C-THRU4.0

DATABASE MANAGEMENT SYSTEM FOR ARTIS TOOL, PROCESS AND MACHINE CONDITION MONITORING

A permanent exchange of information takes place in the factory of the future

DISPLAY | **COMPARE** | **DETECT**
REPORT | **EXPORT** | **STATUS**
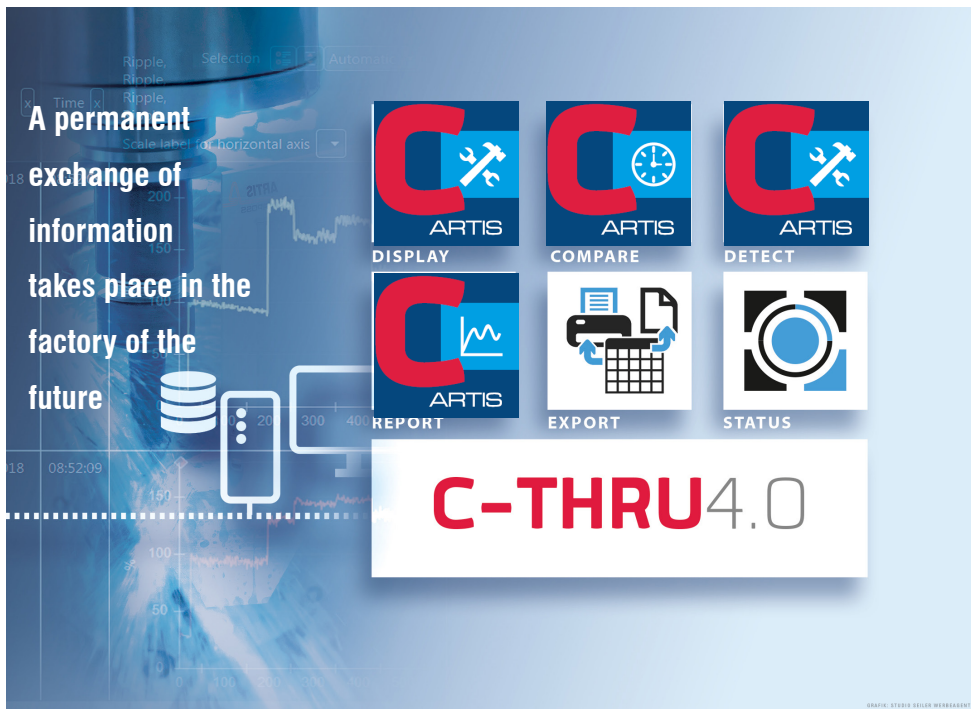
C-THRU4.0

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⇒ *Production planning*

⇒ *Tool management*

⇒ *Maintenance*

⇒ *Controlling*

⇒ *Industry 4.0*

Benefits

- Less scrap and less machine downtime

  Right and fast decisions based on relevant data and facts

- Predictive maintenance

  Status information about machines, processes and tools

- Optimization

  Analysis to detect current weak points and avoid similar problems in the future

- Simple, intuitive operation

  Interactive and clearly structured to get individual information

- Web based

  Remote access, scalable and easy to update

ALL INFORMATION GIVEN HEREIN REFERS TO C-THRU4.0 VERSION 70.3.3	
LICENSE CODES	
C-THRU4.0 Base Software	OCMZ7100103
ANNUAL LICENSE	OCMZ7100101 C-THRU4.0 - C-ANALYSE
ONE-OFF LICENSE	OCMZ7100102 C-THRU4.0 - C-ANALYSE
ONE-OFF LICENSE	OCMZ7100104 C-THRU4.0 - C-PROBE
ANNUAL LICENSE	OCMZ7100111 C-TOOLING
ONE-OFF LICENSE	OCMZ7100112 C-TOOLING
ANNUAL LICENSE	OCMZ7100114 C-OEE
ONE-OFF LICENSE	OCMZ7100115 C-OEE
ONE-OFF LICENSE	OCMZ7100116 C-ENERGY

LICENSE	The standard configuration of C-THRU4.0 includes the base software. The software options C-ANALYSE, C-TOOLING, C-PROBE, C-OEE or C-ENERGY are supplements and require one of the following licenses: a) one annual license per module b) one one-off license per module

TECHNICAL HARDWARE REQUIREMENTS **Note!** Possible impairment in case of high CPU load! High CPU load or network overload might influence the function of the software. For optimal functional reliability, close all unused applications and – if applicable – use a separate network in case of overload of the existing network.	**Server performance** Processor • Intel® Core™ i7-7700K (4x4.2 GHz) • RAM min. 16 GB, recommended ≥ 16 GB • 64 bit system • Hard disk 3 TB plus (depending on data volume and data backup concept) • SSD recommended, HDD for backup **Office PC performance** (recommendation) Processor • Intel® Core™ i7-7700K (4x4.2 GHz) • RAM 16 GB (the more the better) • 64 bit • Graphic Chip 1x NVIDIA GeForce GTX1080 • Hard disk1 TB

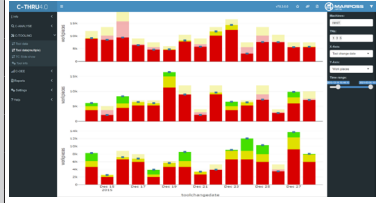| SET-UP OPTIONS	**Set-up** C-THRU4.0 can be set up in a centralized manner on a local device e.g.the GEMBOXHP (option) or a notebook. The decentralized setup option involves installing the software on a server.

OPTION C-ANALYSE

• Information system for production management
• Evaluations and trend displays via standardized WEB browsers
• Various chart styles
• Less scrap and downtimes
• Display of status information
• Data evaluation as a basis for limiting consequential damage
• Intuitive operation
• Central updates, scalable

OPTION C-TOOLING

• Target/actual values per tool can be visualized
• Cross-machine comparisons
• Observation of selected tools over longer periods of time

OPTION C-OEE

• Integrated in C-THRU4.0
• Shows overall plant effectiveness
• Bar chart
• Filter menu

Marposs has an integrated system for Company quality, environmental and safety management, with ISO 9001, ISO 14001 and OHSAS 18001 certification.

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