SIMATIC Machine Monitor
Product Sheet and Specific Terms

The MindSphere application SIMATIC Machine Monitor provides transparency for the maintenance monitoring of your connected machines. The tracking of maintenance intervals based on actual machine usage enables an optimized planning of service assignments.

The monitoring of machine productivity based on industry standard Key Performance Indicators (KPIs) with cross-machine comparison, allows for an efficient assessment of machine fleet performance.

Prerequisites	
Subscription	A valid MindAccess IoT Value Plan (Small/Medium/Large) subscription is required.
Web browser	An HTML5 capable Internet browser is required. Latest versions of Google Chrome, Mozilla Firefox and Microsoft Edge are supported. Google Chrome is recommended. The preferred screen resolution is 1920x1080. The user experience is not optimized for mobile devices.

Description	
General	SIMATIC Machine Monitor modules include: Maintenance, Productivity and Settings.
Maintenance	Shows the current maintenance state of your machines, based on your configured maintenance intervals. You can keep records of your executed maintenance jobs and review entries from the past in the maintenance history of your machines.
Productivity	Provides an overview of the current productivity state to monitor your machine fleet performance. The standard KPIs "Availability", "Performance" and "Quality" are displayed in a trendline; aggregated average values are displayed separately. Multi-machine selection allows for cross-machine comparison. The additional visualization of machine state distribution allows for a more in-depth view to assess individual machine availability.

Settings	"Status Mapping": Create and manage mapping configurations for machine states and modes. "Machine Types": Create and manage your Machine Types to predefine settings for your Machine Instances. "Machine Instances": Connect your machines to the application via the creation of Machine Instances. The current usage information which is relevant for the billing (i.e. number of Machine Instances with state "In Use") is displayed above the Machine Instances list.
Application permissions	SIMATIC Machine Monitor is operated in a data center in Germany. SIMATIC Machine Monitor requires granted access to Your Content in order to perform pre-calculations without user interaction. Therefore, the application will request access tokens. Before we provision the application to your MindAccess Account, you will receive an email with the option to approve or decline access to Your Content. The application will also process and store your user name, email and user role to the extent necessary to provide the functionality of the application. The application performs the following activities which modify or amend Your Content in your MindAccess Account on your behalf: • Read access on your time series data: This application reads uploaded data from your data repository to evaluate and process certain information presented in different views within this application. • Read access on your Asset configuration data: Read access on Asset configuration data is required in order to use the functionalities of this application. • Create Asset Type: This application creates one Asset Type in your Asset configuration named "SIMATIC Machine Monitor". This Asset Type serves as a blueprint for the Assets that are created to manage your configured Machine Instances for the application. • Create Assets: For every Machine Instance that is created in the "Settings" module to connect your machine to the application, a corresponding Asset is created in your Asset configuration. If the Machine Instance is assigned to an existing subtenant, then the corresponding Asset is placed in that subtenant structure accordingly. If a Machine Instance is deleted from the application, the corresponding Asset in your Asset configuration is not deleted. • Modification of MindConnect element configuration: In the course of Machine Instance creation you can select onboarded MindConnect connectivity elements from your current Asset configuration to connect to the corresponding Asset for the Machine Instance. Depending on your configuration, the application will apply the following changes in the MindConnect element configuration: - Add a new data source - Add a new data point - Connect data point and Variable

	• Upload of files to your MindAccess Account: Any document that is attached to the Machine Type configuration in module "Settings" is uploaded and is stored in your MindAccess Account.	

Pricing Model

Fee for	Base subscription	Usage-based upgrade
Price	0 €/month[1]	20 € per each Machine Instance /month[1]
Billing cycle	n/a	Monthly in arrears

[1] If a price is displayed in a different currency on the product detail page of SIMATIC Machine Monitor on www.mindsphere.io/store in your country of residence at the date of purchasing any of the above mentioned items, such price will be charged.

Base subscription fee	The base subscription allows access to the application. There is no free Machine Instance included in the base subscription.
Usage-based upgrade fee	The usage-based upgrade fee for Machine Instance is charged on a monthly basis (full month principle) for each Machine Instance created in this application that is set to state "In Use".
Adaptation of fees	We may change or add new fees (collectively referred to as "Fee Change") due to and to the extent required to reflect: (i) changes in the quality or functionalities of the Service; (ii) material changes in market conditions; (iii) general increases in wages or other employment costs; and/or (iv) changes in procurement costs due to price changes made by our suppliers, in each case to the extent that the changes affect our provision of the agreed Service. We will notify you of any Fee Change at least 60 days in advance of the effective date of the Fee Change.
Trial	"Trial" refers to an application that has been designated as a "trial" offering in the product description in the applicable Order Form. Any application delivered as a Trial is a "Free of Charge Service" as that term is defined in the MMA. We will notify you by email of the exact start and end date of the Subscription Term for the Trial ("Free Trial Period"). You may terminate the Trial at any time during the Free Trial Period by providing written notice to trial@mindsphere.io no later than 14 days prior to the end date of the Free Trial Period. We may terminate your access to the Trial at any time after receipt of your written termination notice. Termination of the Trial shall also result in termination of the respective corresponding paid subscription ordered hereunder. During the Free Trial Period, our standard support and service level obligations do not apply. We may however, at our sole discretion, make certain free of charge support services available to you. Upon expiration of the Free Trial Period, the Subscription Term for the respective corresponding paid subscription will begin, and you will be invoiced accordingly.
Payment terms	The usage-based upgrade fee for Machine Instance is charged monthly in arrears.
Cancellation of Machine Instances	You may cancel a Machine Instance set to state "In Use" by deleting the Machine Instance from the application at any time. The cancellation shall become effective at the end of the month in which the deletion was conducted.

Subscription Term, termination	Minimum Subscription Term for the base subscription of this application is 3 months. Following expiration of the preceding Subscription Term, the subscription automatically renews with a Subscription Term of one month until terminated by you or us for convenience at least 30 days in advance. The termination shall become effective at the end of the month. We inform you about a termination by posting a notice on your Account or sending a message to the email address provided to us. Your termination must be addressed to contract@mindsphere.io.

Specific Terms

Service Level Agreement	The Monthly Uptime Percentage for this application is 99 %. Monthly Uptime Percentage is defined in the MindSphere Supplemental Terms available on www.mindsphere.io/terms.
Application use rights	This application can be used as part of OEM Services as described in the Specific Terms for MindAccess IoT Value Plan published on www.mindsphere.io/terms. Under the Account of your MindAccess IoT Value Plan, you may permit Users of Third Parties to access and use this application for the purpose of receiving a service from you.
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 for SIMATIC Machine Monitor are made available via the following web link: https://sie.ag/MindSphere-ThirdParty_SIMATIC-MachineMonitor.
Changes to the Product Sheet & Specific Terms	We may update this document from time to time during a Subscription Term in order to reflect any changes agreed with or imposed by our subcontractors (including changes in open source software license terms) or when we introduce new features, supplements, enhancements or capabilities (e.g. that were not previously included with the subscription, but added for no additional fee). Changes shall become binding upon release of a new version of this document on www.mindsphere.io/terms.
Support	Remote support for this application is available. You have to ensure remote access to your local networks for e.g. remote-diagnoses. Support may be contacted via phone: +49 (0) 911 895 7222. Hours of operation are Monday through Friday, 8:00 am to 5:00 pm CET (Germany, Nuremberg) - excluding national and local holidays. Outside of the 8:00 am to 5:00 pm local time window, a request can also be created via website: 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 MindAccess Account.

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 or even a factory site. Assets are defined using an Asset type.
Machine Instance	A Machine Instance represents the connection to your physical machine. Every Machine Instance creates a corresponding Asset in your MindAccess IoT Value Plan, which provides the data to be processed by the SIMATIC Machine Monitor modules. Machine Instances are created based on your predefined Machine Types. SIMATIC Machine Monitor will generate and store processed data connected to your Machine Instances, according to your configuration.
Machine Type	A blueprint configuration for setting up Machine Instances. The Machine Type includes the configuration for all available SIMATIC Machine Monitor modules (currently "Productivity" and "Maintenance"). Upon creation the Machine Type has the status "unfinished" and the User can modify and extend the configuration at any time. Once the Machine Type is set to "ready to use" it is available for selection in the Machine Instance creation.
Variables	Data points in the configured Assets.
General	All other capitalized terms in this document shall have the meaning given to them in the MindSphere Agreement.

www.mindsphere.io/terms