

SIDRIVE IQ Fleet Package

Product Sheet and Specific Terms

Document Version: v1.0 (March 2021), PRC

1. Introduction



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, log-book, 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.

1.1 Prerequisites

Item	Description
Hardware	<p>This application is only compatible with data provided through SIMOTICS CONNECT 400 (SC400).</p> <p>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.</p>
Web browser	<p>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.</p>

2. Description of SIDRIVE IQ Fleet Application

Item	Description
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: <ul style="list-style-type: none"> - Overview tab: Statistics regarding the state of health, operating time, energy consumption, - Explore/Chart tab: Graphical representation and curves of individual data points and reference values (time series, e.g. speed, torque, vibration), - 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: KPIs thresholds settings, - Export tab: Manual export of asset information and data into csv-files. <p>The contents and scope of the different tabs may vary depending on which motor is connected and which SIDRIVE IQ Fleet</p>

	<p>Packages are subscribed.</p>
<p>Application permissions</p>	<p>This application is operated in data centers in the Area of PRC and processes the following data received from onboarded SC400s: temperature, vibration (3-axis), magnetic field.</p> <p>The application performs the following activities which modify or amend Your Content in your Account on your behalf:</p> <p>Read and write access on your service logbook & service information:</p> <ul style="list-style-type: none"> • This application reads and writes service logbook, service information and maintenance recommendation in order to generate certain information presented in different views within this application. <p>Read access on your time series data:</p> <ul style="list-style-type: none"> • This application reads transmitted data from SC400 to evaluate and process certain information presented in different views within this application. <p>Read and write access on your motor rating plate information:</p> <ul style="list-style-type: none"> • Read and write access on digital rating plate information (digital product twin) is required in order to generate certain information presented in different views within this application. <p>Read and write access on your asset configuration data:</p> <ul style="list-style-type: none"> • Read and write access on asset configuration data is required to evaluate and process certain information presented in different views within this application. <p>Read access on your purchasing history:</p> <ul style="list-style-type: none"> • Read access on purchasing history is required in order enable you to use the functionalities of this application.

3. Description of MindSphere Resources

Depending on your subscription (please see SIDRIVE IQ Fleet Package Overview below), the following MindSphere resources (“MindSphere Resources”) are included in the SIDRIVE IQ Fleet Package. These have been selected to ensure proper operation of SIDRIVE IQ Fleet application.

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 unique URL provided by us and is required for use of the application and MindSphere Resources.</p> <p>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.• Agent Diagnostic: allows you to activate and deactivate agent logfiles and to access them.• Settings: allows managing Users, permissions, rights, roles, groups, collaborations, subtenants¹ 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 subtenant¹.• Asset Manager: Use the 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 subtenant¹ 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. SC400) 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	An Asset instance reflects a physical and/or logical device within your Account, e.g. a specific motor within a factory would be an asset instance. Each instance belongs to an asset type.
Asset Type	Asset type describes the type of an asset including one or several attributes. An asset type is a template that describes the attributes of a homogenous group of physical or logical assets, which is used for asset modeling. An asset type is a grouping of assets with common characteristics that distinguish those assets as a group or class.
Time Series Data Ingest Rate	Time series data storage represents the total volume of time series data (e.g. measured values from an SC400) ingested and stored in the Platform for an Account.
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.
IoT File Storage	IoT file storage represents the total volume of files (e.g. threshold settings, Users to be notified) uploaded and stored in the Platform for an Account.
Event	An event documents the occurrence of a defined situation (e.g. voltage dip or voltage swell events).
Notifications	The number of notifications added to the Package determines how many notifications you can trigger in total each month. Sending emails leverages MindSphere's Notification Service. The terms and conditions set out in the MindSphere Supplemental Terms for Notification Service available on http://tb.cn/VMMan5w also apply to your use of notifications.
¹⁾ Please note that subtenants are not part of the SIDRIVE IQ Fleet Package Basic and are currently not supported by the	

application. Subtenants can be ordered separately for additional fees and can be used for OEM Services as described in the Specific Terms for MindAccess IoT Value Plan available on <http://tb.cn/VMMan5w>. If you provide your customers with OEM Services, the Specific Terms for MindAccess IoT Value Plan available on <http://tb.cn/VMMan5w> shall apply accordingly as if you had subscribed to a MindAccess IoT Value Plan.

4. SIDRIVE IQ Fleet Package Overview

Base subscription	SIDRIVE IQ Fleet Package Basic			
SIDRIVE IQ Fleet Package Basic contains the following MindSphere Resources. In order to start monitoring an asset, a subscription of SIDRIVE IQ Fleet Package Asset is required. Upon onboarding of the first SC400 device in the application, the MindSphere Resources (Asset Type and IoT File Storage) will be provisioned to your Account.				
SIDRIVE IQ Fleet application	✓			
Base Tenant	✓			
Asset Type	1			
IoT File Storage	0.5 GB			
Asset subscriptions	SIDRIVE IQ Fleet Package Asset			
SIDRIVE IQ Fleet Package Asset 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. As precondition you need a valid base subscription to SIDRIVE IQ Fleet Package Basic. Upon onboarding of your SC400 devices in the application, the MindSphere Resources will be provisioned to your Account on a pro rata basis ¹ .				
Asset subscription sizes	1 Asset	10 Assets	35 Assets	200 Assets
	1 x	10 x	35 x	200 x
	MindSphere Resources as stated below	MindSphere Resources as stated below	MindSphere Resources as stated below	MindSphere Resources as stated below
Agent	1			
Asset Instances	2			
Time Series Data Ingest Rate	0.01 KB/s			
Time Series Data Storage	0.5 GB			
Notifications ² per month	10			
Events ³	1000			
MindSphere Resources upgrade (optional)	SIDRIVE IQ Fleet Package User Upgrade			
User	1 additional User			
MindSphere Resources upgrade (optional)	SIDRIVE IQ Fleet Package 1 Shared Asset Upgrade			

SIDRIVE IQ Fleet Package 1 Shared Asset provides you an extra Asset Instance for receiving an asset from a Tenant that you are collaborating with via Cross-Tenancy. The shared asset includes all information incl. time series data, logbook information, motor profile.	
Asset Instances	1
MindSphere Resources upgrade (optional)	SIDRIVE IQ Fleet Package 1000 Events Upgrade
Events	1000 additional Events
<p>¹⁾Example: Upon onboarding of one SC400 device, 1 Agent, 2 Asset Instances, Time Series Data Ingest Rate of 0.01 KB/s, Time Series Data Storage of 0.5 GB, 10 Notifications per month and 1000 Events will be provisioned; upon onboarding of a second SC400 device, another 1 Agent, 2 Asset Instances, etc. will be provisioned; ²⁾Notifications in form of e-mails included in the Packages are limited. Should the actual usage of notifications exceed the applicable limits above, the User will not receive e-mails anymore; ³⁾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.</p>	

5. Specific Terms

Item	Description
Subscription Term, termination	<p>The Subscription Term for SIDRIVE IQ Fleet Package Basic, the different sizes of SIDRIVE IQ Fleet Package Asset and for any of the upgrades described herein is 12 months. You are responsible for offboarding your relevant assets and exporting historical data before the expiration date.</p> <p>Upon termination or expiration of the Subscription Term for the base subscription, any asset subscription and/or upgraded MindSphere Resources will also be deactivated and cannot be used any longer.</p> <p>In case when all the asset subscription and upgraded MindSphere Resources are deactivated, the base subscription shall also be terminated.</p>
Payment terms	All fees set out above are charged yearly in advance.
Data center location	Your content processed by the MindSphere Resources is stored at rest in PRC as set out in the MindSphere Supplemental Terms available on http://tb.cn/VMMMan5w .
Adaptation of fees	<p>During a running 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.</p>
Trial	<p>SIDRIVE IQ Fleet Package Basic and SIDRIVE IQ Fleet Package 1 Asset are bundled and available as a “Trial” version in the SIDRIVE IQ Fleet Package SC400 Trial (“Trial”). The 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</p>

	<p>Subscription Term for the Trial (“Free Trial Period”).</p> <p>Any other Services ordered during the Free Trial Period are non-cancelable, and you will not be entitled to a refund of fees paid for such other Services if you exercise this cancelation option.</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, your access to the Services shall be terminated unless you have ordered the respective corresponding paid Services. Any other Services ordered during the Free Trial Period are non-cancellable, and you will not be entitled to a refund of fees paid for such other Services even if your access to such other Services is terminated due to the expiration of the Free Trial Period.</p>
<p>Combination of MindSphere Resources under one Account</p>	<p>You can decide if a Base Tenant shall be created and provisioned to you as part of your SIDRIVE IQ Fleet Package Basic or if the SIDRIVE IQ Fleet Package Basic (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. The combination of MindSphere Resources under one Account may lead to technical limitations in their accessibility and should therefore not exceed the limits set out under https://sie.ag/MindSphere_TechnicalLimitationsforUsageofMindSphereServices.</p> <p>If you decide to add the SIDRIVE IQ Fleet Package Basic to your existing MindAccess IoT Value Plan Account, the Assets included in your MindAccess IoT Value Plan subscription may not be used to onboard SC400 devices in the SIDRIVE IQ Fleet application. Instead, you need to subscribe to SIDRIVE IQ Fleet</p>

	Package Asset in the size required.
Service Level Agreement	The monthly uptime percentage for this application is at least 95%. Monthly Uptime Percentage is defined in the MindSphere Supplemental Terms available on http://tb.cn/VMMan5w .
Data use rights	<p>“Collected Data” means the following data collected by this Application: temperature, vibration (3-axis) and magnetic field.</p> <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.</p> <p>During and after the Subscription Term, Alibaba Cloud, Siemens and their business partners may use Collected Data for their internal purposes (e.g. development or improvement of products or services). On an aggregated basis with other data and in a form that does not identify you or your users, Alibaba Cloud and Siemens shall own and be free to make Collected Data publicly available to you and others (e.g. for information and industry trends, benchmarking data).</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 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 SIDRIVE IQ Fleet are made available via the following web link:</p> <p>https://sie.ag/MindSphere-ThirdParty_SIDRIVEIQFleet.</p>
Changes to the Product Sheet & 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 imposed by our subcontractors (including changes in open source 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 of this document on</p> <p>http://tb.cn/VMMan5w.</p>
Support	Support may be contacted via phone +86 4008104288 or via

	<p>web with following link: https://siemens.com/supportrequest/.</p> <p>Hours of operation are Monday through Friday, 8:30am to 5:30pm CST (People's Republic of China, Chengdu), excluding national and local holidays.</p> <p>Support is available in Chinese and English.</p>
--	--

6. Export Control Regulations

Item	Description
Applicable for SIDRIVE IQ Fleet application and MindSphere Resources.	
AL	N
ECCN	N

7. Security Information

Item	Description
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.

8. Definitions

Item	Description
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.
PRC	PRC means the People's Republic of China (which for the purpose of this Product Sheet and Specific Terms does not include Hong Kong Special Administrative Region, Macao Special Administrative Region and Taiwan Area).
General	Unless otherwise indicated, 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.