MODI
VISION FOR IDENTIFICATION

TRACEABILITY
INLINE

Waiting for Board   FA:0 FC:0
                             TA:0 TC:0

OK

MODI

MODI IBOX

VISION FOR IDENTIFICATION

Display: Waiting for Board   FA:0 FC:0 / TA:0 TC:0
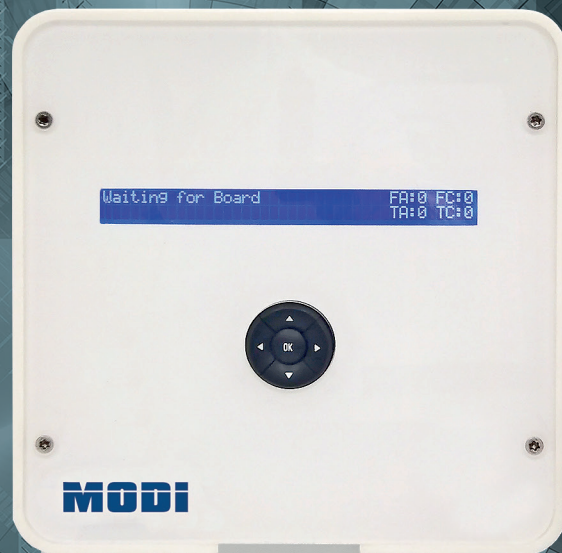
PERFECT INTERACTION WITH EXISTING PROCESSES!

The MODI IBox is the link between a simple code scanner and the traceability system.

Turn any conveyor belt into an intelligent process system.

With integrated SMEMA/HERMES interfaces, the IBox is installed between two machines.

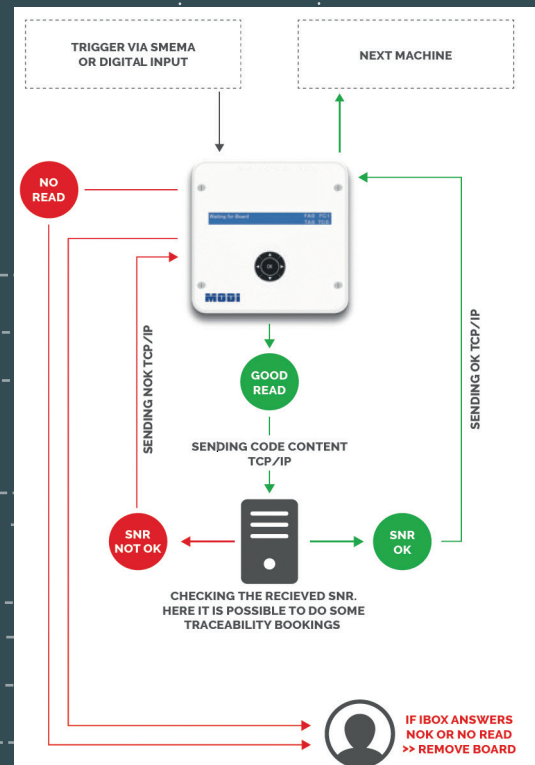No modification to the existing machine control system is required.

In addition, the IBox can be used to make existing or older systems Hermes & CFX compatible, allowing old equipment to continue to be used.
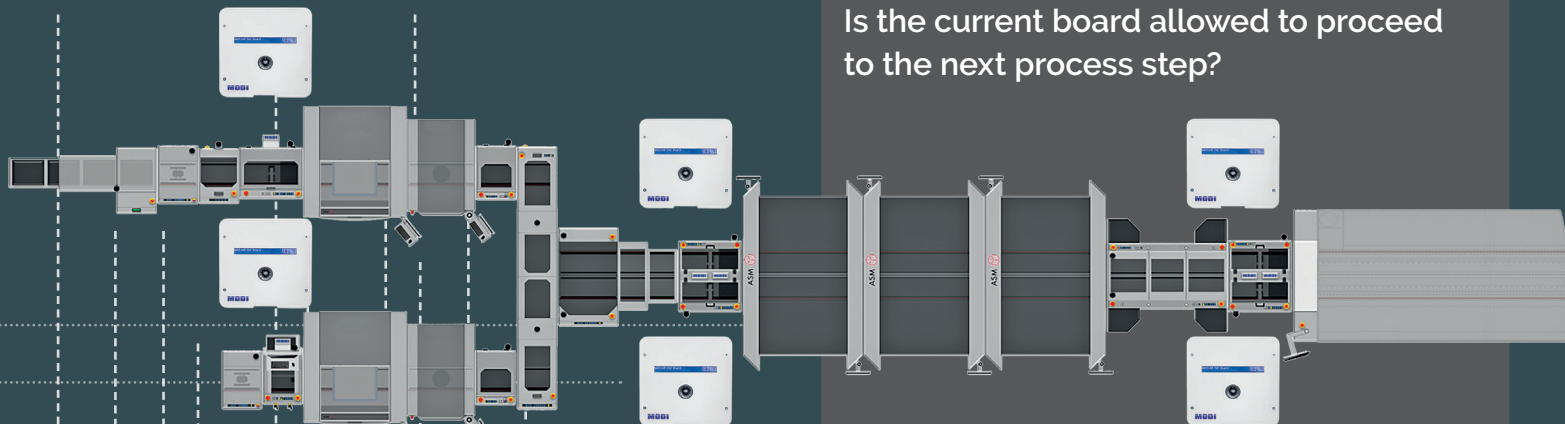
The IBox Server Software is installed on the line control computer and can manage any number of IBox units.

These are connected to the software via network. A graphical user interface allows the operator to monitor all processes at any time.

With individual scripts, each device can follow a process-specific workflow.

IBOX SERVER SOFTWARE:
MANAGE PROCESSES

TRIGGER VIA SMEMA OR DIGITAL INPUT

NEXT MACHINE

NO READ

GOOD READ

SENDING NOK TCP/IP

SENDING OK TCP/IP

SENDING CODE CONTENT TCP/IP

SNR NOT OK

SNR OK

CHECKING THE RECIEVED SNR. HERE IT IS POSSIBLE TO DO SOME TRACEABILITY BOOKINGS

IF IBOX ANSWERS NOK OR NO READ >> REMOVE BOARD

IBOX

This is where the verification takes place:

Is the current board allowed to proceed to the next process step?

If approval is granted by the traceability system, the SMEMA/HERMES interface is opened by the IBox, allowing the board to enter the next machine.

With the IBox, systems in the line that do not support the Hermes or CFX standard can be retrofitted to enable them to do so.

The IBox can forward the scanned code content directly to downstream machines.

In case of a negative response, a corresponding error message can be displayed directly on the IBox screen.

This means that installing a code scanner in the respective process system is not strictly necessary.

Interfaces:

- SMEMA / Hermes
- RS232
- TCP/IP
- 6x Digital IN
- 6x Digital OUT

Find Out More

WES V5 - Incoming Good System

PalletTrace

PackTrace