

Product and service data sheet

## Building Operator

Type 1: Manually renewable subscription



**Building Operator remotely operates and monitors building equipment including heating, ventilation, and air conditioning as well as applications and meters for a fleet of connected sites.**

- Multi-site overview
- View live and historical values
- Command data points
- Remotely access available on-premise web applications within the connected building automation control system

### URL

<https://buildingoperator.siemens.com>

### Multi-site overview

Provides an overview of all connected sites, as well as connectivity state and aggregated event state on each of the connected sites.

### Real-time visibility and operation

Provides operation and real-time updates of connected sites. Data point values are updated on-the-fly and commands issued from the service are processed immediately, down to the building automation control level.

### Data history and trend analysis

Automatically logs and stores values and events on all data points connected to the service. It presents the data history in interactive charts for users to view the trend over different time periods, while also highlighting potential issues requiring user attention.

### Remote web access

Remotely accesses available web applications residing within the remote building automation control network at the connected site.

### Self-administration

Allows administration by the customer. New users can be invited to access the service once the administrator has signed up the company for the service and activated a subscription.

### User management

Provides role-based access control.

### Data hosting

Stores and processes data in data centers located in Ireland. Please refer to the Data Processing Agreement for information on processed personal data.

### Device management

Manages Siemens Cloud-enabled devices, including Connect X300 and Intelligent Valve.

## Subscription

### Pricing model

#### Standard

The standard subscription plan is the regular, scalable offering for this service. The subscription term is twelve (12) months with manual renewal; the service fee is paid in advanced.

#### Add-on

Add-on subscriptions scale the capabilities of the service. The service fee is paid prior to activation and the subscription term is for one year. Add-ons can be activated at any time during a valid Standard subscription term.

#### Renewal

The subscription term renews automatically: Repeat the purchase procedure under the Master Order Form for Digital services with Siemens.

#### Free trial

New customers of the service may start with a free trial for up to 6 months to test the service offering. The free trial offers full functionality for one site. You can continue the service at any time during the free trial period by upgrading to the standard subscription plan.

The free trial expires automatically and cannot be extended or renewed. There are no refunds for expenses or materials in the event the service is discontinued after the free trial. Any hardware required for the free trial must be procured separately and is not considered part of the free trial.

## Subscription plan

	Free trial	Standard
<b>Sites</b>	1	Unlimited
<b>Data points</b>	500	500
<b>Remote web access</b>	Enabled	Enabled
<b>Data history</b>	Enabled	Enabled
<b>Scale</b>	n/a	<b>Add-on</b>
		+500 data points
<b>Subscription fee</b>	Free of charge	Contact Siemens for current pricing and the Master Order Form
<b>Subscription term</b>	6 months, one-time	1 year
<b>Billing term</b>	n/a	Annually, upfront
<b>Renewable</b>	No	Yes
<b>Upgradable</b>	Standard	n/a
<b>Hardware devices</b>	Not included	Not included

## Prerequisites

### Contractual documents

Your company must sign a Master Order Form for Digital Services with your local Siemens entity to use the service. The Master Order Form forms, as the specification for this service as well as any additional appendices to the same, an integral part of the Digital Service Agreement (DSA) together with this Product and Service Data Sheet (PSDS). The documents listed below together form the contractual documents for the service.

### Subscription

A valid subscription, i.e., ordered and accepted in accordance with the Master Order Form, is required to use the service.

### Supported Siemens Cloud-enabled devices

The service is currently only compatible with commercially available Siemens gateways manufactured under the Connect brand (the Connect gateway family). A description of Connect gateways is provided below. A Connect gateway must be purchased and installed on premise at a site specified by you in accordance with a separate agreement between your company and Siemens to use the service. You are responsible for installing the Connect gateway at the site and any associated costs to perform said service in accordance with related documentation for the gateway.

	List of supported Siemens cloud enabled devices
<b>Connect X300</b>	The Connect X300 gateway is powered with DC 24V and may require an enclosure. The Connect X300 gateway includes embedded software (for example, firmware and factory installed applications collectively referenced herein as Connect Software) to supply building equipment data to this service.
Intelligent Valve	Intelligent Valve is powered with AC 24V. Intelligent Valve includes embedded firmware (MR3 or higher) to supply valve control gateway data to this service, depending on the configured application.

### Web browser and viewing devices

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

### Internet connection

The bandwidth of your internet connection determines the performance of the service.

## Ordering

	Order number	Article type	Description
<b>Free trial service</b>	P55811-Y101-A100	CLD.BO.TRL	Building Operator free trial, 500 data points; 1 site, 6-month subscription
<b>Standard service</b>	P55811-Y100-A100	CLD.BO.STD	Building Operator standard, 500 data points; 1-year subscription
<b>Add-On service</b>	P55811-Y100-A101	CLD.BO.ADD	Building Operator Add-On, 500 data points; 1-year subscription
<b>Connect X300 gateway</b>	S55842-Z121-A100	CXG3.X300	Connect X300 for building data integration, max 500 data points. Note: Power supply enclosures and related accessories (DIN rail, wires and materials for the connected site) are not included!
<b>Intelligent Valve</b>	S55300-M100 S55300-M101 S55300-M102 S55300-M103 S55300-M104 S55300-M105 S55300-M106 S55300-M107 S55300-M108 S55300-M109	EVG4U10E015 EVG4U10E020 EVG4U10E025 EVG4U10E032 EVG4U10E040 EVG4U10E050 EVF4U20E065 EVF4U20E080 EVF4U20E100 EVF4U20E125	Intelligent Valve is a sensor-controlled pressure independent control valve with built-in cloud connectivity. Note: Minimum required firmware version is MR3.
<b>Ordering</b>	Please request a quote from your Siemens contact person to order the service. If you have already signed a Master Order Form for Digital Services with Siemens, you can go to Siemens Industry Mall ( <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a> ) and order the required material.		

Contractual documents	Document ID
Master order form for Digital Services	n/a
Digital service agreement for Americas	A6V11913125
Digital service agreement for Asia Pacific region	A6V11913127
Digital service agreement for Europe, Middle East, Africa	A6V11913130
Building Operator product & service data sheet (Type 1)	A6V11913114
Building Operator product & service data sheet (Type 2)	A6V12016610

Supplementary contractual documents	Document ID
Data processing agreement for European Union countries (GDPR)	A6V11913092
Data processing agreement attachment	A6V11913118
Minimum terms and acceptable use policy passed on to the customer	A6V11913116

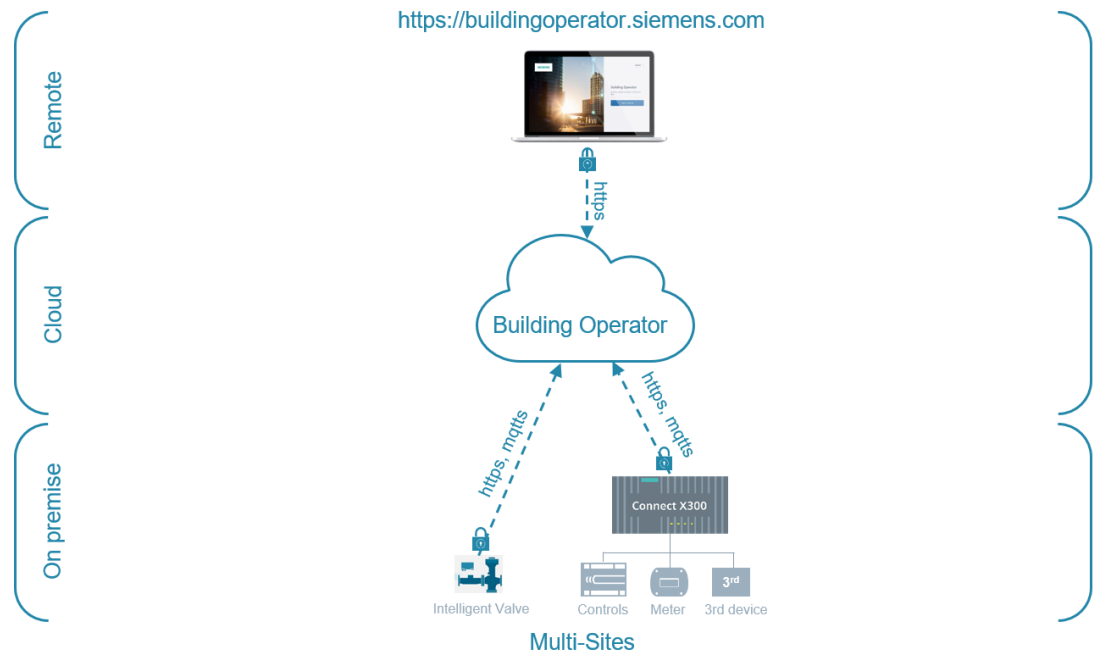
Contractual documents can be downloaded at the following Internet address:

<https://www.siemens.com/ Contractual documents si/cloud/terms>

Technical documents	Document ID
Connect X300 data sheet	A6V11473182
Connect X300 quick install guide	A6V11508811
Connect X300 4G dongle	A6V12059208
Account Manager user guide	A6V12050070
Asset Manager user guide	A6V12060067
Building Operator user guide	A6V11881696
Building Operator engineering guide	A6V11881627
Intelligent Valve engineering guide	A6V11999683
Intelligent Valve – BACnet objects	A6V11757108
Building Operator cyber security guideline	A6V11852371

Technical documents can be downloaded at the following Internet address:

<http://siemens.com/bt/download>



Data communication between Building Operator cloud application and on-premise devices requires Internet connectivity (to be provided by the customer).

Specific terms

**Terms of use for the hardware device at the connected site**

You are solely responsible for the correct configuration, security and use of the hardware device after installation at the connected site, ensuring that the hardware 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.

**Software updates for hardware device**

Siemens has sole discretion to push hardware device updates, including any security patches, from its platform to each of your hardware devices that use services purchased by you in accordance with terms specified in the Master Order Form.

**Third-party terms for use of service**

This service may include third-party software services, including open-source software and/or commercial software that is distributed when accessing this service. Such third-party software may be subject to additional or different terms, license rights, or require certain notices by their licensors, which we are obliged to pass on to you as your licensor and to which you agree to abide. The corresponding license terms can be found in the service under Info.

**Support**

Customer support can be contacted via the support request wizard at any time. Link:

(<https://support.industry.siemens.com/cs/ww/en/my>).

Customer support operates during normal office hours, typically Monday through Friday, 8:00 am to 5:00 pm, excluding national and local holidays. Support is available in English and in the local language in most countries.