

### Edge Device System Data



#### **EU Data sharing information**

**On 11 January 2024, the EU Data Act, a central component of the European data strategy, entered into force.**

**The following information gives you an overview of the data of our products and which are available to you.**

## TYPE, FORMAT, AND ESTIMATED AMOUNT OF PRODUCT DATA THAT CAN BE GENERATED

Data type	Data format	Estimated size
Event data	Json	Depends on customer installation and events
Latest data points (input and output)	Binary	Latest data for each gateway
Communication configuration (fieldbus, gateways, ...)	Binary	Size according to customer's project
Internal device diagnostic information (CPU, RAM usage)	Json	A few KB per day
Logs	syslog	Up to 64 MB according to the device types

### Continuous and real-time data generation

The Edge Device system can generate data continuously and in real time. The Data collection is continuous throughout operation. The CPU works with defined cycle times in which process data is recorded and processed.

- Building automation networks are processed during normal system operation continuously. Such data are ephemeral and only the latest information is kept in the system.
- Events, updates to peripheral devices, and actuations can occur spontaneously during normal system operation.

## DATA STORAGE AND STORAGE PERIOD

### Local data storage

The Edge Device stores data in integrated memory areas of the CPU or cloud services (depending on application/setup).

Local Data Storage	Capacities	Storage Duration
Firmware	Up to 320 MB	Persistent (permanent)
Application code, data and configuration	Up to 256GB	Persistent (permanent)
Internal device diagnostic information (CPU, RAM usage)	Up to a few MB	In RAM for live transmission to cloud
Logs	Up to 64 MB	In RAM and Persistent (permanent)

### Remote data storage

Data transmission to external systems is possible via communication interface such as BACnet, BuildingX Cloud connection.

The Edge Device systems can send data to various remote systems, e.g. BMS systems, cloud platforms (BuildingX). The storage period on external systems depends on the configuration of the respective system.

Type of data	Access/retrieval via	Terms of Use
Latest data points (input and output)	BMS System BuildingX	accessible by local BMS systems and BuildingX cloud applications
Communication configuration (fieldbus, gateways, ...)	Local Web server BuildingX	Available to access/delete through user cloud web interface or API
Application	BuildingX	Available to access/delete through user cloud web interface or API

**Deletion of data**

- Factory reset on the Edge Device can remove all data and reset the Edge Device to out-of-factory state.
- Specific configurations can be deleted by the user from the cloud web interface or local web server API.