

SIDRIVE IQ Fleet Package

Product Sheet



The MindSphere application SIDRIVE IQ Fleet allows you to access all relevant motor and asset data of your installed motors via your Tenant. The application includes a variety of functions which assist you in managing motors' maintenance and operations. SIDRIVE IQ Fleet provides you aggregated statistics and localization of your fleet, as well as individual KPIs, logbook, motor profile and product documentation. By using SIDRIVE IQ Fleet you can optimize your fleet maintenance tasks, reduce unscheduled downtime and increase your plant availability.

The SIDRIVE IQ Fleet Package consists of the MindSphere application SIDRIVE IQ Fleet and selected MindSphere resources which are required to access the Platform and to utilize the application.

Prerequisites

Hardware	This application is only compatible with data provided through SIMOTICS CONNECT 400 (SC400). The commissioning (onboarding to MindSphere) and configuration of SC400 devices is not part of our Services but is in your responsibility. To select, procure, configure, onboard and operate the SC400 devices, you can use the free mobile app SIDRIVE IQ Config which is available under separate terms and conditions.
Web browser	An HTML5 capable Internet browser is required (e.g. Mozilla Firefox, Google Chrome or Microsoft Internet Explorer). The recommended screen resolution is 1024x768 or higher. This application can be used on any mobile device that comes with an HTML5 capable web 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 of SIDRIVE IQ Fleet application

Main functionalities	<p>Main features of the SIDRIVE IQ Fleet application are:</p> <ul style="list-style-type: none"> • Automated processing, analysis and storage of operating data in your Tenant received from a local SC400 device. • Usage of SIDRIVE IQ Fleet application. <ul style="list-style-type: none"> ▪ General overview of all connected motors according to 3 different views: <ul style="list-style-type: none"> - Map for motors location (might not be available in some regions), - List (motors list), - KPI (motor fleet overall KPIs). ▪ Connected motor specific views:
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- Overview tab:
 - o KPI: Statistics regarding the state of health, operating time, energy consumption,
 - o Explore: Graphical representation and curves of individual data points and reference values (time series, e.g. speed, torque, vibration),
 - o Operating point: Display operating points according to motor usage and makes suggestions for vibration limits (VFD usage)
 - o Bearing Analysis: Display condition on motor.
- Logbook tab: Overview of historical events (status, alarms, faults),
- Profile view: Connected motor rating plate (rating plate, incl. general, mechanical, electrical data),
- Support tab: Product documentation, Siemens Customer Service platforms, service contacts, link to spare part information system (Spares on web), link to Siemens Industry Online Support (SIOS),
- Settings tab: Mail notifications activation/subscription & SC400 settings / status visualization,
- Thresholds view: Signals thresholds settings,
- Export tab: Manual export of asset information and data into csv-files,
- Maintenance tab: Motor specific maintenance counters or customized counters.

The contents and scope of the different tabs may vary depending on which motor is connected and which SIDRIVE IQ Fleet Packages are subscribed.

Description of MindSphere Resources

The following MindSphere resources (“MindSphere Resources”) are included in the SIDRIVE IQ Fleet Package or its extensions. These have been selected to ensure proper operation of SIDRIVE IQ Fleet application.

Base Environment

The Base Environment provides you with a dedicated Account (also referred to as “Environment”) 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.

The Base Environment includes 1 Admin User and provides you with the following administration tools available on the MindSphere Launchpad:

- Usage Transparency: provides information regarding your consumption of MindSphere Resources.
- Agent Diagnostic: allows you to activate and deactivate agent logfiles and to access them.
- Settings: allow managing Users, permissions, rights, roles, groups, Collaborations, and environment provider information. For every User, an individual login is required. Access policies are available only upon request. MindSphere sales representative or MindSphere Support to be contacted to enable use of access policies.
- Asset Manager: use Asset Manager to onboard & offboard agents to your Account; to configure assets, asset types and aspect types; to manage the Sharing of assets under a Collaboration between Accounts using Cross-Tenancy.
- Upgrade: can be used to order available upgrades (incl. add-ons) to already Offerings; to get an overview of requested and completed upgrades; to manage pending upgrade requests (authorized Users only).

The Base Environment provides you with the following connectivity “Connect your Things” capabilities as well:

- To connect assets using own PC as a gateway with MindConnect Software Agent.

	<ul style="list-style-type: none"> • To connect individual hardware using MindConnect API services, MindConnect MQTT Services, MindConnect OPC UA PubSub Services and MindConnect Library. • To use MindConnect Hardware e.g. MindConnect Nano, MindConnect IoT2040, MindConnect IoT2050. • Zero touch onboarding using MindConnect OPC UA PubSub Services and MindConnect MQTT Services. • To maintain connected devices by using MindConnect Device Management Services. <p>For more information regarding Connect your Things capabilities, please refer to the Product Sheet for MindSphere Capability Packages available at https://siemens.mindsphere.io/en/docs/Product-Descriptions-Overview/MindSphere-Product-Sheets.</p>
Additional MindSphere Resources	<p>In addition to the Base Environment, the following MindSphere Resources are included in the SIDRIVE IQ Fleet Package and its extensions:</p> <ul style="list-style-type: none"> • Asset Attributes • Events • File Storage • Notifications Email • Time Series Data Ingest Rate • Time Series Data Storage <p>For general descriptions of the MindSphere Resources listed above, please refer to the Glossary.</p>

SIDRIVE IQ Fleet Package Overview				
Application subscription	SIDRIVE IQ Fleet Package Starter			
Fee	See Order ¹			
SIDRIVE IQ Fleet Package Starter contains the following MindSphere Resources to be able to onboard and host 1 SC400 device in the application. Upon onboarding of the first SC400 device in the application, the MindSphere Resources will be provisioned to your Account.				
SIDRIVE IQ Fleet application	✓			
Base Environment ²	✓			
User	5			
Asset Attributes	70			
Time Series Data Ingest Rate	0.01 KB/s			
Time Series Data Storage	1 GB			
Notifications E-mail ³	1 000			
Events ⁴	1 000			
File Storage	1 GB			
Extensions (for application and MindSphere Resources)	SIDRIVE IQ Fleet Package 1/20/35/200 Assets			
SIDRIVE IQ Fleet Package 1/20/35/200 Assets contains the following MindSphere Resources and depending on the selected SIDRIVE IQ Fleet Package Asset size, you are able to onboard and host 1 / 10 / 35 / 200 SC400 devices in the application. Upon onboarding of your SC400 devices in the application, the MindSphere Resources will be provisioned to your Account on a pro rata basis ⁵ .				
	1 Asset	10 Assets	35 Assets	200 Assets
	1 x MindSphere Resources as stated below	10 x MindSphere Resources as stated below	35 x MindSphere Resources as stated below	200 x MindSphere Resources as stated below

Fee	See Order ¹	See Order ¹	See Order ¹	See Order ¹
Asset Attributes	70 additional Asset Attributes			
Time Series Data Ingest Rate	0.01 KB/s additional Time Series Data Ingest Rate			
Time Series Data Storage	1 GB additional Time Series Data Storage			
Events ⁴	1 000 additional Events			
File Storage	1 GB additional File Storage			
Extension (for MindSphere Resources)	SIDRIVE IQ Fleet Package E-mail Notification Extension			
Fee	See Order ¹			
Notification Email ³	1 000 additional Email Notifications			
Extension (for MindSphere Resources)	SIDRIVE IQ Fleet Package File Storage Extension			
Fee	See Order ¹			
File Storage	1 GB additional File Storage			
Extension (for MindSphere Resources)	SIDRIVE IQ Fleet Package Events Extension			
Fee	See Order ¹			
Events	1 000 additional Events			
<p>¹) Subscription-based pricing is set forth in the Order; ²) You can decide if a Base Environment shall be created and provisioned to you as part of your SIDRIVE IQ Fleet Package Starter subscription or if the SIDRIVE IQ Fleet Package Starter (without a Base Environment) shall be added to an existing Account (Base Environment or MindSphere Capability Package 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. The combination of MindSphere Resources under one Account may lead to technical limitations in their accessibility https://siemens.mindsphere.io/en/docs/Product-Descriptions-Overview/technical-limitations; ³) Notifications in form of emails included in the Packages are limited. Should the actual usage of notifications exceed the applicable limits above, the User will not receive emails anymore; ⁴) Events included in the Packages are limited. Should the actual usage of events exceed the applicable limits above, no more events (logs) will be generated. Additional events can be ordered for an additional fee; ⁵) Example: Upon onboarding of one SC400 device, MindSphere Resources (e.g. 70 Asset Attributes, 0.01 KB/s Time Series Data Ingest Rate, 0.5 GB Time Series Data Storage, 1 000 E-mail Notifications per month and 1 000 Events) will be provisioned; upon onboarding of a second SC400 device, additional MindSphere Resources will be provisioned.</p>				

General	
Subscription Term	The standard Subscription Term for the application is 12 or 36 months, and extensions are 12 months. The Subscription Term shall automatically renew if stated in the Order.
Co-term (renewal and termination)	The Subscription Term for extensions will be co-termed with the Subscription Term of the application and therefore can be shorter than the standard Subscription Term. If an application subscription is terminated, the associated extensions will also be terminated at the same time.
Payment terms	The fee for SIDRIVE IQ Fleet Package Starter and for any of the extensions described herein is fully charged in advance for the entire Subscription Term unless otherwise expressly provided in an Order.
Trial	SIDRIVE IQ Fleet Package Starter is available as a "Trial" version. The Trial term and conditions are defined in the MindSphere Supplemental Terms available on www.siemens.com/sw-terms/supplements .
Service Level Agreement	The Monthly Availability for this application is at least 95%. Monthly Availability is defined in the Cloud Services Support and Service Level Framework available at https://www.siemens.com/sw-terms/sla .

Third-Party Terms	The Third-Party Terms for SIDRIVE IQ Fleet application are made available via the following web link: https://siemens.mindsphere.io/en/docs/Product-Descriptions-Overview/Third-Party-Terms .
Support	Support may be contacted via web with following link: https://siemens.com/supportrequest/ Support is available in English and German.

Export Control Regulations

Applicable for SIDRIVE IQ Fleet 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.
Access credentials	Authentication and authorization on User level based on username and password. Multi-factor authentication is recommended to be enabled in your Account for improved security.

Definitions

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 .
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