

Analyze MyDrives

Product Sheet



Analyze MyDrives is a smart solution that monitors and analyzes drive systems, for decision making, productivity, and savings.

Prerequisites	
Subscription	A valid MindSphere Capability Package (Basic/Standard/Premium) subscription is required.
Connectivity	This application requires the onboarding of MindConnect devices (e.g. MindConnect IoT2040, MindConnect Nano) and the configuration of Assets and Aspects in the Asset Manager. Such MindConnect devices can be ordered via local Siemens Sales at separate terms and conditions.
Web browser	An HTML5 capable Internet browser is required (e.g. Mozilla Firefox or Google Chrome). The recommended screen resolution is 1024x768 or higher. Mobile devices are supported through the use of HTML5 capable Internet browsers. Screen size of the mobile device should be minimum 10".
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	
General	Analyze MyDrives has main features such as: <ul style="list-style-type: none"> Monitoring multiple drive systems from a single dashboard for immediate determination of drive system utilization. Visualization of drive system's current and historical data with Charts. E-mail notifications when User-defined rules are triggered.
Dashboard	Provides a collective view about multiple drive system components within the selected filters (defined by location, drive status, asset, label, etc.). Dashboard view consists of the following features: <ul style="list-style-type: none"> Grouping of multiple drive system components together. Displaying of power consumption on dashboard page. Actual status of the drive system component depending on the status word.

	<ul style="list-style-type: none"> Monitoring of variables of the drive system component that are linked to the Platform as a list view. Displaying SIPLUS CMS SM 1281 Condition Monitoring module data in a specific dashboard.
Utilization	With the utilization charts Users can easily see the utilization of the drivetrain either hour by hour or on daily basis. It allows simplified maintenance scheduling by giving further detailed transparency for the machine operator.
Charts	<p>Provides line, multi-line¹ or scatter plot charts of selected drive system component variables and:</p> <p>Allows Users to define minimum and maximum threshold values.</p> <p>Multi-line charts allow Users to make comparisons between two variables on the time-domain.</p> <p>Scatter plot charts allow Users to make bi-variate correlation analysis.</p> <p>Trendline feature can be applied as linear or polynomial to a chart to give a clearer picture of the trend.</p> <p>Allows Users to analyze drive system component variables in detail with advanced graphical functionalities.</p>
Notifications	Notifications of Analyze MyDrives provide information according to User-defined threshold values via email.

Size Overview

Analyze MyDrives	Application subscription	Extension subscription (optional) ¹
Fee	See Order ²	See Order ²
Assets	5	5
Aspects	50	50
Charts	250	250

¹⁾ Maximum number of extension subscriptions allowed for this application is 3; ²⁾ Subscription-based pricing is set forth in the Order.

Pricing Model

Application subscription	The application subscription allows access and use of the application with up to 5 Assets, 50 Aspects and 250 Charts.
Extension subscription	The extension subscription allows to use additional 5 Assets, 50 Aspects and 250 Charts.
Payment terms	The fee for application and extension subscriptions is fully charged in advance for the entire Subscription Term unless otherwise expressly provided in an Order.
Subscription Term	The standard Subscription Term for the application subscription 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 this application and its extensions will be co-termed with the Subscription Term of your existing MindSphere Capability Package, and therefore can be shorter than the standard Subscription Term. If an application subscription is terminated, the associated extensions will be terminated at the same time.

General

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 .
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Third-Party Terms	The Third-Party Terms for Analyze MyDrives are made available via the following web link: https://siemens.mindsphere.io/en/docs/Product-Descriptions-Overview/Third-Party-Terms .
Support	Support for this application may be contacted via Industry Online Support https://support.industry.siemens.com .

Export Control Regulations	
AL	N
ECCN	EAR99

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.

Definitions	
Aspect	An Aspect is the logical representation of a thing which for the purposes of this application is a drive system equipment (e.g. SINAMICS drives, third-party drives), SIPLUS CMS SM 1281 Condition Monitoring module or a drive component (e.g. motor, gearbox).
Asset	An Asset is the logical representation of a thing which for the purpose of this application is a MindConnect device (e.g. MindConnect IoT2040, MindConnect Nano).
Charts	A chart is a graphical representation of a variable in an Aspect.
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 .