SIEMENS

Data Sharing Information

Building X

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 Building X and how they are made available to you.

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

Data type	Data format	Estimated size
Point configurations	JSON	600–1200 bytes per point configuration
Point time series	CSV / JSON Lines / Parquet (Data Lake export/share)	~200 bytes per point value on average
Alarm configurations (live in Point Service)	JSON via Point APIs	Order of magnitude KB per alarm configuration
Alarm transitions / history	CSV / JSON Lines / Parquet	~1.8 KB per event on average (prod DB payload)
Device Data	JSON	Dependant on the number of entities. Usually in the magnitude of kilobytes.
Device Configuration	JSON	Dependant on the number of entities. Usually in the magnitude of kilobytes.
Device Features	JSON	Dependant on the number of entities. Usually in the magnitude of kilobytes.
Equipment	JSON	Dependant on the number of entities. Usually in the magnitude of kilobytes.
Edge Apps Configurations	JSON	Dependant on the number of entities. Usually in the magnitude of kilobytes.

Continuous and real-time data generation

Building X can generate data continuously. Devices/connectors publish on fixed cycles or on change; the platform persists measurements in AWS and replicates them to the Data Lake for analytics and export. The CPU works with defined cycle times in which process data is recorded and processed.

DATA STORAGE AND STORAGE PERIOD

Local data storage
Data is stored in integrated memory areas of the CPU or on memory card or cloud services (depending on application/setup).

Local Data Storage	Capacities	Storage/Retention Duration
AWS Services	Serverless	Until the customer requests deletion (ISO 27001 processes)
AWS Services	Virtually unlimited object storage	Until the customer requests deletion (ISO 27001 processes)

For more information on memory areas, remanence, and memory usage, see the data sheet and user manual.

Remote data storage

For more information on memory areas, remanence, and memory usage, see the data sheet and user manual.

ACCESS / RETRIEVAL, DELETION OF DATA, TERMS OF USE AND QUALITY OF SERVICE

Type of data	Access/retrieval via	Terms of Use	Quality of Service*
Point configurations	Point APIs	Siemens Cloud Terms	Building X API QoS
Point timeseries	Data Lake export	Siemens Cloud Terms	Throughput depends on volume/window; governed Lake Formation permissions
Alarm configuration (in Point)	Point APIs	Siemens Cloud Terms	Building X API QoS
Alarm transitions / history	Data Lake export	Siemens Cloud Terms	Throughput depends on volume/window; governed Lake Formation permissions
Device Data	Device APIs	Siemens Cloud Terms	Building X API QoS
Device Configuration	Device	Siemens Cloud Terms	Building X API QoS
Device Features	Device APIs	Siemens Cloud Terms	Building X API QoS
Equipment	Equipment APIs	Siemens Cloud Terms	Building X API QoS
Edge Apps Configurations	EAM APIs	Siemens Cloud Terms	Building X API QoS

* "Quality of Service" refers to the ability of the system to efficiently manage network resources and ensure that certain performance requirements are met during data transmission.

Deletion of data/ Customer Support

Siemens offers helpdesk support. Customer may contact its local Siemens representative for support requests. They can also reach out to https://www.siemens.com/support-request.

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