

Connect Software

Building X



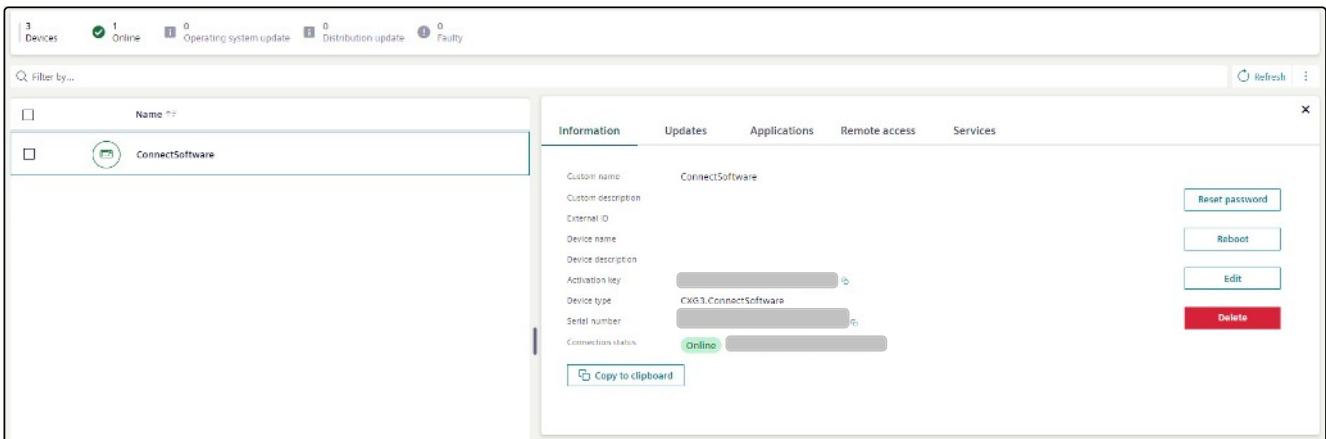
Connect Software for the cloud integration of Siemens Smart Infrastructure as well as third-party systems.

- Secure connection between the Connect Software and the cloud
- System level integration between the Connect Software and the field devices
- System level integration of a broad range of devices and protocols such as BACnet/IP and Modbus/IP (depending on the application)
- Connection types such as Ethernet or Wireless (depending on the underlying machine)
- TCP/UDP-based protocols
- MQTT messaging protocol
- Remote operation & monitoring
- Remote access, update, and configuration

buildingx.siemens.com

Secure Connection Between the Connect Software and the Cloud Service

Provides a cloud integration level for connecting securely the Connect Software to the Cloud Service.



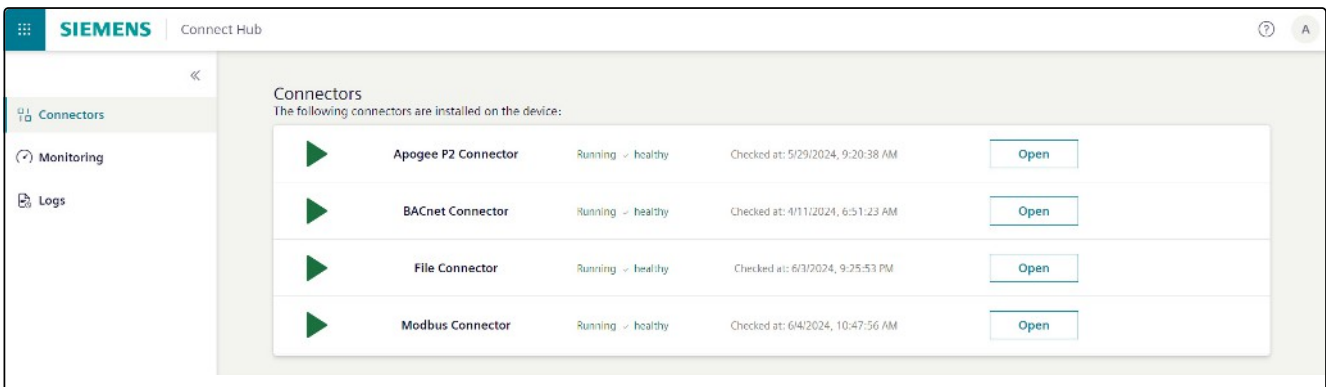
System Level Integration Between the Connect Software and the Field Devices

Provides a system integration level serving as the connecting point between the Connect Software and the devices that are connected to the underlying physical machine, such as controllers, sensors, and actuators in the building.

System Level Integration of a Broad range of Devices and Protocols such as BACnet/IP and Modbus/IP (Depending on the Application)

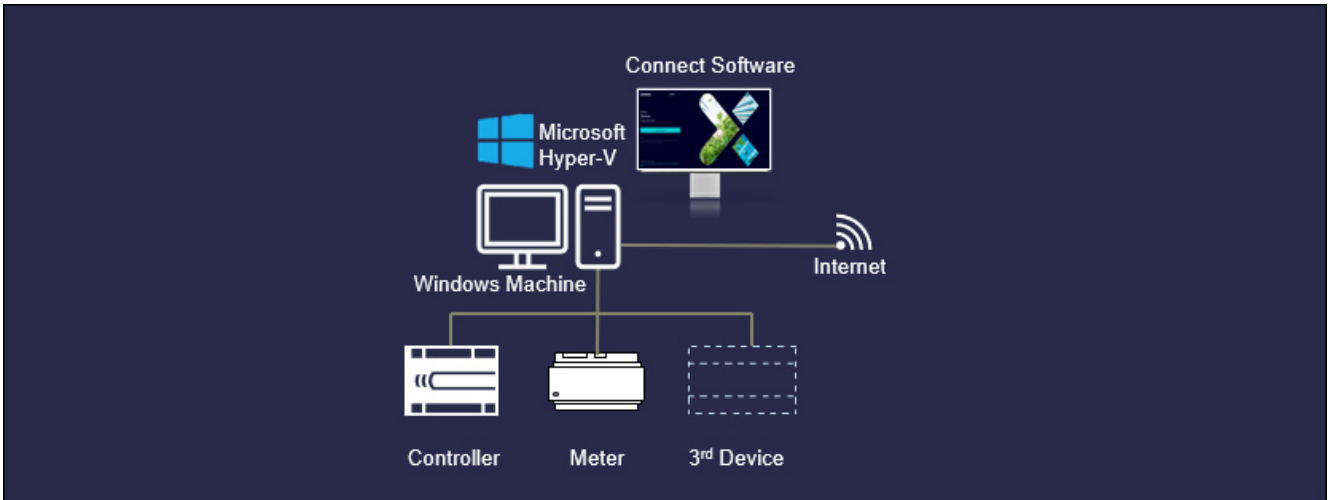
A broad range of devices can be integrated on the system level. Connect Software supports various IP based communication protocols (depending on the edge application) and securely transmits the data to the Cloud Service.

The specific set of functions may vary according to the region, the connected system, or the application. Detailed information about the latest supported functions can be found in the release notes of the installed software.



Software on-the-edge, powered by virtualization technology

The Connect Software runs in the virtual machine on the hypervisor of a given physical machine based on Windows Operating System and supports Ethernet or Wireless connection types.



Remote Web Access

Provides remote access to the local user interface of the Connect Software.

Accounts Application

Ability to manage users with a role-based access control. New users can be invited to access the Cloud Service and given appropriate access rights via user groups. Users can log in with two-factor authentication and manage their user account themselves. Data can be logically grouped into partitions and given access via user groups.

Devices Application

Ability to manage Connected Devices compatible with the Cloud Service.

Data Hosting and Data Usage

Hosts and processes personal and non-personal data in data centers located in Europe. For information regarding processing of personal data and locations Customer may refer to the Data Privacy Terms.

Ask Building X

Ability to ask questions in different languages about Building X technical information, utilizing GenAI.

Subscription

The subscription plan depends on the agreement between Customer and Siemens.

1) Standard Subscription Plan if the customer purchases the subscription via the Siemens online store

	Connect Software
Functions	All
Subscription metric	per Connect Software per year
Subscription term	Annually, auto-renewal
Billing term	Annually, payment in advance
Upscale	Effective immediately, pro-rated billing
Downscale/Cancellation	Effective with end of subscription term
Connected Devices	To be purchased separately
Permitted Users	Unlimited, Extended Use

The Connect Software subscription plan is the regular, scalable Offering for this Cloud Service. The subscription term is twelve (12) months with automatic renewal; the Cloud Service fee is paid in advance. The subscription plan can be upscaled at any time and Cloud Service fees for upscales are calculated on a pro-rated basis. The Customer can also scale down the Cloud Service effective with the end of the current subscription term. The subscription fee will be adjusted for the upcoming billing term. The Cloud Service can be cancelled any time, effective with the end of the current subscription term.

The subscription plan can be purchased in packages according to the project needs. The subscription plan assumes at least one Connect Software per one Connect Software Subscription is connected.

Customer may purchase additional required Cloud Services separately.

Extended Use entitles Customer to authorize its Affiliates and third parties to access and use the Cloud Services in accordance with the rights set out in the Terms and Conditions.

2) Custom Subscription Plan

Any subscriptions that are not purchased via a Siemens online store are Custom Subscription Plans. Under a Custom Subscription Plan the details regarding functions, subscription metric, term, billing, up- and downscaling, Connected Devices as well as Permitted Users are set out in the agreement between the Customer and Siemens.

Prerequisites

All systems, including the software applications that are deployed on a customer site, should be dimensioned according to size and operating system compatibility.

Minimum Software Requirements

The Connect Software runs on the following Microsoft operating systems and editions:

- Windows 10 or Windows 11 Professional
- Windows Server 2022 or Windows Server 2019

Hyper-V

- Hyper-V enabled
- Hyper-V Manager V.10 or newer

VMWare ESXi

- Version 7.0 or Version 8.0

Minimum Hardware Requirements

- X.86 based CPU architecture
- 4 CPU cores
- 4GB RAM
- 10GB free hard disk space

Web browser and Viewing Devices

Chrome is recommended to use the Cloud Service, but other standard browsers might also serve this function. Screen resolution of 1920x1080 pixels or higher is recommended for best user experience.

Internet Connection

The bandwidth of Customer's internet connection determines the performance of the Cloud Service.

Administrative privileges

Administrative privileges, and an administrator account are required to setup the Connect Software.

Ordering

To order a subscription plan and connected devices, Customer must request a quote from its Siemens sales representative.

Product Documentation

1) Product Documentation under a Standard Subscription Plan

General Contractual Documents	Links
Building X - Connect Software Data Sheet	www.siemens.com/buildingx/data-sheet/connect-software

General Contractual Documents	Links
Supplemental Terms for Buildings	www.siemens.com/buildingx/data-sheet/supplemental-terms
General Software Terms and Cloud Supplemental Terms	https://www.siemens.com/si/cloud/terms
Base Terms International	https://www.siemens.com/si/cloud/terms
Siemens Acceptable Use Policy	https://www.siemens.com/si/cloud/terms
Minimum Terms	www.siemens.com/buildingx/data-sheet/minimum-terms
Data Privacy Terms	https://www.siemens.com/dpt/si
Data Privacy Terms Annexes Building X	https://www.siemens.com/dpt/si
EU Data Act	https://www.siemens.com/buildingx/terms

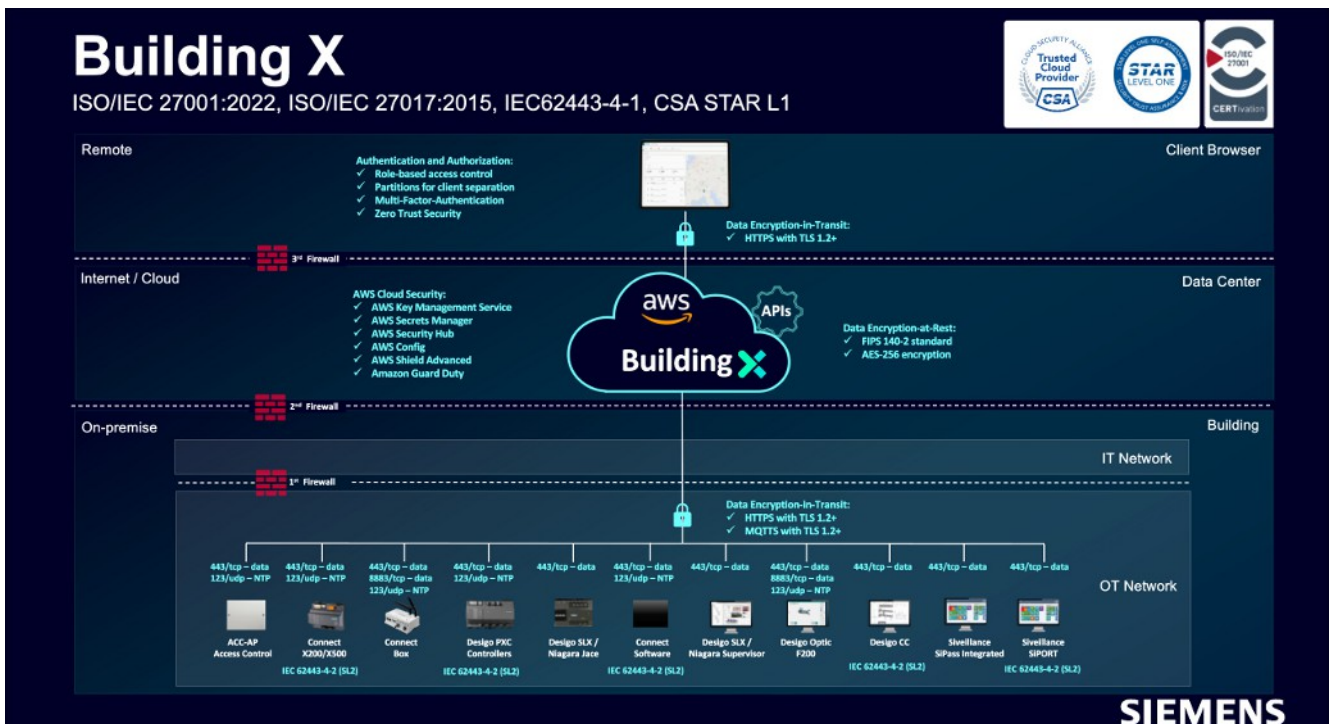
2) Product Documentation under a Custom Subscription Plan

The contractual documents and the Product Documentation are set out in Siemens' offer to the Customer.

3) Technical Documents

Technical Documentation	Link
Building X - Online help	www.siemens.com/buildingx/sid

Topology



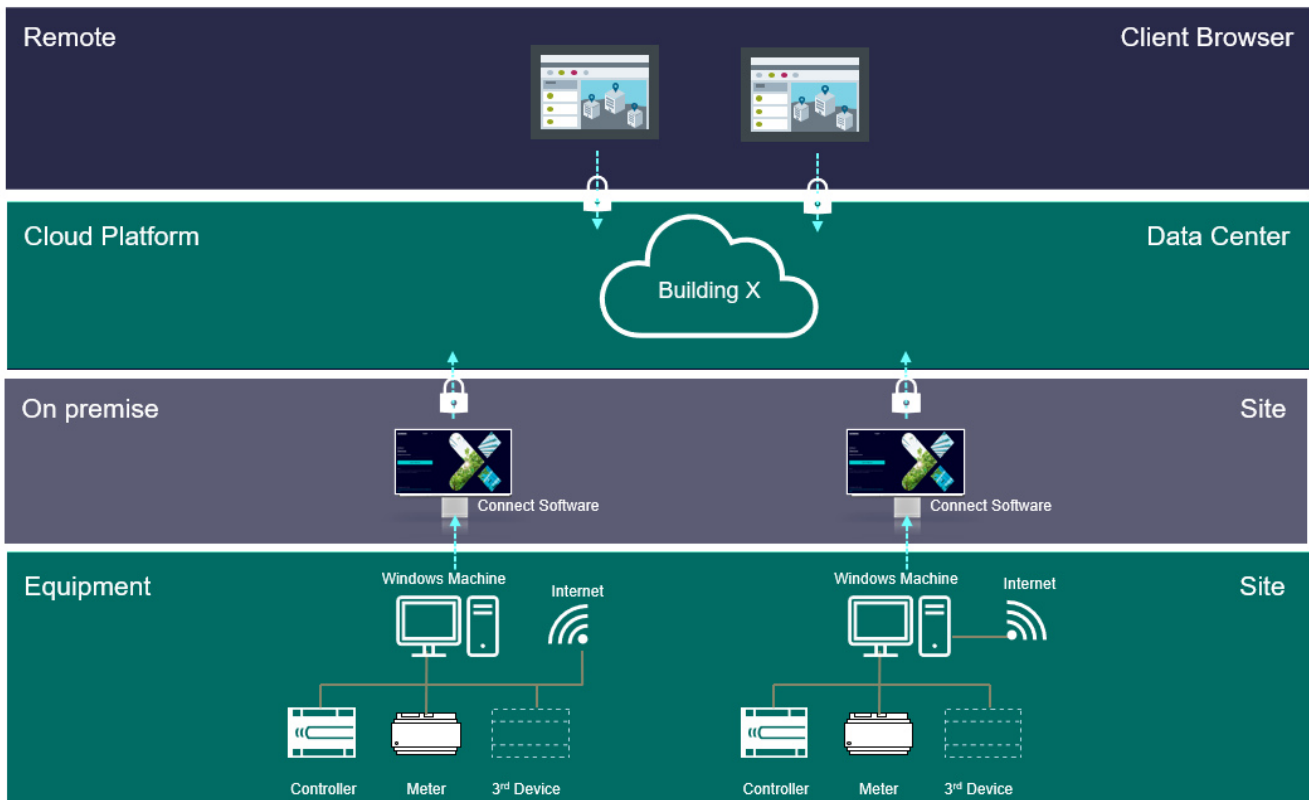
The topology shows the superset of possibilities for connecting data to Building X. The options available for this Digital Service can be found in the list of supported connected devices and third-party software connectivity.

Data communication between the Connected Devices on-premises and the Cloud Service requires internet connectivity (to be provided by the Customer).

Topology

The Connect Software is a virtual edge device (virtual cloud gateway device), designed to connect physical machines based on Windows Operating Systems and the equipment connected underneath, to the Cloud Service.

- **On premise:** Includes the physical devices such as controllers, sensors, and actuators in the building. It does also include the physical and virtual connectivity edge devices that are installed on Customer sites.
- **Cloud platform:** Includes the platform services of Building X.
- **Remote:** Includes the supported Cloud SaaS Applications of Building X.



Data communication between the Connected Devices on-premises and the Cloud Service requires internet connectivity (to be provided by the Customer).

Specific Terms

Software Updates for Connected Devices

Siemens has sole discretion to push Connected Device updates, including any security patches, from its platform to each of the Connected Devices that use the Cloud Services in accordance with the Building Products Specific Terms.

High-Risk Use

Customer acknowledges and agrees that:

- a) the Offerings are not designed to be used for the operation of or within a High-Risk System if the functioning of the High-Risk System is dependent on the proper functioning of the Offerings; and
- b) the outcome from any processing of data through the use of the Offerings is beyond Siemens' control.

Service Level Agreement

Siemens shall use commercially reasonable efforts to make the Cloud Services available for a monthly uptime percentage of ninety-eight percent (98%).

Except for:

- a) Planned downtime, agreed downtime, routine and emergency maintenance,
- b) Cyberattacks,
- c) the public, third party and/or customer's internet and communications networks,
- d) data, software, hardware, telecommunications, infrastructure, power, build-packs or networking equipment not provided by Siemens,
- e) Customers and Users negligence or failure in using the Cloud Service and/or in not following the instructions of published documentation,
- f) system configurations and platforms not supported by Siemens,
- g) system administrations, action, commands and file transfers of Customer or User,

- h) modifications or alterations not made by Siemens,
- i) unauthorized access via Customer's credentials and/or
- j) any other failure outside of Siemens reasonable control.

Customer Support

Siemens offers helpdesk support. Customer may contact its local Siemens representative for support requests. Customers can also submit a support request online: <https://www.siemens.com/support-request>.

Terms of Use for the Connected Devices

Customer is solely responsible for the correct configuration, security and use of the Connected Devices after installation at the connected site, ensuring that the Connected Device can connect with the service and that the content, integrity, security and accuracy of the data being transferred is correct, up-to-date, and regularly monitored.

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