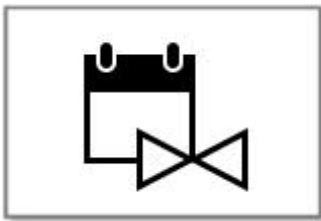


Valve Monitoring Cloud

Product Sheet and Specific Terms



Valve Monitoring collects data from valve positioners and makes them available for data analysis. Valve Monitoring is designed to increase plant uptime by avoiding unexpected valve failures, reduce maintenance cost through predictive maintenance and plan valve and positioner maintenance efficiently and effectively.

Prerequisites

see Data Sheet

Siemens Industry Online Support (SIOS)ⁱ

Cloud Access

Digital Service Agreement (DSA) must be signed (SIOS)ⁱ

Description

General

Valve Monitoring

- analyzes data from intelligent valve positioners – data that is collected periodically and automatically by the data collector mentioned above.
- monitors the condition of valves and positioners over time, detects potential anomalies, calculates trends and recommends service dates.
- automatically creates condition-based maintenance schedules

Monitoring

Valve Monitoring informs about

- KPIs exceeding thresholds and / or changing trends
- asset configurations
- maintenance events (e.g. replacement of positioner, initialization)
- provides a diagnostic workflow to analyze events and potential issues
- derive / trigger suitable actions

Scheduling

Valve Monitoring supports efficient condition-based maintenance planning by

- automatically composing maintenance plans based on projected asset wear
- supporting manual editing of plans (drag-n-drop, locking of valves and plans)
- providing plan history

	<ul style="list-style-type: none"> • supporting export of maintenance plans (csv, pdf) • supporting printing of maintenance plans
Valve detail	<p>Valve Monitoring provides detailed information about individual valves / positioners including</p> <ul style="list-style-type: none"> • KPI comparison • User comments • Log of events and comments • Model, serial number, etc.

Pricing Model

Fee Structure	Prepaid via Power Pack
Valve Monitoring Base Package	<p>The base package includes</p> <ul style="list-style-type: none"> • Access to Valve Monitoring • Upgrades and updates • Support <p>MLFB 6BG0000-0AA00-1AB0</p> <p>The Base Package is subscribed to Minimum Subscription Term of 1 year. Following expiration of the preceding Subscription Term, the subscription automatically renews with a Subscription Term of 1 year until terminated by you or us with a notice period of at least 30 days. The termination shall become effective at the end of the month. The price of the subscription renewal is specified in the applicable or current contract renewal price list, provided no other price has been agreed upon. At any time prior to the expiration of the base package, you may export data from the application.</p> <p>In the absence of a valid Base Package, the following conditions shall apply.</p> <ol style="list-style-type: none"> 1. We shall remove access to the application at our convenience. 2. If the application does not hold any active Power Packs, we shall <ul style="list-style-type: none"> • delete the cloud instance after a grace period of 30 days while retaining the data • upon request, submit the data stored in the instance to you (at a price to be agreed upon) • retain any collected data (as per Special Terms agreed below) • delete any remaining data 3. If the application holds any active Power Packs, <ul style="list-style-type: none"> • we shall put the cloud instance dormant, after a grace period of 30 days. • Upon ordering of installation of a new base package, we shall put the instance operational again, quota and expiration date of the Power Packs remain unchanged.
Power Pack Concept	<p>A Power Pack holds a quota of license points. The quota is consumed by ingesting data. Ingesting one or more files per valve and month will consume one license point.</p> <p>For example: A Power Pack 50 holds 600 license points and will provide full functionality of Valve Monitoring for</p> <ul style="list-style-type: none"> • 50 valves and 12 months, or

	<ul style="list-style-type: none"> • 100 valves and 6 months, or • 25 valves and 24 months, etc. <p>This means, the quota can be spread across a certain timespan and several valves. Power Packs may be stacked but only one Power Pack can be active at the same time.</p> <p>Power Packs expire 24 months after their start date plus a grace period of 14 days after purchase. After that period any unused, remaining quota becomes void. Power Packs enable you to</p> <ul style="list-style-type: none"> • Ingest collected data • Receive updates and support <p>In the absence of a valid Power Pack or residual quota, data ingestion is not possible. However, if you have previously ingested data, you can still access and work with them.</p>
Power Pack 50	License for monitoring 50 valves over 12 months (600 license points) MLFB 6BG0000-OAA00-1AB0
Power Pack 200	License for monitoring 200 valves over 12 months (2400 license points) MLFB 6BG0000-OAA00-1AC0
Power Pack 500	License for monitoring 500 valves over 12 months (6000 license points) MLFB 6BG0000-OAA00-1AD0
Payment Terms	Payment in advance

Specific Terms

Service Level Agreement	The Yearly Uptime Percentage for this application is 99%. Yearly Uptime Percentage is defined in the MindSphere Supplemental Terms available on www.mindsphere.io/terms
Third Party Terms	The application contains Third-Party services, including open source software, commercial software, or software-related managed services, which are subject to additional or different terms, license rights, or require certain notices by their licensors, which we are obliged to pass on to you as your licensor and to which you agree to abide ("Third Party Terms"). The Third-Party Terms can be downloaded here: (SIOS) ⁱ
Data Use Rights	During and after the term of the agreement, Siemens and its business partners may use Collected Data for Siemens' internal purposes (e.g. development or improvement of products or services). On an aggregated basis with other data and in a form that does not identify you and your Users, Siemens shall own and be free to make Collected Data publicly available to you and others (e.g. for information and industry trends, benchmarking data). Use of Collected Data in accordance with this Section will be at our risk. Collected data include: <ul style="list-style-type: none"> • any device data collected from the asset (XML – raw data) • processed data (KPIs, histograms, events, comments, plans) • log data (app log, system log)
Support	Support for application-specific troubleshooting is available in English and German via E-Mail under "Service and Support" within the application – at no extra charge. Usual reaction times are 48 hours and usual local working hours in

	Germany are Monday through Friday, 8am to 5pm, excluding national and local holidays.
	Further support can be requested and might be subject to additional charges.

Export Control Regulations

AL:	N
ECCN:	N

Security Information

Security information	<p>Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens products and solutions constitute one element of such a concept.</p> <p>Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary, and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place.</p> <p>For additional information on industrial security measures that may be implemented, please visit https://www.siemens.com/industrialsecurity.</p> <p>Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats.</p> <p>To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed under https://www.siemens.com/industrialsecurity.</p>
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ⁱ <https://support.industry.siemens.com/cs/document/109760559>