

SENTRON powermind Package

Product Sheet and Specific Terms



The MindSphere application SENTRON powermind provides transparency for your power distribution. It allows to store, analyze and visualize data from your power distribution system. Dashboards such as actual power consumption, load curves, comparison with historical data are provided within this application. The SENTRON powermind Package consists of the MindSphere application SENTRON powermind and selected MindSphere Resources which are required to access the Platform and to utilize the application.

Prerequisites	
Data sources	As of the date of release of this Product Sheet and Specific Terms only the following data sources can be used to supply data to SENTRON powermind: <ul style="list-style-type: none"> • Hardware: SENTRON Powercenter 3000 with firmware V1.3 or higher, These products need to be purchased separately (e.g. via Industry Mall, https://mall.industry.siemens.com/) under separate terms and conditions.
SENTRON devices	SENTRON devices e.g. SENTRON PAC meters, SENTRON breakers 3VA, 3WL, 3WA etc. as a part of a smart switchgear assembly are supported. For further details please refer to https://www.siemens.com/powermonitoring .
Web browser	An HTML5 capable Internet browser with a screen resolution of 1920x1080 or higher is required (e.g. Google Chrome or Microsoft Edge). Google Chrome is recommended. Mobile devices are supported by using HTML5 capable Internet browsers.

Description of SENTRON powermind application	
General	The SENTRON powermind application allows you to analyze and visualize data from your power distribution system. The following views are provided as part of this application: <ul style="list-style-type: none"> • Current power consumption and power factor, • Historical energy and power demand values (with comparison feature) in load curves and bar charts.
Data update rate	The data update rate is defined by the application to balance user needs and costs. Instantaneous data values are updated every 10 sec. Historical data values contain 15 min values.

Application permissions	<p>The SENTRON powermind application is operated in data centers in the Area European Union and processes the following data:</p> <ul style="list-style-type: none"> • 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). <p>The application performs the following activities which modify or amend Your Content in your Account on your behalf:</p> <p>Read / write access on your time series data:</p> <ul style="list-style-type: none"> • This application reads uploaded data from your on-premise data sources to evaluate and process certain information presented in different views within this application. This application writes time series data into your MindSphere data repository to keep the processed values available on a long-term basis. <p>Read access on your Asset configuration data:</p> <ul style="list-style-type: none"> • Read access on Asset configuration data is required in order to use the functionalities of this application.
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Description of MindSphere Resources

The following MindSphere resources (“MindSphere Resources”) are included in the SENTRON powermind Package. These have been selected to ensure proper operation of SENTRON powermind application. If you already have a valid subscription to a MindAccess IoT Value Plan (Small/Medium/Large), you can also subscribe to the SENTRON powermind application without additional MindSphere Resources. In such case, the Product Sheet and Specific Terms for SENTRON powermind available on www.mindsphere.io/terms applies.

Base Tenant	<p>The Base Tenant provides you with a dedicated Account (also referred to as “Tenant”) on MindSphere. It enables you to login to your Account via the respective URL provided by us and is required for use of the application and MindSphere Resources.</p> <p>The Base Tenant includes 1 Admin User and provides you with the following administration tools available on the MindSphere Launchpad:</p> <ul style="list-style-type: none"> • Usage Transparency: provides information regarding your consumption of MindSphere Resources. • Settings: allow managing Users, permissions, rights, roles, groups, Collaborations, subtenants and tenant provider information. For every User, an individual login is required. Users are also permitted to access and utilize the user management for the purpose of receiving a service from you. However, a user that receives a service from you shall not be granted with administration rights, except for administration rights that are offered by the user management of a subtenant. • Asset Manager: use Asset Manager to onboard & offboard agents to your Account; configure assets, asset types and aspect types; manage the Sharing of assets under a Collaboration between Accounts using Cross-Tenancy. The User that is entitled to administrate the Asset Manager may permit users of a subtenant who receive a service from you to directly access the Asset Manager in relation to the respective subtenant¹. • Upgrade: use Upgrade to order available upgrades to your subscribed and additionally available MindSphere Resources (e.g. increase Users or agents); get an overview of your requested and completed upgrades; manage pending upgrade requests (authorized Users only).
User	It allows a defined number of Users to access your Account and use the application.

Agent	An agent is a software as part of a hardware device (e.g. SENTRON Powercenter 3000) or in the form of an application provided by Siemens or a Third Party which you connect to your Account and which can ingest data into your Account and send data to one or more asset instances.
Asset Instance	Asset instance reflects a physical and/or logical device within your Account, e.g. SENTRON device would be an asset instance. Each instance belongs to an asset type.
Time Series Data Ingest Rate	Time series data ingest rate represents the rate at which the sensor data is ingested into the Platform. Data ingest is based on number of assets, number of variables per asset, size per variable including overhead, read cycle interval and sending frequency. This depends on the size of the requests containing time series sent from you to the Platform. Time series data ingest rate is restricted to a maximum of 100 KB/s per asset.
Time Series Data Storage	Time series data storage represents the total volume of time series data ingested and stored in the Platform for an Account.
Subtenant	<p>A subtenant is a certain limited resource of a tenant and represents a subpart of your own real-world organization or the real-world organization of a third party that receives a service from you. It is also used to assign applications and access to applications.</p> <p>It can be used by you as part of OEM Services as described in the Specific Terms for MindAccess IoT Value Plan available on www.mindsphere.io/terms. If you provide your customers with OEM Services, the Specific Terms for MindAccess IoT Value Plan available on www.mindsphere.io/terms shall apply accordingly to the MindSphere Resources set out herein as if you had subscribed to a MindAccess IoT Value Plan.</p>

SENTRON powermind Package Overview		
Base subscription	SENTRON powermind Package	
SENTRON powermind application	✓	
Base Tenant ¹	✓ (incl. 1 Admin User)	
Users	1	
Agent	1 data source	
Asset Instances	3 SENTRON devices	
Time Series Data Ingest Rate	60 B/s	
Time Series Data Storage	5 GB	
MindSphere Resources upgrade (optional)	SENTRON powermind Package upgrades (incl. fees)	
The SENTRON powermind Package upgrades contain the following additional MindSphere Resources and can only be activated within the SENTRON powermind application.		
User	1 additional User	3 € ² / month
Agent	1 additional data source	10 € ² / month
Subtenants	1 Subtenant	8 € ² / month
	5 additional SENTRON devices +100 B/s Time Series Data Ingest Rate	10 € ² / month

Asset Instances, Time Series Data Ingest Rate and Time Series Data Storage	+ 10 GB Time Series Data Storage	
	10 additional SENTRON devices +200 B/s Time Series Data Ingest Rate + 20 GB Time Series Data Storage	15 € ² / month
	20 additional SENTRON devices +400 B/s Time Series Data Ingest Rate + 40 GB Time Series Data Storage	25 € ² / month
	100 additional SENTRON devices +2 KB/s Time Series Data Ingest Rate + 150 GB Time Series Data Storage	90 € ² / month

¹⁾ You can decide if a Base Tenant shall be created and provisioned to you as part of your SENTRON powermind Package base subscription or if the SENTRON powermind Package (without a Base Tenant) shall be added to an existing Account (Base Tenant or MindAccess IoT Value Plan Account). A Package can only be added to an existing Account if the Account and Package are hosted in the same data center location. If you decide to add various Packages to one existing Account, please note the following: The MindSphere Resources included in the various Packages will be combined under one Account; it is your responsibility to allocate the MindSphere Resources to the various Packages according to your needs; ²⁾ If a fee is displayed in a different currency on the [product detail page for SENTRON powermind Package](#) on <http://www.mindsphere.io/store> in your country of residence at the date of activating any of the upgrades described herein, such displayed fee will be charged.

Specific Terms	
Subscription Term for base subscription, termination	The initial Subscription Term for SENTRON powermind Package is 12 months. Following expiration of the preceding initial Subscription Term, the subscription automatically renews with a Subscription Term of 12 months at the then-current terms made available under www.mindsphere.io/terms , unless either Party notifies the other Party at least 60 days prior to the then-current expiration date that it has elected not to renew. Upon expiration of the Subscription Term for SENTRON powermind Package without renewal, any upgraded MindSphere Resources will also be deactivated and cannot be used any longer.
MindSphere Resources upgrade, activation and deactivation	Any of the upgrades described herein may be activated or deactivated within the application at any time during a valid Subscription Term for SENTRON powermind Package.
Payment terms	The subscription fee for SENTRON powermind Package is charged yearly in advance. Upon activation and until deactivation of an upgrade described herein, the fee for the relevant upgrade is charged on a daily basis monthly in arrears.
Data center location	Your Content processed by the MindSphere Resources is stored at rest in the Area European Union as set out in the MindSphere Supplemental Terms available on www.mindsphere.io/terms .
Adaptation of fees	During the Subscription Term, 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. The fees during any renewed Subscription Term will be the same as during the immediately prior Subscription Term, unless we notify you of a Fee Change at least 90 days prior to the end of the then-current Subscription Term, in which case the communicated Fee Change will be effective upon subscription renewal.

Trial	<p>“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.</p> <p>We will notify you by email of the exact start and end date of the Subscription Term for the Trial (“Free Trial Period”).</p> <p>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.</p> <p>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.</p>
Service Level Agreement	<p>The Monthly Uptime Percentage for the SENTRON powermind Package is 95%. Monthly Uptime Percentage is defined in the MindSphere Supplemental Terms available on www.mindsphere.io/terms.</p>
Application use rights	<p>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 (i) your MindAccess IoT Value Plan Account (if applicable) or (ii) Base Tenant (subject to your separate order of subtenants for additional fees), you may permit Users of Third Parties to access and use this application for the purpose of receiving a service from you.</p>
Third Party Terms	<p>The application contains Third Party services, including open source software, or software-related managed services, which are subject to additional or different terms, license rights, or require certain notices by their licensor, which we are obliged to pass on to you as your licensor and to which you agree to abide (“Third Party Terms”).</p> <p>The Third-Party Terms for SENTRON powermind application are made available via the following link: https://sie.ag/MindSphere-ThirdParty_SENTRONpowermind.</p>
Changes to the Product Sheet and Specific Terms	<p>We may update this document from time to time during a Subscription Term in order to reflect any changes agreed with or imposing by our subcontractors (including changes in open software license terms) or when we introduce new MindSphere Resources, 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 for this document on www.mindsphere.io/terms.</p>
Data Use Rights	<p>“Collected Data” means the following data collected by this application:</p> <ul style="list-style-type: none"> • 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). • Agent configuration data. <p>You acknowledge that Collected Data may include copies made by the application from certain parts of Your Content for use in accordance with this Product Sheet & 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).</p>

Support	Support may be contacted via Industry Online Support https://support.industry.siemens.com . Support is available in English and German.
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Export Control Regulations

Applicable for SENTRON powermind application and MindSphere Resources.	
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.
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.
MindSphere Launchpad	After the login into your Account, the Launchpad appears. Similar to a desktop on any common operating system (OS), the MindSphere Launchpad facilitates starting various assigned applications. If you provide services to your customers, you must replace the Siemens service and support information provided in the MindSphere Launchpad with your companies' service and support information
General	Unless indicated otherwise, capitalized terms used in this document shall have the meaning given to them in this Product Sheet and Specific Terms or elsewhere in the MindSphere Agreement.