

Desigo Optic System Data & Desigo Control Point



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.

1 Desigo Optic System Data

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

Please note, Optic supports multiple hardware platforms (including a PC platform). The typical embedded hardware platform is the F200 device.

Data type	Data format	Estimated size
Current process values (includes programs)	Binary	For F200: 40 programs. Otherwise sized according to customer's project
Engineered datapoints and object hierarchies	Binary	For F200: 3000 total points, 600 history points, 75 alarm points, 40 schedules Otherwise sized according to customer's project
Event and alarm data	Binary	Size according to customer's project
Historical data (values, activities, notification, power)	Binary	Size according to customer's project
Application data (graphics, dashboards, charts)	Binary	For F200: 20 graphics (30 points with 2 images). Otherwise sized according to customer's project
Copy of imported data sources (CSV, manuals)	Binary	Size according to customer's project
Logs	Text	100-10000 lines per day

Continuous and real-time data generation

The Desigo Optic 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.

DATA STORAGE AND STORAGE PERIOD

Local data storage

The Desigo Optic system stores data on physical disks.

Local Data Storage	Capacities	Storage Duration
Current process values (includes programs)	Size according to customer's project	Persistent (permanent)
Engineered datapoints and object hierarchies	Size according to customer's project	Persistent (permanent)
Event and alarm data	Size according to customer's project	Persistent (permanent)
Historical data (values, activities, notification, power)	Size according to customer's project	Persistent (permanent)
Application data (graphics, dashboards, charts)	Size according to customer's project	Persistent (permanent)
Copy of imported data sources (CSV, manuals)	Size according to customer's project	Persistent (permanent)
Logs	Max 10000 entries ring buffer. Cleaned up after 120 days	Persistent (permanent)

Remote data storage

Data transmission to external systems is possible via the BuildingX connector Extension module or Edge2Cloud.

The Desigo Optic system can send point and model data to various remote systems, e.g. 3rd party 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	Quality of Service*
Current process values (includes programs)	Browser client Northbound APIs	User Authentication and Authorization in Desigo Optic	Encrypted data transmission Password data is hashed
Engineered datapoints and object hierarchies	Browser client Northbound APIs	User Authentication and Authorization in Desigo Optic	
Event and alarm data	Browser client Northbound APIs	User Authentication and Authorization in Desigo Optic	
Historical data (values, activities, notification, power)	Browser client Northbound APIs	User Authentication and Authorization in Desigo Optic	
Application data (graphics, dashboards, charts)	Browser client Northbound APIs	User Authentication and Authorization in Desigo Optic User Authentication and Authorization to the server	
Copy of imported data sources (CSV, manuals)	Browser client Northbound APIs	User Authentication and Authorization to the server	
Logs	Browser client Northbound APIs	User Authentication and Authorization to the server	

* "Quality of Service" refers to the ability of the products to efficiently manage data and ensure that security requirements are met during data transmission and persistence.

Deletion of data

Data deletion from the system is carried out at the customer's discretion, based on their specific needs. The responsibility for data removal rests entirely with the customer. Customers can define policies to automatically purge old data from the system for logs, historical and alarm information.

2 Desigo Control Point

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

Desigo Control Point runs on an embedded device with a touch screen interface.

Data type	Data format	Estimated size
Current process values (includes programs)	Binary	1000 BACnet points max. Other data sized according to customer's project
Engineered datapoints and object hierarchies	Binary	Size according to customer's project
Event and alarm data	Binary	Size according to customer's project
Historical data (values, activities, notification, power)	Binary	Size according to customer's project
Application data (graphics, dashboards, charts)	Binary	Max 20 graphics. Other data sized according to customer's project
Copy of imported data sources (CSV, manuals)	Binary	Size according to customer's project
Logs	Text	100-10000 lines per day

Continuous and real-time data generation

The Desigo Control Point 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.

DATA STORAGE AND STORAGE PERIOD

Local data storage

The Desigo Control Point system stores data on physical disks

Local Data Storage	Capacities	Storage Duration
Current process values (includes programs)	Size according to customer's project	Persistent (permanent)
Engineered datapoints and object hierarchies	Size according to customer's project	Persistent (permanent)
Event and alarm data	Size according to customer's project	Persistent (permanent)
Historical data (values, activities, notification, power)	Size according to customer's project	Persistent (permanent)
Application data (graphics, dashboards, charts)	Size according to customer's project	Persistent (permanent)
Copy of imported data sources (CSV, manuals)	Size according to customer's project	Persistent (permanent)
Logs	Max 10000 entries ring buffer. Cleaned up after 120 days	Persistent (permanent)

Remote data storage

Desigo Control Point does **not** transmit data remotely to BuildingX or Edge2Cloud. However, data can be requested via REST API interfaces...

The storage period on external systems depends on the configuration of the respective system.

Type of data	Access/retrieval via	Terms of Use	Quality of Service*
Current process values (includes programs)	Browser client Northbound APIs	User Authentication and Authorization in Desigo Control Point	Encrypted data transmission Password data is hashed
Engineered datapoints and object hierarchies	Browser client Northbound APIs	User Authentication and Authorization in Desigo Control Point	
Event and alarm data	Browser client Northbound APIs	User Authentication and Authorization in Desigo Control Point	
Historical data (values, activities, notification, power)	Browser client Northbound APIs	User Authentication and Authorization in Desigo Control Point	
Application data (graphics, dashboards, charts)	Browser client Northbound APIs	User Authentication and Authorization in Desigo Control Point User Authentication and Authorization to the server	
Copy of imported data sources (CSV, manuals)	Browser client Northbound APIs	User Authentication and Authorization to the server	
Logs	Browser client Northbound APIs	User Authentication and Authorization to the server	

* "Quality of Service" refers to the ability of the products to efficiently manage data and ensure that security requirements are met during data transmission and persistence.

Deletion of data

Data deletion from the system is carried out at the customer's discretion, based on their specific needs. The responsibility for data removal rests entirely with the customer. Customers can define policies to automatically purge old data from the system for logs, historical and alarm information.