Analyze MyPerformance / OEE-Monitor

Product Sheet and Specific Terms

The MindSphere application Analyze MyPerformance /OEE-Monitor (AMP /OEE-Monitor) calculates Key Performance Indicators (KPIs) such as Overall Equipment Effectiveness (OEE), Availability, Performance, and Quality and provides important indicators for developing measures to increase efficiency.

Through the automatic recording of data and conditions of Assets as well as data entered through the user dialog, AMP /OEE-Monitor provides information for production optimization.

Prerequisites	
Subscriptions	A valid MindAccess IoT Value Plan (Small/Medium/Large) subscription is required. If you want to create and configure rules that monitor parameters of an Asset and send emails and other types of messages in a number that exceeds the number already included in your MindAccess IoT Value Plan subscription, a subscription to additional Rules in Fleet Manager is required. Sending emails or other types of messages leverages MindSphere's Notification Service. The terms and conditions set out in the MindSphere Supplemental Terms for Notification Services also apply to your use of Fleet Manager and Rules in Fleet Manager. The MindSphere Supplemental Terms are available on www.mindsphere.io/terms.
Software	Client Software: An installation of a software client is required on your CNC-Controller e.g. SINUMERIK 840D sl, SINUMERIK 828D (Windows 7 Embedded Standard). The latest client software is available via Industry Hotline Support (https://support.industry.siemens.com) under separate terms and conditions that shall apply when installing the software (SINUMERIK Integrate Operate Client). Operating Software from CNC - Controller: The approved firmware versions for your CNC - Controller required to enable communication with your MindAccess Account and run the SINUMERIK Integrate Operate Client are listed in the user documentation available under https://support.industry.siemens.com and https://mindsphere.io/docs (under Apps section). Firmware versions not listed have not been tested for the SINUMERIK Integrate Operate Client in conjunction with this application. For non-approved versions, specific functionality of this application is impaired or not available.

	You have to activate the preinstalled SINUMERIK Integrate Operate Client for connecting the SINUMERIK to your MindAccess Account. Please note that the SINUMERIK Integrate Operate Client is only able to connect to one platform (e.g. MindSphere or SINUMERIK Integrate). You are responsible for the use of an approved version and the activation of the SINUMERIK Integrate Operate Client.
Hardware	For a complete listing of devices compatible with this application, please use the latest version of the user documentation available under https://mindsphere.io/docs (under Apps section).
Web browser	An HTML5 capable Internet browser is required (e.g. Google Chrome). The recommended screen resolution is 1024x768 or higher. Mobile devices are supported through the use of HTML5 capable Internet browser.

Description	
Navigation View	Provides access to the function views (Performance Monitoring, Utilization Planning and Production Quality) in the application and helps navigating.
Performance Monitoring	Provides multiple views on collected and calculated OEE and other KPI values such as Availability, Performance, Quality for multiple connected Assets over the applied hierarchy (Hierarchy Details) or for a single connected Asset (Machine Details).
Utilization Planning	Provides an overview of applied utilization plans, the ability to create a new utilization plan and apply existing utilization plans to an Asset. Three different views are available: • Applied Plan - provide overview of applied utilization plans per Asset • Edit Plans - create and change utilization plans • Assign Plan - apply defined utilization plans to an Asset
Production Quality	The first view (Workpieces) provides the ability to enter Asset specific quality indicators (e.g. Total Pieces, Scrap Pieces, Target Cycle Time) based on shifts. The second view (Action Required) provides information about pending quality indicators for previous shifts.
Application permissions	AMP /OEE-Monitor is operated in a data center in Germany (unless you are located in PRC, in which case it is operated in a data center in PRC) and processes the following data: • Time series data which includes the variables received from an Asset within defined continuous time cycles. • Asset configuration data which describes the Asset (e.g. Asset name, location). The application performs the following activities which modify or amend Your Content in your MindAccess Account on your behalf: Read / write access on your time series data • This application reads uploaded machine data from your data repository to evaluate and process certain information presented in different views within this application. This application writes time series data into your time series data repository to keep the processed values available on a long-term basis. Read access on your Asset configuration data • Read access on Asset configuration data is required in order to use the functionalities of this application.

General	This application offers the ability to select a reading frequency from 5 sec up to 1 day and the possibility to add a maximum of 50 additional variables to the default configuration. Depending on the variable configuration used, limited data buffering is possible if an internet connection is not available.

Pricing Model

Fee	Base subscription	Operation and Update
Price per Asset	0€ /year	1200 €/year (365 days)[1]
Billing cycle	n/a	Yearly in advance

[1] If a price is displayed in a different currency on the product detail page of Analyze MyPerformance /OEE-Monitor on www.mindsphere.io/store in your country of residence (for PRC see the product detail page of Analyze MyPerformance /OEE-Monitor on https://shop7fd301n3.market.aliyun.com/) at the date of enablement of the Asset or in the Order Form, such price will be charged.

Base subscription fee	The base subscription allows access to the application.
Usage-based Operation and Update fee	Starting with the month the Asset is enabled to the application, the usage-based Operation and Update fee is charged yearly in advance for each enabled Asset for maintenance of the application and for keeping the application up to date.
Payment terms	The usage-based Operation and Update fee is charged yearly in advance for each enabled Asset (first time in the month after the Asset has been enabled) for 1 year.
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. Any Fee Change will only apply from the beginning of a renewed subscription or for "Evergreen" subscriptions one year after notification 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. 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.

Specific Terms

Service Level Agreement	The Monthly Uptime Percentage for this application is 90 %. Monthly Uptime Percentage is defined in the MindSphere Supplemental Terms available on www.mindsphere.io/terms[1].
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[1]. 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 AMP /OEE-Monitor are made available via the following web link: https://sie.ag/MindSphere-ThirdParty_AMP-OEE-Monitor.
Changes to the Product Sheet and 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.
Subscription Term for Operation and Update, termination	The Subscription Term for Operation and Update is 1 year for each enabled Asset. Following expiration of the preceding Subscription Term for Operation and Update fee, the subscription automatically renews with a Subscription Term of 1 year unless you disable the respective Asset from your MindAccess Account. You may disable an Asset from the application at any time. In this case, the Subscription Term for Operation and Update will not automatically be extended after it expired and is deemed to be terminated. Once a disabled Asset is enabled again after the end of a valid Subscription Term for Operation and Update, a new Subscription Term for Operation and Update starts and the Operation and Update fee will be applied again as stated above.
Subscription Term for the base subscription, termination	The Subscription Term for the base subscription ends with termination by you or us. You may terminate your subscription to this application at any time. PLEASE NOTE: Upon your termination of the base subscription your Assets will be disabled with immediate effect and you cannot use this application any longer. You are not entitled to enable Assets after this termination. All fees paid by you to us are non-refundable. We may discontinue the operation of the application by giving you at least 1 year notice prior to the planned discontinuation date. You are not entitled to enable Assets after this notification. On the date of discontinuation, the Service is terminated and the regulations in the MindSphere Master Agreement regarding the effect of termination and post termination phase apply.
Support	Support for this application may be contacted via Industry Online Support https://support.industry.siemens.com. Support is available in English and German.

[1] https://help.aliyun.com/document_detail/123950.html if you are located in PRC.

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.
Encryption standard	TLS 1.2 for communication between Asset and MindAccess 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.
PRC	PRC means the People's Republic of China (which for the purpose of this Product Sheet and Specific Terms does not include Hong Kong Special Administrative Region, Macao Special Administrative Region and Taiwan Area).
General	All other capitalized terms in this document shall have the meaning given to them in the MindSphere Agreement.

www.mindsphere.io/terms