

Manage MyMachines /Spindle-Monitor Product Sheet



The MindSphere application Manage MyMachines /Spindle-Monitor is an extension to Manage MyMachines enabling main spindle unit specific data collection and visualization. On base of that you can optimize the usage and the maintenance of the main spindle unit.

Prerequisites	
Subscriptions	A valid MindSphere Capability Package (Basic/Standard/Premium) subscription and its resources are required.
Hardware	Your main spindle unit must be equipped with the SM124 interface for the DriveCliq drive bus and the configuration within the SINUMERIK controller must be finished as described here: https://support.industry.siemens.com/cs/de/en/view/67598396 https://support.industry.siemens.com/cs/de/en/view/73548614 . This application is only compatible with data provided through SINUMERIK 840D sl, SINUMERIK 828D.
Web browser	An HTML5 capable internet browser is required (e.g. Google Chrome). The recommended screen resolution is 1024x768 or higher. This application can be used by a mobile device that comes with an HTML5 capable web browser.
Data access	To access and use the application, data stored in your existing Account (e.g. Base Environment or MindSphere Capability Package Account) may be accessed by the application.

Description	
Spindle Overview	The section spindle overview shows general information about the main spindle unit which is used in the actual selected Asset.
Operation Data	Provides a data view for number of hours running under control, running under speed, amount of clamping cycles and amount of faulty clamping cycles.
Analysis Clamping System	Provides an analysis of the clamping system state. In this section different statistical data sets are shown. Clamping times and number of clamping cycles with and without tool are evaluated for different periods of time.
Events	Provides a summary of temperature and alarms which are collected and statistically shown for different periods in time.

Pricing Model		
Fee	Application subscription	Extension (optional)
		Manage MyMachines /Spindle-Monitor Asset Activation (Yearly)
		Usage-based
	1 Asset	1 additional Asset
Price per Asset	See Order ¹	See usage-based list ²
Billing cycle	Full amount in advance	Yearly in advance
¹⁾ Subscription-based pricing is set forth in the Order; ²⁾ Usage-based fees are set forth in the Price List for Offerings with Usage-based Fees available at https://siemens.mindsphere.io/en/docs/Product-Descriptions-Overview/usage-based .		
Application subscription	The application subscription allows access to the application for 1 Asset and its usage.	
Enablement, disablement and Subscription Term of Manage MyMachines /Spindle-Monitor Asset Activation (Yearly)	<p>Manage MyMachines /Spindle-Monitor Asset Activation (Yearly) may be enabled within the Shopfloor Management Application at any time during a valid Subscription Term for Manage MyMachines /Spindle-Monitor. Upon enablement, the Subscription Term for Manage MyMachines /Spindle-Monitor Asset Activation (Yearly) starts. The Subscription Term is 12 months and automatically renews with a Subscription Term of 12 months unless you disable the respective Asset at any time.</p> <p>In case of a disablement, the Subscription Term for Manage MyMachines /Spindle-Monitor Asset Activation (Yearly) will not automatically be extended after it expired and is deemed to be terminated.</p> <p>Once a disabled Asset is enabled again after the end of a valid Subscription Term for Manage MyMachines /Spindle-Monitor Asset Activation (Yearly), a new Subscription Term for Manage MyMachines /Spindle-Monitor Asset Activation (Yearly) starts and the fee will be applied again.</p>	
Subscription Term	The standard Subscription Term for the application is 12 or 36 months. The Subscription Term shall automatically renew if stated in the Order.	
Co-term (renewal and termination)	The Subscription Term for this application will be co-termed with the Subscription Term of your existing MindSphere Capability Package, and therefore can be shorter than the standard Subscription Term.	
Payment Terms	Fees for MyMachines /Spindle-Monitor subscription are fully charged in advance for the entire Subscription Term unless otherwise expressly provided in an Order. The fee for Manage MyMachines /Spindle Monitor Asset Activation (Yearly) is charged yearly in advance for each enabled Asset (first time in the month after the Asset has been enabled) for 1 year.	

General	
Service Level Agreement	The Monthly Availability for this application is 95 %. Monthly Availability is defined in the Cloud Support and Service Level Framework available at https://www.siemens.com/sw-terms/sla .
Application use rights	This application can be used as part of OEM Services as described in the MindSphere Supplemental Terms available on www.siemens.com/sw-terms/supplements .
Third-Party Terms	The Third-Party Terms for Manage MyMachines /Spindle-Monitor are made available via the following web link: https://siemens.mindsphere.io/en/docs/Product-Descriptions-Overview/Third-Party-Terms .
Support	Support for this application may be contacted via Industry Online Support https://support.industry.siemens.com . Support is available in English and German.

Export Control Regulations

AL	N
ECCN	EAR99

Security Information

General	In order to protect plants, systems, machines and networks against cyber threats, it is necessary that you implement and continuously maintain a holistic, state-of-the-art industrial security concept.
Secure communication	Data transmission will be done via HTTPS protocol from Asset to your MindSphere Account.
Encryption standard	TLS 1.2 for communication between Asset and MindSphere Account is used.

Definitions

Asset	An Asset is the logical representation of a thing which can be a machine or an automation system with a single unit e.g. PLC or CNC - Controller. Assets are defined using an Asset type.
General	Unless otherwise indicated, capitalized terms used in this document shall have the meaning given to them in this Product Sheet or elsewhere in the Agreement. You may also want to check our Glossary .