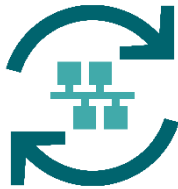# Industrial Network Analytics

Product Sheet and Specific Terms

The Mindsphere Application Industrial Network Analytics ("INA") provides a continuous monitoring of the plant network, visualization of the network Key Performance Indicators ("KPIs") and allows alarm handling and event logging for PROFINET devices connected in your plant network.

Prerequisites	
Subscriptions	A valid Mind Access IoT Value Plan (Small/Medium/Large) subscription is required. If you want to create and configure rules that monitor parameters of an Asset and send emails and other types of messages in a number that exceeds the number already included in your MindAccess IoT Value Plan subscription, a subscription to additional Rules in Fleet Manager is required. Sending emails or other types of messages leverages MindSphere's Notification Service. The terms and conditions set out in the MindSphere Supplemental Terms for Notification Services available on www.mindsphere.io/terms also apply to your use of Fleet Manager and Fleet Manager Rules.
Hardware	For each network the following hardware is required: • SIMATIC IPC127E (6AG4021-0AB12-1BA0) • BANY Agent XM-400 (9AE4140-2AA00)
Software	The following software is required on an IPC: • Microsoft Windows 10 Enterprise LTSB 2016, 64 Bit, MUI • BANY Manager V1.05.09 • BANY Scope V2.0.26 or higher
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. Mobile devices are supported through the use of HTML5 capable Internet browsers.

Description

Statuses	Provides information about the current status of the plant network like number of connected devices, number of recent events and network load.
Alarming	In the alarming module one can define rules to notify via email if plant network KPIs are exceeding set thresholds.
Visualization	The visualization module offers an overview of the connected plant network KPIs such as received packages, network load, broadcast and multicasts, missing telegram, jitter and packets with errors in a continuous trend.
Devices	The device list shows all the devices connected to the plant network with address and status information.
Event logs	The event log shows all events with time stamp, source and destination address, of the connected PROFINET devices.

Pricing Model

Fee for	Base subscription	Operation and Update
Price	0€ [1]	480 € per Asset/year [1]
Billing cycle	n/a	Yearly in advance

[1] If a price is displayed in a different currency on the product detail page of Industrial Network Analytics on www.mindsphere.io/store in your country of residence at the date of enablement of the Asset or in the Order Form, such price will be charged.

Base subscription fee	The base subscription allows access to the application.
Usage-based fee for Operation and Update	Starting with the month the Asset is enabled to the application, the usage-based Operation and Update fee is charged yearly in advance for each enabled Asset for maintenance of the application and for keeping the application up to date.
Payment terms	The usage-based Operation and Update fee is charged yearly in advance for each enabled Asset (first time in the month after the Asset has been enabled) for 1 year.
Subscription Term for the base subscription, termination	The Subscription Term for the base subscription ends with termination by you or us. You may terminate your subscription to this application at any time. PLEASE NOTE: Upon your termination of the base subscription your Assets will be disabled with immediate effect and you cannot use this application any longer. You are not entitled to enable Assets after this termination. All fees paid by you to us are non-refundable. We may discontinue the operation of the application by giving you at least 1 year notice prior to the planned discontinuation date. You are not entitled to enable Assets after this notification. On the date of discontinuation, the Service is terminated and the regulations in the MindSphere Master Agreement regarding the effect of termination and post termination phase apply.
Subscription Term for Operation and Update, termination	The Subscription Term for Operation and Update is 1 year for each enabled Asset. Following expiration of the preceding Subscription Term, the subscription automatically renews with a Subscription Term of 1 year unless you disable the respective Asset from your MindAccess Account. You may disable an Asset from the application at any time. In this case, the Subscription Term for Operation and Update will not automatically be extended after it expired and is deemed to be terminated. Once a disabled Asset is enabled again after the end of a valid Subscription Term for Operation and Update, a new Subscription Term for Operation and Update starts, and the Operation and Update fee will be applied again as stated above.

Adaptation of fees	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. Any Fee Change will only apply from the beginning of a renewed subscription or for "Evergreen" subscriptions one year after notification of the Fee Change.

Specific Terms

Service Level Agreement	The Monthly Uptime Percentage for this application is 98 %. Monthly Uptime Percentage is defined in the MindSphere Supplemental Terms available on www.mindsphere.io/terms.
Responsibility for plant network	You are and will always remain responsible for your plant and the condition and operation of your plant network.
Third Party Terms	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 for the application INA are made available via the following web link: https://sie.ag/MindSphere-ThirdParty_INA.
Changes to the Product Sheet & 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 the release of a new version of this document on www.mindsphere.io/terms.
Support	Online Support https://support.automation.siemens.com Technical Support Basic The contact to the experts of the Technical Support in Germany is possible via the following telephone number: +49 (911) 895-7222 For the scope of the support services, the current regulations and apply: https://support.industry.siemens.com/cs/sc?lc=de-WW.

Export Control Regulations

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.

	For more information about industrial security, please visit http://www.siemens.com/industrialsecurity.

Definitions

Asset	An Asset is the logical representation of a thing which for the purposes of this application is a BANY Agent.
General	All other capitalized terms in this document shall have the meaning given to them in the MindSphere Agreement.

www.mindsphere.io/terms