

Industrial Edge for Machine Tools Package Product Sheet



The MindSphere applications Manage MySINUMERIK Edge App Management and Manage MySINUMERIK Edge App Publishing enable you to setup and configure Industrial Edge for Machine Tools devices during the machine tools commissioning process and to upload your Industrial Edge for Machine Tools application including necessary documents to your Account. The Industrial Edge for Machine Tools Package contains the MindSphere applications Manage MySINUMERIK Edge App Management and Manage MySINUMERIK Edge App Publishing and selected MindSphere Resources which are required to access the Platform and to utilize the applications.

Prerequisites	
Hardware	An Industrial Edge for Machine Tools device is needed which can be ordered via your local Siemens sales at separate terms and conditions.
Software	The Industrial Edge for Machine Tools firmware version 2.0 or newer is required on the Industrial Edge for Machine Tools devices.
Subscription	To list and download log files of your Industrial Edge for Machine Tools device, a valid MindSphere Capability Package (Basic/Standard/Premium) subscription is needed.
Web browser	An HTML5 capable Internet browser is required (e.g. Google Chrome, Mozilla Firefox). The recommended screen resolution is 1024x768 or higher. Mobile devices are supported through the use of HTML5 capable Internet 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 Manage MySINUMERIK Edge App Management Application	
Pro License Tenant Summary	Lists all available and assigned (used) Machine Tool Framework (pro) and Machine Tool Framework (pro) +25 related to each Asset within your Account.
Asset List	Lists all Assets (Industrial Edge for Machine Tools devices) that are onboarded to your Account. An Asset can be selected to get an overview of edge applications and firmware installed.
App Management	Lists all Industrial Edge for Machine Tools applications and releases of the selected Asset, which can be configured, activated/deactivated, updated as well as removed. You can control the upload of any Industrial Edge for Machine Tools application specific data to your Account. In addition, you can assign Machine

	Tool Framework (pro) and Machine Tool Framework (pro) +25 or manage the installed Industrial Edge for Machine Tools applications for the selected Asset.
Jobs	The Jobs tab shows historical information of each installation, removal or configuration job that had been performed.
Asset Manager: Industrial Edge plugin	The Industrial Edge plugin as extension of the Asset Manager comes along with Manage MySINUMERIK Edge App Management. The Overview tab allows you to onboard your Industrial Edge for Machine Tools device to your Account. With the Hardware tab, you can configure the network settings of your Industrial Edge for Machine Tools device. The Firmware tab lists all available Industrial Edge for Machine Tools firmware releases that can be installed on to your Industrial Edge for Machine Tools device on your demand.

Description of Manage MySINUMERIK Edge App Publishing Application

General	<p>The user interface of Manage MySINUMERIK Edge App Publishing displays the Industrial Edge for Machine Tools applications of your Account. You are allowed to upload your own Industrial Edge for Machine Tools application with a guided workflow only to your Account and Assets onboarded there including terms & conditions and further documents all compliant with the MindSphere Acceptable Use Policy.</p> <p>To develop your own Industrial Edge for Machine Tools application, you can download the corresponding software development kit (AppSDK).</p>
---------	--

Description of MindSphere Resources

The following MindSphere resources (“MindSphere Resources”) are included in the Industrial Edge for Machine Tools Package or its extensions. These have been selected to ensure proper operation of Manage MySINUMERIK Edge App Management and Manage MySINUMERIK Edge App Publishing applications.

Base Environment	<p>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.</p> <p>The Base Environment 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: 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). <p>The Base Environment provides you with the following connectivity “Connect your Things” capabilities as well:</p> <ul style="list-style-type: none"> • 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 Industrial Edge for Machine Tools Package and its extensions:</p> <ul style="list-style-type: none"> • Asset Attributes • File Storage <p>For general descriptions of the MindSphere Resources listed above, please refer to the MindSphere Glossary.</p>

Pricing Model	
Application subscription	Industrial Edge for Machine Tools Package
Fee	See Order ¹
Billing cycle	Full amount in advance
The application subscription allows access to the Manage MySINUMERIK Edge App Management and Manage MySINUMERIK Edge App Publishing applications for 1 Asset, including the Base Environment and MindSphere Resources suitable to connect and manage 1 Asset.	
Manage MySINUMERIK Edge App Management application	✓
Manage MySINUMERIK Edge App Publishing application	✓
Base Environment ²	✓
Asset Attributes	6
File Storage	10 GB
Extension (for application and MindSphere Resources)	Industrial Edge for Machine Tools Package Extension
	Subscription
Fee	See Order ¹
Billing cycle	Full amount in advance
This extension provides you with 1 additional Asset and contains the following additional MindSphere Resources suitable to connect and manage 1 additional Asset.	
Asset Attributes	6 additional Asset Attributes
File Storage	10 GB additional File Storage
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 Industrial Edge for Machine Tools Package application subscription or if the Industrial Edge for Machine Tools Package (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 .	

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	Fees for Industrial Edge for Machine Tools Package subscription and for any of the extensions described herein are fully charged in advance for the entire Subscription Term unless otherwise expressly provided in an Order.
Service Level Agreement	The Monthly Availability for the Manage MySINUMERIK Edge App Management and Manage MySINUMERIK Edge App Publishing applications is 99%. Monthly Availability is defined in the Cloud Service Support and Service Level Framework available at https://www.siemens.com/sw-terms/sla .
Third-Party Terms	The Third Party Terms 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 . Support is available in English and German.

Export Control Regulations	
Applicable for Manage MySINUMERIK Edge App Management and Manage MySINUMERIK Edge App Publishing applications.	
AL	N
ECCN	EAR99
Applicable for 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/to Asset to/from your Account.
Encryption standard	TLS 1.2 for communication between Asset and Account is used.

Definitions	
Asset	An Asset is the logical representation of a thing which can be a machine tool or an automation system with a single unit e.g. PLC or CNC - Controller. Assets are defined using an Asset type.
Machine Tool Framework	Machine Tool Framework is the Industrial Edge for Machine Tools operating system with its entry level features and standard data processing capabilities, but state-of-the-art cybersecurity implementations and robustness, delivered by default with the Industrial Edge for Machine Tools device. To enable high end features and high frequency data processing as part of the

	Machine Tool Framework, you'll have to purchase the Machine Tool Framework (pro) and, if needed, additional Machine Tool Framework (pro) +25.
Machine Tool Framework (pro)	Machine Tool Framework (pro) enables high-end features and allows you to add 25 high frequency data points from the SINUMERIK controller that is connected to your Industrial Edge for Machine Tools device.
Machine Tool Framework (pro) +25	Machine Tool Framework (pro) +25 allows you to add additional 25 high frequency data points from the SINUMERIK controller that is connected to your Industrial Edge for Machine Tools device.
General	Unless otherwise indicated, capitalized terms used in this document shall have the meaning given to them in this document or elsewhere in the Agreement. You may also want to check our Glossary .