



DATA SHARING INFORMATION

LMV Burner Management 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.

SIEMENS

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

Data type	Data format	Estimated size
Configuration & User Data	Binary Data Type	Depends on customer installation & configuration
Application Settings & Combustion Curves	Binary Data Type	
Process Data <ul style="list-style-type: none"> - Sensor Raw Values - Process States - Input / Output Values 	Binary Data Type	LMV2/3: < 4 kBytes LMV5: < 4 kBytes LMV6: < 16 kBytes
Event & Error History	Binary	LMV2/3: 24 events (rolling) LMV5: 36 events (rolling) LMV6: 20 events (rolling)

Continuous and real-time data generation

The Burner Management Systems generate data continuously and in real time. The Data collection is continuous throughout operation.

Process data, including safety-related information, is recorded and processed at defined cycle times. This processing takes place continuously during operation. The data is therefore only available for a short time, and only the last image of the process is stored in the system.

Events & Alarms can occur spontaneously during normal system operation.

DATA STORAGE AND STORAGE PERIOD

Local data storage

The LMV systems store data in integrated memory areas of the CPU or on memory.

Local Data Storage	Capacities	Storage Duration
SAFETY System Firmware and Board Support Package	LMV2/3: < 1 MByte LMV5: < 2 MBytes LMV6: < 4 MBytes	Persistent (permanent)
Configuration Data on different levels	LMV2/3: < 2 kBytes LMV5: < 4 kBytes	Persistent (permanent) in the LMV controller EEPROM
Application settings	LMV6: < 8 KBytes	
Alarms & Events		

Remote data Storage

- LMV2/3: Remote data storage not possible
- LMV5: Storage of configuration data in a special backup memory in the AZL5 display and operating unit
- LMV6: Storage of configuration data on a USB stick via a USB interface on the AZL66 display and operating unit

For more information on memory areas, remanence, and memory usage, see the data sheet and user manuals of the corresponding products.

ACCESS/RETRIEVAL, TERMS OF USE AND QUALITY OF SERVICE
--

Type of data	Access/retrieval via	Terms of Use	Quality of Service*
LMV2/3 Selected Process Data Status & Diagnosis Setpoints	Modbus RTU via Interface Converter OCI412.10 or OCI460.10 (refer to LMV2/3 Modbus user manual)	Field bus access according to the bus specification No Access to SAFETY relevant data	Modbus standard (Transmission errors detected by CRC16)
LMV5 Selected Process data Status & Diagnosis Setpoints	Modbus RTU Interface at AZL 5 Selected Data points (refer to AZL5 Modbus user manual)		
LMV6 Selected Process Data Status & Diagnosis Setpoints	Modbus RTU integrated into LMV62/ LMV63 devices (refer to LMV6 Modbus user manual)		

Deletion of data

For functional safety reasons, it is not possible to completely delete data from LMV burner management systems.

Issued by

Siemens AG
Smart Infrastructure
Building Products
Berliner Ring23

DE-76437 Rastatt

+49 7222 784 0

www.siemens.com/buildingtechnologies-oem

© Siemens 2026

Technical specifications and availability subject to change without notice.