WORKS Integration

Universal data interface for the intelligent factory

As the basis for the comprehensive exchange of data on the factory level, the WORKS Integration application from the WORKS Software Suite offers standardized as well as customer-specific interfaces for hardware and software in modern electronics manufacturing environments.

WORKS Integration enables the exchange of data between all versions of WORKS applications and factory solutions from ASMPT, such as Factory Material Manager or SMT Analytics. The transparent data hub also integrates third-party systems into the ASMPT world, forming a solid foundation for building an integrated all-encompassing system based on the intelligent factory principle.

Standardized, flexible, resilient

Central data management
All hardware and software entities in the factory communicate exclusively via WORKS Integration. This bridges system and version boundaries and keeps the system flexible and scalable.

Standardized interfaces
WORKS Integration provides industry-standard interfaces that allow new systems to be integrated quickly and easily.

Customer-specific solutions
Even non-standard systems can be linked to the central data platform via proprietarily adapted interfaces without compromising the integrity of the overall system.

Trouble-free updates
Since the applications operate independently, individual modules can be easily replaced or updated.

Easy online support
With WORKS Integration, ASMPT service technicians have access to all messages from the connected systems, enabling them to quickly troubleshoot problems.
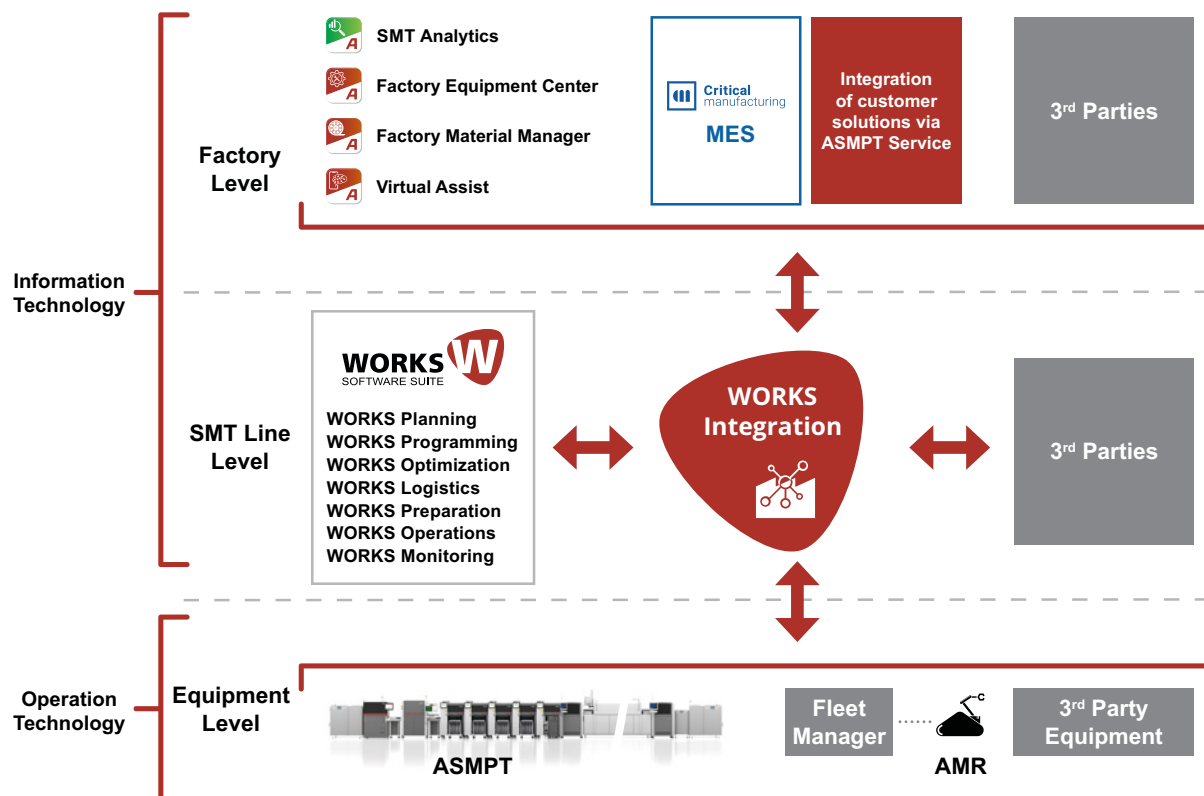
Central macro programming
The central data platform provides the basis for macro programming across multiple machines.

Secure data traffic
The clearly defined structure of the central data platform makes it possible to establish a seamless protection concept against external attacks.

WORKS Integration: The central database for all hardware and software components in electronics production

Information Technology

Factory Level
- SMT Analytics
- Factory Equipment Center
- Factory Material Manager
- Virtual Assist

Critical manufacturing **MES**

Integration of customer solutions via ASMPT Service

3rd Parties

SMT Line Level

WORKS SOFTWARE SUITE
- WORKS Planning
- WORKS Programming
- WORKS Optimization
- WORKS Logistics
- WORKS Preparation
- WORKS Operations
- WORKS Monitoring

WORKS Integration

3rd Parties

Operation Technology

Equipment Level

ASMPT

Fleet Manager .... **AMR**

3rd Party Equipment

WORKS Integration: Seamless integration of all hardware and software solutions with easy inclusion of third-party systems.

Your benefits at a glance

- Central database for hardware and software
- Industry-standard interfaces (IPC-2591 CFX)
- Easy integration of third-party systems
- Integrative online support
- Central security concept for all data streams
- Clear demarcation of equipment and IT levels
- Comprehensive macro programming
- Easily modified structure
- Easy scaling

More about
WORKS Integration

ASMPT