

Traceability:

Traceability without changing your existing system. Our solution integrates seamlessly into existing SMEMA and data interfaces. Enables data collection for manual workstations without the need for a PC.

Integration into the existing MES / ERP landscape:

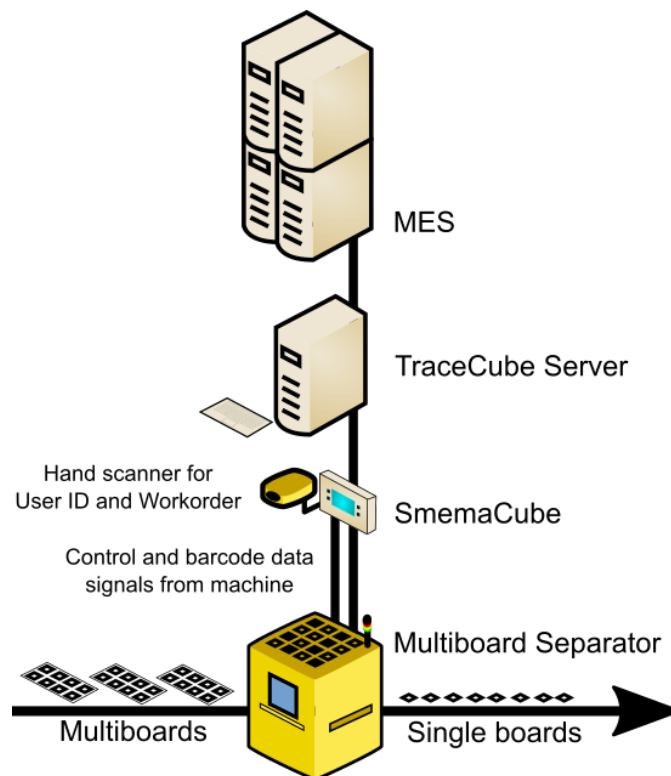
- Track Products
- Track machine performance
- Enforce process sequences
- Enforce process step times
- Enforce operator rights
- Provide work instructions

Technical specifications at a glance:

- 3.2" Color-Touchscreen
- 4 programmable buttons
- No running IT costs
- High IT security
- 24V Digital I/O
- 100Mb Ethernet
- 2xUSB, 2xRS232 und PS/2
- Time tracking via real-time clock
- Compact (170x138x37mm)
- Maintenance-free
- SMEMA Interface
- UpperLink capable (e.g. Omron)
- Low energy consumption

BitTrace14 SmemaCube2, example application:

Multiboard separation under control of an MES system.



Problem to be solved:

Multiboards should not be separated before all prior operations (e.g. rework) are completed. The MES System knows if this is true or not, however the machine is not capable of detecting this, or communicating with the MES system (a simple multiboard separator may not have any data processing capability at all).

Solution:

Add a SmemaCube2 to the system: it can supervise operations:

- Was the correct work order entered (and optionally the operator ID)?
- Does the barcode of each board match the work order?
- Has the MES confirmed that each boards has successfully completed all previous operations?

The new board status (separated) is registered individually with the MES.

Advantage:

Error-free foolproof operation: even with unskilled operators. All work operations are protocolled for you and your clients.

