Factory Equipment Center

Smart asset and maintenance management for your entire factory

Maximizing your equipment utilization is an indispensable requirement if you want to be successful in electronics manufacturing. Only machines that are properly supported and maintained operate with maximum reliability, speed and quality. Maintaining and servicing the equipment becomes a significant challenge in factories with multiple SMT lines. Each machine has its own maintenance cycles, delivery dates must not be jeopardized, and every maintenance operation must be documented in detail. One of the biggest obstacles to mastering this task is the fact that every manufacturer has his own rules and solutions.

To make keeping track of all these requirements easier, ASMPT offers Factory Equipment Center, a forward-looking software solution for centralized, non-proprietary and factory-wide asset and maintenance management, based on a tiered licensing model that can be scaled as needed.

Features at a glance

Tracking
Real-time status tracking; up-to-date calibration and verification data and location information; starting point to perform maintenance

Scheduling
Central maintenance calendar for all equipment with status indicators, checklists, and task assignments via e-mail

Guidance
Providing maintenance instructions, checklists, and multimedia-based aids for service technicians on a central portal

Visualization
Central access to verification and calibration status of machines, heads, feeders, and nozzles

Monitoring
Sensor data in real time; historical data charts; threshold violation notifications

Reporting
Automated central reporting with user-friendly dashboards; a finished checklist automatically marks the maintenance as completed

Remote access
Direct access to equipment using ASMPT's Intelligent Factory from central system

Control
Lock feeders and nozzles on maintenance due, scheduled for repair or not being released for a machine automatically; technicians get notified

Complete feeder management

Factory Equipment Center ensures that the maintenance status of every feeder used on the store floor is continuously monitored and documented – regardless of where it is located. Automatic notifications inform defined users in good time about upcoming maintenance measures.

All nozzles under control

Factory Equipment Center automatically detects SIPLACE nozzles with RFID tag on the placement head of the machine and creates a maintenance plan for them based on actual use. In addition to the nozzle's data, error and maintenance information, information on the number of components placed is documented.

Licence model	ESSENTIAL	PLUS	ULTIMATE
Feeder			
Unlimited ASMPT Feeders	✔	✔	✔
Time and usage-based maintenance	✔	✔	✔
Equipment			
Asset package multivendor	10	50	Unlimited
Time-based maintenance	✔	✔	✔
Data monitoring for ASMPT equipment	✔	✔	✔
User			
Unlimited users	✔	✔	✔
Reporting			
Feeder and Equipment reports	✔	✔	✔
Nozzle Management			
Time and usage-based maintenance for an unlimited number of Smart Nozzles	Optional	Optional	✔

Your advantages at a glance

• Maximum Overall Equipment Effectiveness (OEE)
• Automated maintenance planning
• Vendor-independent
• Highly efficient feeder management

• Logging of all service and maintenance activities
• Automatic report generation streamlines audits
• Web-based user interface with support for smart devices
• Simple user guidance
• Flexibly scalable licensing model

More about
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ASMPT