ASM Factory Integration Package

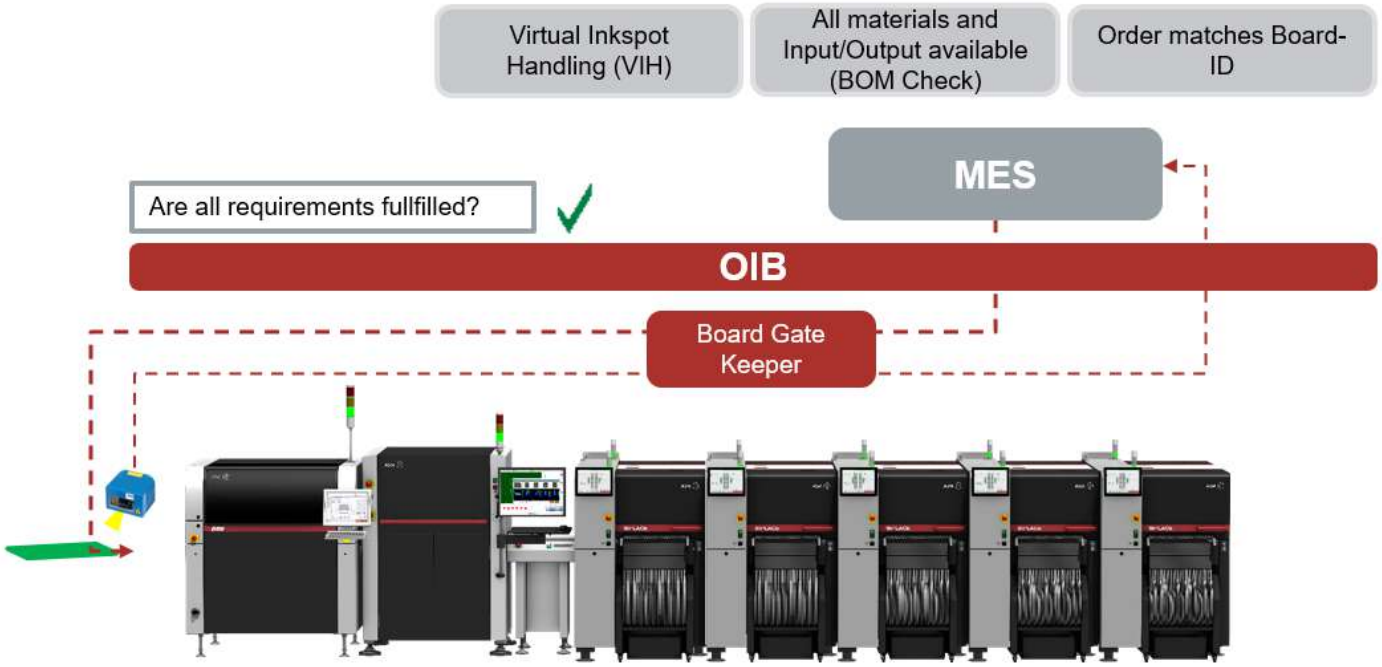
Software solutions for integrated manufacturing, more transparent data connection for all systems with ASM line solutions and more functionalities to monitor and control processes during production.



The ASM Factory Integration Package includes:

- Transfer of production data in real time to external systems such as MES systems
- Guarantee of continuous process control
- **MES Interlocking:** Checking and requesting production approval by a higher system
- **Maintenance Data Interface**: Providing machine, sensor, production status, maintenance, verification, and calibration data that other systems can use, to not only prepare preventive, but also predictive maintenance
- **Process Data Interface:** Transmission of more than 40 process attributes to the assembled PCBs, assembly operations and related processes

MES Board Interlocking



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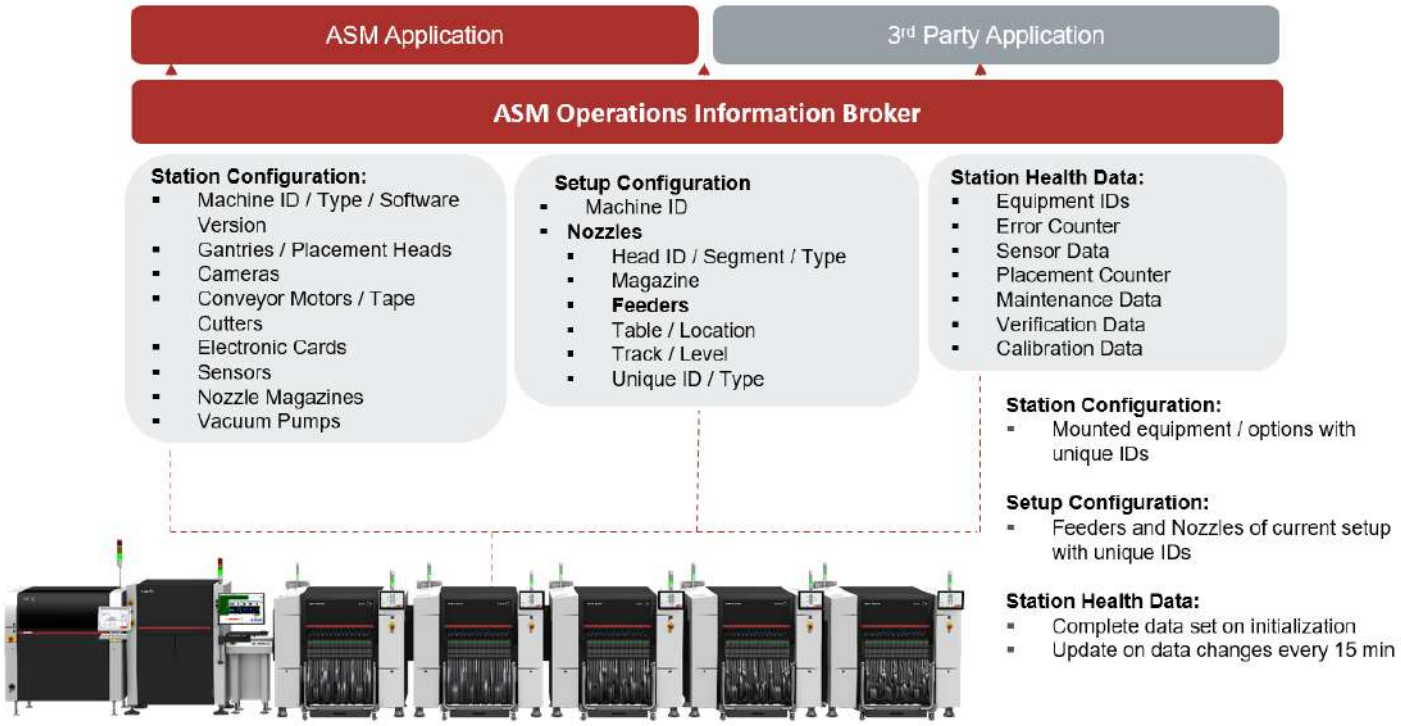
Maintenance Data Interface (MDI)

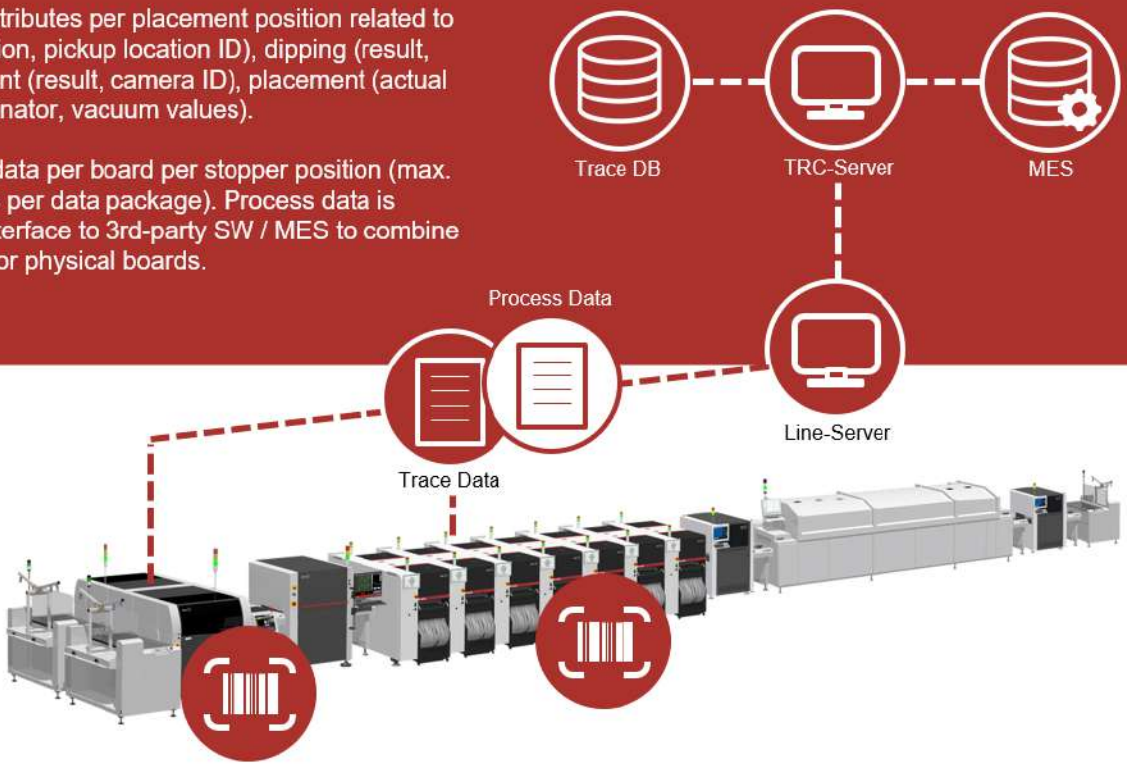


Process Data Interface

Characteristics

More than 40 process attributes per placement position related to pickup (actual pick position, pickup location ID), dipping (result, timestamp), measurement (result, camera ID), placement (actual place position, ref. designator, vacuum values).

Data packages include data per board per stopper position (max. 200 placement positions per data package). Process data is provided via new OIB interface to 3rd-party SW / MES to combine complete process data for physical boards.



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