

Climatix IC Cloud 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
Cloud Item description	JSON via Northbound API	~ 600 bytes – >10 Kbytes per cloud item descriptions
Current cloud item value	JSON via Northbound API	~ 90 bytes – >4 Kbyte bytes per cloud item value
Cloud item historical data	JSON via Northbound API CSV via user interface	~ 150 Bytes per cloud item value
Current Alarms and History	JSON via Northbound API	~ 500 Bytes per alarm value
Plants	JSON via Northbound API	~ 1 Kbyte - >4 Kbyte
Application Sets	JSON and binary via Northbound API	~ 2 Kbytes – ~5 Mbytes

Continuous and real-time data generation

The Climatix system can generate data continuously and in real time. The Data collection is continuous throughout operation. Devices publish on fixed cycles or on change. Climatix IC cloud receive this data continuously and persists them in the Azure table store or SQL data base for analytics and export via Northbound API.

DATA STORAGE AND STORAGE PERIOD

Local data storage

The Climatix IC cloud stores data in Azure table and SQL database.

Local Data Storage	Capacities	Storage Duration
Azure Storage system	Unlimited	Depending on the customer contract the data will be deleted after the contractual defined period or the defined amount of entries.

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

Remote data storage

Data transmission to external systems is possible via Northbound API export. Also, the customer can connect to his own storage system to receive the controller data.

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

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

Type of data	Access/retrieval via	Terms of Use	Quality of Service*
Cloud Item description	API Endpoints: /DataPoints	Siemens Cloud Terms	Northbound API depending on contractu-

	/ViewNode		al defined amount of request
Current cloud item value	API Endpoints: /DataPoints/Values /Analytics/DataPoints	Siemens Cloud Terms	Northbound API depending on contractual defined amount of request
Cloud item historical data	API Endpoints: /DataPoints/{id}/EnumerateHistory /Analytics/DataPoints/{id}	Siemens Cloud Terms	Northbound API depending on contractual defined amount of request
Current Alarms and History	API Endpoints: /DataPoints/{id}/EnumerateHistory /Analytics/DataPoints/{id}	Siemens Cloud Terms	Northbound API depending on contractual defined amount of request
Plants	API Endpoints: /Plants /Analytics/Plants /Analytics/PlantMetadata	Siemens Cloud Terms	Northbound API depending on contractual defined amount of request
Application Sets	API Endpoints: /ApplicationSets	Siemens Cloud Terms	Northbound API depending on contractual defined amount of request

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

Deletion of data

Deletion of data is also available over the northbound API.

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