SIMATIC Energy Manager
Product Sheet and Specific Terms

The MindSphere application SIMATIC Energy Manager provides additional transparency about energy consumption and energy flows on your machines, across manufacturing lines or entire sites.
SIMATIC Energy Manager helps you to increase energy efficiency by offering you different analytics for consumption, unit consumption, costs and CO_2 emissions. You can access either predefined or individual Key Performance Indicator (KPI) calculations and create customized visualizations.

Prerequisites	
Subscription	A valid MindAccess IoT Value Plan (Small/Medium/Large) subscription is required.
Web browser	An HTML5 capable Internet browser is required in order to configure and display KPIs and Dashboards on your PC or mobile device. Google Chrome and a screen resolution of 1920x1080 is recommended.

Description	
General	SIMATIC Energy Manager supports energy KPI calculations based on your time series data and provides a flexible possibility to display the information in custom Dashboards. The Asset specific Media analysis helps you to detect inefficiencies and to develop energy efficiency measures.
Web-based user interface	This application offers a user interface accessible via a common web browser. Within this user interface, you can: • 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, • Set up and manage the Asset and Variable configuration, • Set up and manage the consumed Media, the appropriate costs and CO_2 emissions. • Analyze time series data or KPIs using the available Widget types such as chart, value, gauge, pie or heat map.

KPI usage and creation	This application offers the possibility to define KPI Types which can be used to create KPI Instances assigned to individual Assets. Users can: • Create, modify or delete KPI Types, • Create, modify or delete KPI Instances by using an individual KPI Type and link specific Variables of an Asset to the appropriate Operands, • Create, modify or delete KPI Instances by predefined KPI Types, • Get an overview of Variables or KPI Instances for an individual Asset, • Generate KPIs automatically such as unit consumption, costs or CO_2 emissions for the Media analysis of a configured Asset.
Dashboarding	Based on the flexible dashboarding of SIMATIC Energy Manager, Users can: • 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 energy consumption of an Asset including the related KPI Instances such as unit consumption, costs or CO_2 emissions.
Application permissions	SIMATIC Energy Manager is operated in a data center in the Area European Union and reads, processes and writes 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). • User data (User name (given name and surname), email address, user rights granted, user role and language). 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.

Pricing Model

Fee for	Base subscription	Additional KPI Instance	Additional User	Additional Asset for Media analysis
	Includes 5 KPI Instances, 3 Users and 2 Assets for Media analysis	per additional KPI Instance	per additional User	per additional Asset for Media analysis
Price	40 €/month[1]	3 €/month[1]	2 €/month[1]	10 €/month[1]
Billing cycle	Monthly in advance	Monthly in arrears		

[1] If a price is displayed in a different currency on the product detail page for SIMATIC Energy Manager on http://www.mindsphere.io/store in your country of residence at the date of buying the base subscription, additional KPI Instance, User and/or Asset for Media analysis, such displayed price will be charged.

Base subscription fee	The base subscription allows access and use of the application with up to 5 KPI Instances, 2 Assets for Media analysis and 3 Users for visualizing the condition of a single Asset e.g. a machine. One KPI Instance includes up to 5 Variables used in the Widget.
Usage-based fees for additional KPI Instance, User or Asset for Media analysis	Additional fees will be applied on a monthly basis (full month principle) for each additional KPI Instance, User or Asset for Media analysis exceeding the number of KPI Instances, Users or Assets for Media analysis included in the base subscription. Effective date for counting the number of KPI Instances, Users and Assets for Media analysis is the last day of the respective month.
Cancellation	You may cancel KPI Instances, Users and Assets for Media analysis in the application by deleting them at any time. The cancellation shall become effective at the end of the month in which the deletion was conducted.
Payment terms	The base subscription fee is charged monthly in advance and the fees for any additional KPI Instances, Users or Assets for Media analysis are charged monthly in arrears.
Subscription Term, termination	Minimum Subscription Term for this application is 1 month. 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 with at least 30 days advance notice. 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 has to be addressed to contract@mindsphere.io.
Adaptation of fees	We may change our fees or add new fees (collectively referred to as "Fee Change") due to: (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. 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.
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.
Data use rights	"Collected Data" means the following data collected by SIMATIC Energy Manager: Any data and information processed and monitored by SIMATIC Energy Manager in order to fulfil its functionality. You acknowledge that Collected Data may include copies made by SIMATIC Energy Manager from certain parts of Your Content for use in accordance with this Product Sheet and Specific Terms. During and after the Subscription Term, Siemens and its business partners may use Collected Data for Siemens' internal purposes (e.g. development and improvement of products and services) and to improve SIMATIC Energy Manager. Use of Collected Data in accordance with this Section will be at Siemens' risk. Should Siemens divest substantially all of its assets of a business or should an Affiliate cease to be an Affiliate of Siemens AG, the purchaser of the divested business or the former Affiliate, respectively, may use the Collected Data received by such business or Affiliate before divestment, only as permitted in this Product Sheet and Specific Terms.
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 Energy Manager are made available via the following web link: https://sie.ag/MindSphere-ThirdParty_SIMATIC-EnergyManager.
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). These changes shall become binding upon release of a new version of this document on www.mindsphere.io/terms. We may update this document from time to time during a Subscription Term for other reasons. We will notify you at least 90 days prior to such change, and you may terminate the subscription 30 days prior to the change effective date. In the event of such termination, we will refund any prepaid amounts for this application on a pro-rata basis for the remaining Subscription Term. These changes shall become binding with expiration of the 90 days deadline.
Support	Support 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 MindAccess 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 MindAccess IoT Value Plan.
KPI Type	Basic formula/algorithm that defines how e.g. unit consumption, costs or CO_2 emission of your Assets is calculated. Serves as a template for Asset specific KPI Instances.
Media	Media is a form of energy such as gas, water, electricity, steam. An Asset can consume one or more Media.
Operand	Input parameter for a KPI Type.
Variable	Data point of a configured Asset.
Widget	Configurable, resizable Dashboard tile that displays information in a specific way, e.g. chart, value.
General	All other capitalized terms in this document shall have the meaning given to them in the MindSphere Agreement.

www.mindsphere.io/terms