SIEMENS

Production Tools and Equipment Manager
Product Sheet

The MindSphere application Production Tools and Equipment Manager supports production planners, Tool responsible and Tool users keep track of their production Tools.

Prerequisites	
Subscription	A valid MindSphere Capability Package (Basic/Standard/Premium) subscription is required.
Web browser	An HTML5 capable Internet browser with a screen resolution of 1920x1080 or higher is required (e.g., Google Chrome or Microsoft Edge). Google Chrome is recommended. Mobile devices are supported by using HTML5 capable Internet browsers.
Additional services	This application can be used without the purchase of any additional services. If necessary, we offer additional services on request to speed-up with initial set-up, data migration and connection of external systems: • Assisted initial setup: Get help to initially set-up the system as required. Perform trainings for different key-user groups, recommendations for user and supplier administration. • Data-Migration: Migrate existing Tools and supplier data from previous systems. • Integration and connectivity support: Customer specific integration with other systems. Please contact your local Siemens Representative for further information.

Description	
General	Production Tools and Equipment Manager application digitizes production Tools and equipment's life cycle information and provides real-time transparency and centralized view of status and location of production tooling. This ensures a higher transparency of Tool and equipment's life cycle data, increases availability, and prevents unplanned production downtimes. Enterprise Resource Planning (ERP) and Product Lifecycle Management (PLM) systems can be connected to include all relevant data. This Offering consists of three applications that address the needs of the different user group's workflow that handle production Tools and equipment:

	- Tool responsible and tool users can keep track of their production Tools to ensure availability and expected production quality - Production planners are supported in production planning and can add production relevant life cycle information of Tools located at internal and external partners - Technical responsible for this application can import data, administer Tools, Users, suppliers, Plants, and groups. In MindSphere's Settings tool, these applications are linked to the User's Launchpad.
Toolbook application	The Toolbook application supports the tool users in their daily work with the production Tools and equipment. A production tool can be selected by searching for tool ID, to be produced part number, supplier, from the favorites section or using a QR code scanner. An overview page shows the current status of the Tool, produced parts, location, Tool master data and contacts. Details about mounting / unmounting (clamping / unclamping) as well as relevant handling information can be included. Production quantities, quality information, maintenance / repair requests can be added, and relevant Tool information be accessed and enhanced.
Manager application	The Manager application addresses production planners, purchasers, and tool responsible. A production Tool can be selected by searching for Tool ID, to be produced part number, supplier or from the favorites section. Also decommissioned Tools can be selected. An overview pane shows the current status of the Tool, produced and guaranteed parts, for which products they are used and if they are also used by another entity. A graphically correlated planning with regards to remaining capacity is available. A Tool history shows all relevant changes or milestones in the Tool's lifecycle. Tool expenses over the lifetime of the Tool are summarized in a costs page.
Admin application	The Admin application supports the setup and data maintenance of this Offering. Here you can manually (xlsx-based) import Tools, supplier data, demands, Bill of Materials (BOMs), Tool costs and incoming goods. Additional languages or location specific terminology can be added. Application Users can be administered, and different levels of authorization granted.
Plants	The application supports additional Plants. This allows Plant overarching sharing of Tools and planning.
Language	The language of user interface (UI) for Toolbook and Manager applications is by default English or German. Selection of UI language is User specific. The language of UI for Admin application is English. Additional UI languages can be added, own terminology/terms can be used by modifying the default terms.
Import functionality	Manual (xlsx-based) import of Tools, supplier data, demands, BOMs, tool costs and incoming goods is supported. For a quick initial setup of the application, Excel templates show the structure of the data. Connecting to ERP and PLM systems is possible using the REST API.

Pricing Model

Fee for	Application subscription
Fee	10 000 € /year [1,2]
Billing cycle	Full amount in advance

Application subscription	The application subscription allows access and use of the application with up to 500 Tools, 50 application Users and 1 Plant. Extensions for additional Tools, application Users and Plants are available on request.
Subscription Term	The Subscription Term for the application is either 12 or 36 months. The Subscription Term shall automatically renew if set forth in the Order.
Co-term (renewal and termination)	The initial Subscription Term for this application will be co-termed with the Subscription Term for your existing MindSphere Capability Package.

1) For final pricing confirmation, please refer to the Order; 2) If a price is displayed in a different currency (i) on the product detail page for Production Tools and Equipment Manager on http://www.mindsphere.io/store in your country of residence at the date of buying the application subscription or (ii) in the Order, such displayed price will be charged.

General

Service Level Agreement	The monthly Availability for this application is 95 %. Monthly Availability is defined in the Cloud Support and Service Level Framework available at https://www.siemens.com/sw-terms/sla.
Third-Party Terms	The Third-Party Terms for Production Tools and Equipment Manager 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 Industry Online Support: https://support.industry.siemens.com/. Support is available in English and German.

Export Control Regulations

AL	N
ECCN	EAR99

Security Information

General	In order to protect plants/sites, systems, machines and networks against cyber threats, it is necessary that you implement and continuously maintains 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

Application User	Application User of this Offering can be enabled to different applications within this Offering. Prerequisite for the use of Offering is a current MindSphere Account. Additionally, the administrator in the Admin application needs to grant access rights to the Offering.
Plant	A Plant represents a real plant entity in the Offering.
REST API	Application Programming Interface that uses HTTP requests to access and use data.
Tool / Tools	The term "Tool" is used as a short form for production Tool or equipment. Tools (eg. molds for plastic parts, metal stamping or others) are used to manufacture parts and usually have a lifecycle as they undergo "wearing".

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.

https://siemens.mindsphere.io/en/docs/Product-Descriptions-Overview