

SIMATIC Performance Insight Product Sheet



The MindSphere application SIMATIC Performance Insight provides additional transparency on your machines, across manufacturing lines or entire sites. Production optimization can be achieved through deeper insights and analytics based on individual Key Performance Indicator (KPI) calculations and visualization for e.g. Overall Equipment Effectiveness (OEE), Quality, Performance, Availability.

Prerequisites

Subscription	A valid MindSphere Capability Package (Basic/Standard/Premium) subscription is required.
Web browser	An HTML5 capable Internet browser is required to configure and display KPIs and Dashboards on your PC or mobile device. Google Chrome and a screen resolution of 1920x1080 is recommended.
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

General	SIMATIC Performance Insight supports KPI calculations based on your time series data and provides a flexible possibility to display the information in custom Dashboards.
Web-based user interface	SIMATIC Performance Insight offers a user interface accessible via a common web browser. Within this user interface, you can: <ul style="list-style-type: none"> • Access the Asset model for navigation as well as configuring KPI Instances and Dashboards, • Set up and manage KPI Types and the associated KPI Instances, • Set up and manage custom Dashboards for an Asset, • Analyze time series data or KPIs using the available Widget types like chart, value, or Gantt, • Set up and manage reports.
KPI creation and calculation	SIMATIC Performance Insight offers the possibility to define KPI Types which can be used to create KPI Instances assigned to individual Assets. Users can: <ul style="list-style-type: none"> • Create, modify, or delete KPI Types, • Create, modify, or delete KPI Instances by using a KPI Type and link specific Variables of an Asset to the appropriate Operands, • Get an overview of Variables or KPI Instances for an individual Asset.

	<ul style="list-style-type: none"> • Generate KPIs automatically such as OEE, Performance, Quality, Mean Time Between Failure (MTBF), Mean Time To Repair (MTTR) or Total Effective Equipment Performance (TEEP) for the OEE analysis of a configured Asset.
Dashboarding	<p>Based on the flexible dashboarding of SIMATIC Performance Insight, Users can:</p> <ul style="list-style-type: none"> • Set up and manage one or more Dashboards per Asset, • Configure the observation period per Dashboard, • Set up and manage one or more Widgets per Dashboard, • Use the Widgets as well as their detailed view for data analysis. • Use a pre-defined Dashboard for analyzing the performance of an Asset including the related KPI Instances such as OEE, Performance, Quality, MTBF, MTTR or TEEP.
Reporting	<p>Based on the flexible reporting of SIMATIC Performance Insight, User can:</p> <ul style="list-style-type: none"> • Set up and manage one or more reports per Asset, • Configure the observation period per report, • Define the cycle for the automatic generation of reports and assign one or more email recipients, • Configure the report template and link one or more KPI Instances or Variables to the report.

Pricing Model					
Fee for	Application subscription	Extensions (optional)			
		Subscriptions			Usage-based
	3 Assets incl. 1 000 Performance Insight Email Notifications /month	5 additional Assets	20 additional Assets	100 additional Asset	1 additional Asset
Price	See Order ¹	See Order ¹	See Order ¹	See Order ¹	See usage-based list ²
Billing cycle	Full amount in advance	Full amount 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 .					
Application subscription	<p>The application subscription allows access and use of the application with up to 3 Assets for visualizing the condition of a single Asset e.g. a machine. One Asset includes up to 50 Variables and/or up to 50 KPI Instances used in the application. An Asset is enabled as soon as a KPI instance, a Variable limit validation, a Dashboard or a report is configured for the individual Asset.</p> <p>The application subscription allows also up to 1 000 Performance Insight Email Notifications per month. Performance Insight Email Notifications are not included in your MindSphere IIoT Data Package. Therefore, should the actual usage exceed the applicable limit, usage-based fee amounting to 0.5 €/1 000 Emails package will be charged on a monthly basis (monthly in arrears).</p>				
Extension subscriptions	<p>Additional fees will be applied for any extension subscription (i.e. additional Assets exceeding the number of Assets included in the application subscription).</p>				
Extension (usage-based)	<p>Additional fees will be applied (monthly in arrears) for each additionally enabled Asset exceeding the number of enabled Assets included in the application subscription or in any extension subscriptions. You may disable an Asset from the application at any time.</p> <p>For further details about calculation of usage-based fees please refer to Usage-based Calculation Methods for MindSphere Applications available at</p>				

	https://siemens.mindsphere.io/en/docs/Product-Descriptions-Overview/app-usage-based .
Subscription Term	The standard Subscription Term for the application is 12 or 36 months, and extensions (excluding usage-based) are 12 months. The Subscription Term shall automatically renew if stated in the Order.
Co-term (renewal and termination)	The Subscription Term for this application and its extensions (excluding usage-based extensions) will be co-termed with the Subscription Term of your existing MindSphere Capability Package, and therefore can be shorter than the standard Subscription Term. If an application subscription is terminated, the associated extensions will be terminated at the same time.
Payment Terms	Fees for Performance Insight application subscription and for any of the extensions (except usage-based) described herein are fully charged in advance for the entire Subscription Term unless otherwise expressly provided in an Order. Fees for usage-based extensions are charged monthly in arrears.

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 on www.siemens.com/sw-terms/supplements .
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 SIMATIC Performance Insight 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	N

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.

Definitions

Asset	An Asset is the logical representation of a thing which for the purposes of this application is a machine.
Dashboard	Custom view assigned to an Asset where different Widgets can be added for a quick overview of the Variables and KPIs.
KPI Instance	Instance of a KPI Type assigned to a specific Asset. Its Operands are connected to the Asset specific time series data in your MindSphere Capability Package Account.

KPI Type	Basic formula/algorithm that defines how e.g. the quality rate, performance or availability of your Assets is calculated. Serves as a template for Asset specific KPI Instances.
Operand	Input parameter for a KPI Type.
Performance Insight Email Notification	Enables sending emails in relation to certain events defined by a User e.g. sending a monthly report to individual recipients.
Variable	Data point of a configured Asset.
Widget	Configurable, resizable Dashboard tile that displays information in a specific way, e.g. chart, value.
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 .