

# SIPROTEC Dashboard

## Product Sheet and Specific Terms



SIPROTEC Dashboard is a cloud-based application which enables power grid operators to monitor the operational status of their SIPROTEC device fleet and optimize maintenance activities.

Prerequisites	
Subscription	A valid MindAccess IoT Value Plan (Small/Medium/Large) subscription is required.
Hardware	This application is only compatible with data provided by modular and non-modular SIPROTEC 5 protection devices based on CP100 (non-modular) and CP300 (modular) CPU architectures. These devices need to be equipped with an Ethernet communication module (ETH-BA-2EL/2FO). For further information concerning support of SIPROTEC 4 and SIPROTEC Compact protection devices, please contact your local Siemens sales representative.
Software	The minimum SIPROTEC 5 firmware version required to enable communication with your MindSphere Account is v7.90. The device engineering software DIGSI 5 v7.90 or higher is required for the configuration of the IoT communication protocol (OPC UA PubSub).
Operating systems and web browsers	SIPROTEC Dashboard is a web-based application specifically optimized for use on smartphones and tablets running Google Android or Apple iOS operating systems. The application requires at least Android 7.0 or iOS 12.2 and a recent version of Google Chrome, Apple Safari, Mozilla Firefox or Opera.

## General

SIPROTEC Dashboard	This application is available in different sizes (Small/Medium/Large). You are only authorized to use the application in accordance with the size to which you hold a valid subscription. The application can be accessed through the MindSphere Launchpad.
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## Size Overview

SIPROTEC Dashboard	Small	Medium	Large
Maximum number of SIPROTEC devices	50	250	1000
Authorized limits	Should the actual usage of your application size repeatedly exceed one or more of the applicable limits above (e.g. the number of SIPROTEC devices for your application size), and should you not order the appropriate increase of usage capacities for an additional fee, we reserve the right to suspend the Service. Other contractual rights and remedies remain unaffected.		

## SIPROTEC Dashboard – Features

Notifications	Shows a list of notification groups for events occurred within the selected time frame. Each notification group consists of one or more events and each event belongs to a specific category like protection function trip. The User can select a notification group and all devices belonging to that notification group will be displayed in a map.
Protection Trips	Shows a list of devices with protection trips which occurred within the selected timeframe. The User can choose a trip from the list and the corresponding device will be displayed in a map.
Security	Shows a list of devices with failed logins which occurred within the selected timeframe. Additionally, statistics of failed and successful logins per day and per hour will be shown.
Condition Monitoring	Shows statistics of Circuit breaker I <sup>2</sup> T, Transformer and switch gear hotspot temperature and Transformer tap changer.
Devices & Data Points	Shows all connected SIPROTEC devices independent from events with device-specific information like location and firmware version. In the Data Points section the User can observe the number of “digitalized” devices and the changes regarding number of available datapoints over time.
Application permissions	<p>This application is operated in data centers in Germany and processes the following data:</p> <ul style="list-style-type: none"> <li>• Time series data which includes the variables received from a device within defined continuous time cycles.</li> <li>• Device configuration data which describes the device (e.g. device name, location).</li> </ul> <p>This application performs the following activities which modify or amend Your Content in your MindAccess Account on your behalf:</p> <ul style="list-style-type: none"> <li>• Read uploaded device data from your data repository to evaluate and process certain information presented in different views in this application itself. This data will be stored to show the processed values in the different</li> </ul>

	<p>application views.</p> <ul style="list-style-type: none"> <li>• The device location will be stored in the device configuration section of your data repository if set via the SIPROTEC Dashboard application.</li> </ul>
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## Specific Terms

Subscription Term, termination for convenience	Subscription Term for this application is 1 month with automatic renewal. The Subscription Term ends with termination by you or us. You may terminate your subscription to this application for convenience with effect to the end of a month by giving us at least 60 days prior notice. We may discontinue the operation of the application by giving you at least 60 days' notice prior to the planned discontinuation date.
Payment terms	The fee for the available application sizes is charged monthly in advance.
Service Level Agreement	The Monthly Uptime Percentage for this application is at least 90%. Monthly Uptime Percentage is defined in the MindSphere Supplemental Terms available on <a href="http://www.mindsphere.io/terms">www.mindsphere.io/terms</a> .
Data Use Rights	<p>During and after the term of the agreement, Siemens and its business partners may use Collected Data for Siemens' internal purposes, e.g. development and improvement of products and services. Use of Collected Data in accordance with this Section will be at our risk.</p> <p>“Collected Data” means the following data collected by this application: Time series data relating to device operation and configuration. 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 &amp; Specific Terms.</p>
Third Party Terms	<p>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 are made available via the following web link: <a href="https://sie.ag/MindSphere-ThirdParty_SIPROTECDashboard">https://sie.ag/MindSphere-ThirdParty_SIPROTECDashboard</a>.</p>
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 <a href="http://www.mindsphere.io/terms">www.mindsphere.io/terms</a> .
Support	<p>Support for this application is available 24 hours a day in English and German. Support requests can be addressed to the Customer Support Center (CSC) from Siemens:</p> <p>Phone: +49 180 524 7000          Fax: +49 180 524 2471          E-Mail: <a href="mailto:support.energy@siemens.com">support.energy@siemens.com</a></p> <p>For more information, refer to <a href="http://www.siemens.com/csc">http://www.siemens.com/csc</a>.</p>

## Export Control Regulations

AL	N
ECCN	EAR99

## Security Information

Secured IoT connectivity	A secured communication channel is established from the SIPROTEC device to MindSphere. The TLS (Transport Layer Security) protected communication uses state-of-the-art security mechanisms, e.g. by use of X.509 certificates signed by your own Certification Authority (CA). The CA certificate needs to be assigned to your MindAccess IoT Value Plan to ensure that IoT data received from your SIPROTEC devices is correctly stored in your data repository.
General	In order to protect substations, systems, machines and networks against cyber threats, it is necessary that you implement a holistic, state-of-the-art substation security concept and continuously maintain the same. For more information, refer to <a href="http://www.siemens.com/gridsecurity">www.siemens.com/gridsecurity</a> .

## Definitions

General	All capitalized terms in this document shall have the meaning given to them in the MindSphere Agreement.
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