

Factory Equipment Center

Connected asset and maintenance management system for SMT production



How many feeders are currently active? Which nozzles are worn out? Which placement head requires maintenance? Factory Equipment Center can answer all these questions. The software automatically connects with all SMT lines, scans all machines, placement heads, feeders and nozzles, and generates a comprehensive overview and reports of the entire production with almost no human input.

Access to real-time data provides valuable information about utilization and efficiency. With Factory Equipment Center, the service team is kept up-to-date on the status of the factory's assets, can predictively coordinate its maintenance and repair activities with the ongoing production operations, and receives support via browser-based multimedia instructions and checklists. Factory Equipment Center enables users to maximize their overall equipment effectiveness (OEE).

Efficient maintenance with state-of-the-art software



Comprehensive tracking

Every machine, placement head, feeder and nozzle is automatically scanned via its own ID and evaluated in real time.



Dynamic job monitoring

Once all the items on the maintenance checklist have been completed, the job is automatically closed and the next maintenance data adjusted accordingly.



Service on demand

Maintenance is no longer carried out based on rigid schedules but in accordance with each asset's utilization and wear, as well as in coordination with the factory's needs.



Automatic reporting

Detailed reports on the condition of the assets, their utilization and the maintenance work carried out on them ensure complete documentation.



Central maintenance calendar

A comprehensive schedule improves coordination, avoids scheduling conflicts, and keeps all parties informed of upcoming maintenance operations.



Locking of assets

Assets that have been identified as faulty or are scheduled for maintenance can be automatically locked and will no longer be accepted by any machine.



Multimedia support

Optimized processes as well as multimedia step-by-step instructions, tutorials and checklists support service technicians via browser.



Remote access

Direct access to devices from a central system via ASMPT's Remote Smart Factory software.



Comprehensive feeder management

Factory Equipment Center ensures that the maintenance status of every feeder used on the shop floor is continuously monitored and documented regardless of the feeder's location. Automatic notifications inform defined users of upcoming maintenance activities in a timely manner.



All nozzles under control

Factory Equipment Center automatically detects nozzles with RFID tags on the placement head of the machine and creates a cleaning schedule for them based on actual use. It documents the number components placed by each nozzle in addition to its asset, fault and maintenance data.

Licensing models	ESSENTIAL	PLUS	ULTIMATE
Equipment			
Assets from any vendor	10	50	Unlimited
Time-based maintenance	✓	✓	✓
Data monitoring for equipment from ASMPT	✓	✓	✓
Users			
Unlimited users	✓	✓	✓
Reporting			
Equipment and feeder reports	✓	✓	✓
Feeder management			
Time- and usage-based maintenance for an unlimited number of feeders from ASMPT	✓	✓	✓
Nozzle management			
Time and usage-based management for an unlimited number of Smart Nozzles from ASMPT	Optional	Optional	✓

Your benefits at a glance

- Comprehensive tracking in real time
- Maintenance on demand
- Automated central planning
- Dynamic order monitoring
- Automatic report generation simplifies audits
- Highly efficient feeder and nozzle management
- Runs on PCs and mobile devices
- Flexibly scalable licensing model
- Maximum overall equipment effectiveness (OEE)

More about
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ASMPT

ASMPT GmbH & Co. KG
Rupert-Mayer-Strasse 48 | 81379 Munich | Germany | Phone: +49 89 20800-22000 | Email: smt-solutions.de@asmpt.com

asmpt.com | smt.asmpt.com

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