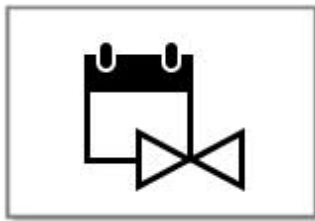


# Valve Monitoring On-Premise

## 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

Data Collector	PDM Maintenance Station (V 2.0 or later) or PCS 7 Maintenance Station (V V9.0.1 or later) The data collector collects device data from field devices (i.e. positioners) and provides them to Valve Monitoring
Infrastructure for Valve Monitoring	PC or Virtual Machine. Detailed requirements see Technical Datasheet.
Configuration and Setup	Setup and configuration of Data Collector and Valve Monitoring Infrastructure
Client	Client needed to access the web frontend of Valve Monitoring. Must offer one of the supported browsers (see Technical Datasheet). Full HD resolution recommended (since optimized accordingly).
Supported Positioners	See Technical Datasheet.

### Description

General	<p>Valve Monitoring</p> <ul style="list-style-type: none"> <li>analyzes data from intelligent valve positioners – data that is collected periodically and automatically by the data collector mentioned above.</li> <li>monitors the condition of valves and positioners over time, detects potential anomalies, calculates trends and recommends service dates.</li> <li>automatically creates condition-based maintenance schedules</li> </ul>
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Monitoring	<p>Valve Monitoring informs about</p> <ul style="list-style-type: none"> <li>• KPIs exceeding thresholds and / or changing trends</li> <li>• asset configurations</li> <li>• maintenance events (e.g. replacement of positioner, initialization)</li> </ul> <p>and provides a diagnostic workflow to</p> <ul style="list-style-type: none"> <li>• analyze events and potential issues and</li> <li>• derive / trigger suitable actions.</li> </ul>
Scheduling	<p>Valve Monitoring supports efficient condition-based maintenance planning by</p> <ul style="list-style-type: none"> <li>• automatically composing maintenance plans based on projected asset wear</li> <li>• supporting manual editing of plans (drag-n-drop, locking of valves and plans)</li> <li>• providing plan history</li> <li>• supporting export of maintenance plans (csv, pdf)</li> <li>• supporting printing of maintenance plans</li> </ul>
Valve detail	<p>Valve Monitoring provides detailed information about individual valves / positioners including</p> <ul style="list-style-type: none"> <li>• KPI comparison</li> <li>• User comments</li> <li>• Log of events and comments</li> <li>• Model, serial number, etc.</li> </ul>

Pricing Model	
Fee Structure	Prepaid via Power Pack
Power Pack Concept	<p>A Power Pack holds a <b>quota</b> of license points. The quota is consumed by ingesting data. Ingesting one or more files <b>per valve and month</b> 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"> <li>• 50 valves and 12 months, or</li> <li>• 100 valves and 6 months, or</li> <li>• 25 valves and 24 months, etc.</li> </ul> <p>This means, the quota can be spread across a certain timespan and number of 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. The start date is the date of the purchase order confirmation. After that period any unused and remaining quota become void.</p> <p>Power Packs holding a quota enable you to</p> <ul style="list-style-type: none"> <li>• ingest collected data</li> <li>• Receive updates and support</li> </ul> <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-OAB0
Power Pack 200	License for monitoring 200 valves over 12 months (2400 license points) MLFB 6BG0000-OAA00-OAC0
Power Pack 500	License for monitoring 500 valves over 12 months (6000 license points) MLFB 6BG0000-OAA00-OAD0
Payment Terms	Payment in advance

## Specific Terms

Your obligations	You are solely responsible for the correct configuration and use of this and any other on-premise software and hardware. This includes e.g. updates to OS, security patches, driver updates, managing data storage and backup, etc.
Updates	<p>At our sole discretion, we will provide updates or security patches for Valve Monitoring and will announce their availability.</p> <p>These Specific Terms are applicable for using such an update or security patch; however, special conditions may apply for download and installation.</p>
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").
Audits	<p>On request, you will inform us about the current usage status of the license points. We reserve the right to embed a software mechanism within Valve Monitoring to monitor usage by obtaining quota consumption data.</p> <p>Such a software mechanism may store data relating to the usage of the Valve Monitor and the number of used license points and may communicate with computers controlled by us over any type of communications link to exchange communications and report data relating to the usage of the Valve Monitor.</p>
Data Use Rights	<p>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.</p> <p>Collected data include:</p> <ul style="list-style-type: none"> <li>any device data collected from the asset (XML – raw data)</li> <li>processed data (KPIs, histograms, events, comments, plans)</li> <li>log data (app log, system log)</li> </ul> <p>You are obliged to provide</p> <ul style="list-style-type: none"> <li>either a suitable remote access enabling Siemens to obtain the Collected Data or</li> <li>the Collected Data to Siemens upon request</li> </ul>

Support	<p>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 Monday to Friday.</p> <p>Any further support can be triggered in-app but is associated with additional charges.</p>
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## 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 <a href="https://www.siemens.com/industrialsecurity">https://www.siemens.com/industrialsecurity</a>.</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 <a href="https://www.siemens.com/industrialsecurity">https://www.siemens.com/industrialsecurity</a>.</p>
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