

Advanced Options

Executions:

Number of times the archiving task is executed

Interval:

Interval of archiving task executions

Retries:

Retries if archiving fails

Select register:

Start date:

End date:

Active	OBIS code	OBIS code counter	OBIS comment
<input type="checkbox"/>	Maximum active power import	1-0.1.12.0'255	Maximum active power import
<input type="checkbox"/>	Minimum active power import	1-0.1.13.0'255	Minimum active power import
<input checked="" type="checkbox"/>	Average active power import	1-0.1.15.0'255	Average active power import
<input checked="" type="checkbox"/>	Current Active Power Supply (+)	1-0.1.6.0'255	Current Active Power Supply (+)
<input checked="" type="checkbox"/>	Current Active Power Delivery (-)	1-0.1.7.0'255	Current Active Power Delivery (-)
<input checked="" type="checkbox"/>	Current Active Power Delivery (-)	1-0.1.7.1'255	Current Active Power Delivery (-)
<input checked="" type="checkbox"/>	Current Active Power Delivery (-)	1-0.1.7.2'255	Current Active Power Delivery (-)
<input checked="" type="checkbox"/>	Current Active Power Delivery (-)	1-0.1.7.3'255	Current Active Power Delivery (-)
<input checked="" type="checkbox"/>	Current Active Power Delivery (-)	1-0.1.7.4'255	Current Active Power Delivery (-)
<input checked="" type="checkbox"/>	Active energy import total	1-0.1.8.0'255	Active energy import total
<input checked="" type="checkbox"/>	Active energy import T1	1-0.1.8.1'255	Active energy import T1
<input checked="" type="checkbox"/>	Active energy import T2	1-0.1.8.2'255	Active energy import T2
<input checked="" type="checkbox"/>	Active energy import T3	1-0.1.8.3'255	Active energy import T3
<input checked="" type="checkbox"/>	Active energy retrieval (04)	1-0.1.8.4'255	Meter reading power (tariff register 4)
<input checked="" type="checkbox"/>	Active energy retrieval (05)	1-0.1.8.5'255	Meter reading power (tariff register 5)
<input checked="" type="checkbox"/>	Active energy retrieval (06)	1-0.1.8.6'255	Meter reading power (tariff register 6)

Time: 10:17:00

Hour:

Minute:

Second:

The **ZONOS™** module FlexArchive enables the flexible maintenance of **ZONOS™** smart metering data. It supports features for data archiving and for data cleansing. FlexArchive does not replace the regular back-up solution.

Details

Archiving can be customised to individual requirements by using the **ZONOS™** module FlexArchive with its numerous control parameters. Both timing and frequency of archiving can be chosen with specifications of what data is archived and whether compression is applied. For **ZONOS™** systems running as multi-tenant solutions, archiving policies and features can be set-up for each tenant.

Features

- Flexibility in the selection of data to be archived
- Planning of one-time or periodic archiving (scheduling)
- Encryption and compression of archives on demand
- Administration of archiving tasks via interface (API)
- Various archiving formats (e.g. CSV, XML, SQL)
- Data cleansing

Archiving tasks can be executed for all data or based on e.g. the criteria of an operational process/area (technical data, process information, events, meter readings etc.). Tasks can be controlled event- or time-driven, according to individually defined criteria (e.g. criteria such as „older than“). Execution can be manually activated and terminated. Archiving tasks can be run on demand, at a specified point in time, at regular intervals or following a pre-configured time schedule. It is possible to delete archived data from the **ZONOS™** database. Monitoring can be ensured by the archiving of status information for audit purposes and by reporting of archiving events to an event/alarm management system or external systems.

Use Cases

Archiving of raw data for audit purposes
(for audits or to comply with legal requirements)

Archiving of process data to prove compliance with
SLAs (Service Level Agreements) or for security audits

Archiving of application and device related monitoring
data (securing data independent of device life cycle)

Archiving of customer and billing related data
(legal requirements)

Archiving of events/alarms for downstream analysis

Advantages

- A one-stop solution: tested and integrated with **ZONOS™**
- Pre-installed context-specific connectors
- High flexibility regarding type and handling of data
- Multi-tenancy support
- Better system performance due to reduction of the live data volume
- Cost savings through lower requirements to hardware and software resources through removal of data that is not needed for daily operations