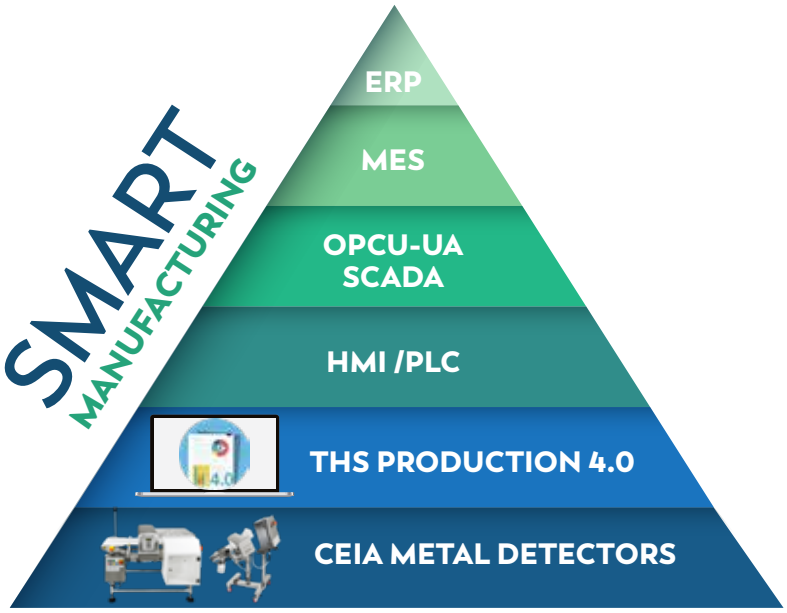
THS Production 4.0

FEATURE HIGHLIGHTS

- Connects and acquires data from multiple Metal Detectors via wired or wireless LAN
- Enables data base management and back-up of Metal Detector events
- Report Data Exportable in HTML, CSV and PDF formats
- Provides user authentication and manages electronic signatures and records
- Allows data integrity and operator auditing
- FDA requirements compliant, title 21 of the Code of Federal Regulations (CFR)
- Batch management for defective product traceability
- High performance 64-bit database that handles more than 500 millions events

THS Production 4.0 MISSION

- ✔ Real-time action upon a Metal Detector alarm
- ✔ Easier communication with Metal Detector
- ✔ Speed data access and data analysis
- ✔ Centralize data storage
- ✔ Facilitate production customization
- ✔ Promote predictive maintenance
- ✔ Let the Metal Detector be a smart device inside your smart manufacturing



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HEAT AND CONTROL®

www.heatandcontrol.com

Quality Control at its finest

Get Productive, Get Connected, Get THS Production 4.0

1 CONNECT
your CEIA Metal Detector to your network

2 INSTALL
THS Production 4.0 software in a centralized server in your network

3 CONFIGURE
the software module (ERP /OPC UA) according to your infrastracture and production system

4 START
to manage CEIA Metal Detector data from your office and improve your production

CEIA-ERP Interface module is connected to your database and sends Metal Detector data in real-time. These data automatically flow to every area that may need or use that information: employee and software can access the specific information they need quickly. The module enables a two-way flow communication with the Metal Detector: your production system can now write parameters in the machine.

CEIA OPC UA Server module makes available Metal Detector data in real-time to all OPC client connected. The OPC client can be inside your PLC, your SCADA system or a stand-alone software in your infrastructure. To maintain security in data exchange, the communication can be encrypted. The module enables a two-way flow communication with the Metal Detector: your OPC client can now write parameters in the machine.

Data Inspector Tool shows the signal and all events coming from the Metal Detector in a web browser. The signal analysis can be in real-time or with historical data: this allows to identify electrical noise, mechanical noise or bad contamination coming from the environment. Through the signal status, you can plan a manual inspection and act before stopping the production.

NO PRODUCTION STOPS, LESS MONEY LOST!

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