile operating systems

At the time of writing, the list of supported platforms for the TouchVue and SnapVue mobile apps is:

- Android™ 9.0 onward (RAM 2 Gb minimum)
- iOS™ & iPadOS™ 16.4 onward

TouchVue and SnapVue are available on Google Play™ and the App Store. Please refer to the relevant store to check compatibility with your mobile device.

Microsoft® SQL Server

Using the HDS for database archiving requires one of the following SQL Server versions:

- SQL Server 2017
- SQL Server 2019
- SQL Server 2022
- SQL Server 2025

The HDS supports the following OLE DB drivers from Microsoft:

- MSOLEDBSQL up to version 19 included (recommended)
- SQLOLEDB

Depending on your needs and their specific constraints, any of the following editions can be used for each of the above: Express, Workgroup, Web, Standard, Business Intelligence, Enterprise and Datacenter.

SQL Server administration requires Microsoft® SQL Server Management Studio.

For more information and download, refer to

<https://docs.microsoft.com/sql/ssms/download-sql-server-management-studio-ssms>

Minimum hardware requirements

- Processor - x64-compatible AMD or Intel CPU (or equivalent) - 1.4 GHz dual core minimum.
- System Memory(*) - 8 GB of RAM.
- Storage - At least 10 GB available (project and archive data not included).
- System firmware - UEFI, Secure Boot capable.
- TPM - Trusted Platform Module version 2.0.
- Graphic card - Compatible DirectX 12 or later with WDDM 2.0 driver for Windows Client hosts.
- Display for Windows Client hosts - High definition (720p) display that is greater than 9" diagonally, 8 bits per color channel.
- Display for Windows Server hosts - Integrated or dedicated graphics and monitor capable of Super VGA (1024 x 768) or higher resolution.
- Network Interface Card - At least 1.
- Ports - An available USB port is required if you use a hardware protection dongle.

Mounting a logical DVD drive based on an .iso file is required for installation from a downloaded package.

A DVD drive is required for installation from physical media.

(*) If you are using SQL Server, additional memory may be required. See the following topic in the online help for more information: Microsoft SQL Server related considerations.

(*) If you are using RDS (Remote Desktop Services) or IIS (web server), please contact the Technical Support for advice about memory requirements.

The above figures represent the minimum requirements. For advice on specific applications, please contact the Technical Support.

Installation

For information about the Microsoft® Windows user privileges required to install and run the product, see the following topic in the online help: Operating system related considerations.

See the Installation help for more information and help about prerequisites and the installation process itself.

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