

Product Specification

1 Product data information under the EU data act

This page provides an overview of the types of data generated by Everllence connected products, the nature and volume of such data, and how data is structured and accessed.

The information below is general and product-category based. Actual data availability may vary depending on product, bespoke design, configuration, system architecture and customer setup.

For product specific technical details, please refer to the applicable product documentation, manuals and contractual terms or request the information by sending an email to: eu-data-act-request@everllence.com.

1.1 2-Stroke

Types of data generated

2-Stroke products generate machine and operational data primarily originating from sensors and control systems, including:

- sensor-based operating values,
- calculated performance signals
- alarms and event signals,
- status and control mode information,
- control commands, setpoints and limit values,
- external interface signals.

Data Volume

A typical 2-Stroke installation contains several hundred individual data points, often organised per engine, cylinder or subsystem.

Data is generated continuously during operation, with frequency depending on the signal type and network availability.

Data Format and structure

Data is typically structured as:

- numeric values (e.g. temperature, pressure, speed),
- boolean values (on/off, active/inactive),
- Enumerated states (e.g. stopped, starting, running)

Units and ranges are defined per signal (e.g. °C, bar, Pa, Hz).

1.2 4-Stroke

Types of data generated

4-Stroke products generate a broad set of operational, status and control-related data, including:

- sensor-based operating values,

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- calculated performance signals,
- alarms and event signals,
- status and control mode information,
- control commands, setpoints and limit values,
- external interface signals.

Data Volume

4-Stroke systems typically generate large data sets, often several thousand individual signals for a full installation, including auxiliaries and safety-related systems.

Data is generated continuously during operation, with frequency depending on the signal type.

Data Format and structure

Data is typically structured as:

- numeric values (raw, pre-processed or derived)
- boolean or enumerated states,
- grouped signal categories (e.g. operating values, alarms, control commands).

1.3 Industrial Products

Types of data generated

Industrial products (e.g. turbines, compressors, auxiliary systems) generate

- process values (temperature, pressure, flow),
- machine values (vibration, bearing temperatures),
- auxiliary system data (oil systems, cooling systems),
- status and alarm signals.

Data Volume

Depending on the installation, industrial systems typically generate hundreds to several thousand data points, covering both core equipment and supporting systems.

Data is generated continuously during operation, with frequency depending on the signal type.

Data Format and structure

Data is typically structured as:

- numeric (measurements),
- boolean (status and alarms),
- grouped by functional subsystem.

1.4 Power Products

Types of data generated

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Power products generate extensive control, monitoring and electrical data, including:

- digital input/output signals (on/off states, alarms),
- analog input/output values (voltage, current, power, temperature),
- internal system states and counters (e.g. operating hours).

Data Volume

Power control systems typically include hundreds to several thousand I/O points, depending on system size and configuration.

Data is generated continuously during operation, with frequency depending on the signal type.

Data Format and structure

Examples of data characteristics include:

- temperature values (°C),
- electrical values (A, V, kW, MW),
- pressure and level values (bar, mbar),
- boolean states for alarms and control signals.

1.5 Access to data

Depending on the product and system configuration, data may be:

- accessed locally via on-product systems,
- made available through digital interfaces to be transmitted to customer systems or to be shown on platforms provided by Everllence.

1.6 Data storage and retention

Depending on the product configuration, data may be stored locally on the connected product and/or transferred to external systems or platforms. Data storage behaviour may vary by type and classification of the signals.

The ways in which data is retained are product-specific. Users are therefore requested to refer to the applicable product documentation or request further information by sending an email to eu-data-act-request@everllence.com.