

Analyze MyPerformance /OEE

Product Sheet



The MindSphere application Analyze MyPerformance /OEE (AMP /OEE) 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.

Prerequisites	
Subscription	A valid MindSphere Capability Package (Basic/Standard/Premium) subscription is required.
Software	<p>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 Client).</p> <p>Operating Software from CNC - Controller: The approved firmware versions for your CNC - Controller required to enable communication with your Account and run the SINUMERIK Integrate Client are listed in the user documentation available under https://support.industry.siemens.com and https://siemens.mindsphere.io/en/docs/apps-and-solutions.</p> <p>Firmware versions not listed have not been tested for the SINUMERIK Integrate 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 Client for connecting the SINUMERIK to your Account. Please note that the SINUMERIK Integrate Client is only able to connect to one platform (e.g. MindSphere or Mcenter). You are responsible for the use of an approved version and the activation of the SINUMERIK Integrate Client.</p>
Hardware	For a complete listing of devices compatible with this application, please use the latest version of the user documentation available under https://siemens.mindsphere.io/en/docs/apps-and-solutions .
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.
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	
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: <ul style="list-style-type: none"> • 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.

Pricing Model			
Fee	Application subscription	Extensions (optional)	
		Analyze MyPerformance /OEE Asset Activation (Yearly)	Analyze MyPerformance /OEE Asset Activation (Monthly)
		Usage-based	Usage-based
	1 Asset	1 additional Asset	1 additional Asset
Price per Asset	See Order ¹	See usage-based list ²	See usage-based list ²
Billing cycle	Full amount in advance	Yearly in advance	Monthly in arrears
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 .			
Base subscription	The application subscription allows access to the application Analyze MyPerformance /OEE for 1 Asset and its usage.		
Enablement, disablement and Subscription Term of Analyze MyPerformance /OEE Asset Activation (Yearly)	<p>Analyze MyPerformance /OEE Asset Activation (Yearly) may be enabled within the Shopfloor Management Application at any time during a valid Subscription Term for Analyze MyPerformance /OEE. Upon enablement, the Subscription Term for Analyze MyPerformance /OEE 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 Analyze MyPerformance /OEE 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 Analyze MyPerformance /OEE Asset Activation (Yearly), a new Subscription Term for Analyze MyPerformance /OEE Asset Activation (Yearly) starts and the fee will be applied again.</p>		

Enablement and disablement of Analyze MyPerformance /OEE Asset Activation (Monthly)	Analyze MyPerformance /OEE Asset Activation (Monthly) may be enabled or disabled within the Shopfloor Management Application at any time during a valid Subscription Term for Analyze MyPerformance /OEE. Upon enablement, the Subscription Term for Analyze MyPerformance /OEE Asset Activation (Monthly) starts. The Subscription Term is 1 month and automatically renews with a Subscription Term of 1 month unless you disable the respective Asset at any time. In case of a disablement, the Subscription Term for Analyze MyPerformance /OEE Asset Activation (Monthly) will not automatically renew after it expired and is deemed to be terminated.
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	<p>Fees for Analyze MyPerformance /OEE subscription are fully charged in advance for the entire Subscription Term unless otherwise expressly provided in an Order.</p> <p>The fee for Analyze MyPerformance /OEE 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.</p> <p>The fee for Analyze MyPerformance /OEE Asset Activation (Monthly) is charged monthly in arrears for each enabled Asset (first time in the month after the Asset has been enabled) for maintenance of the application and for keeping the application up to date. The fee for Analyze MyPerformance /OEE Asset Activation (Monthly) is charged monthly in arrears, if the cumulated fee exceeds the threshold of EUR 200 equivalent. If the cumulated fee does not exceed the threshold of EUR 200 equivalent, the fee will not be charged.</p>

General

Service Level Agreement	The Monthly Availability for this application is 95 %. Monthly Availability is defined in the Cloud services 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 Analyze MyPerformance /OEE 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

Applicable for Analyze MyPerformance /OEE application and SINUMERIK Integrate Client.	
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 Account.
Encryption standard	TLS 1.2 for communication between Asset and 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 .