

Battle card

Demo board DB0081 – moneo Track & Trace



Key message: Track all movable goods in your production or intralogistics with just a few clicks to reduce waste: Less search time, less machine downtime, no manual documentation



Short briefing

Discovery questions

- How much time do you waste searching for production orders, returnable assets or tools?
- Would you like to link your machine data (process data or quality data) with actual batches?
- How do you measure performance or availability of your process steps?

Demoboard purpose

- Create understanding of Track & Trace use cases based on 4 stations: 1. Entry, 2. Production, 3. Inspection, 4. Storage (→ *JUST MOVE THE BLACK BOXES UNDER THE RFID READERS ALONG THE FLOW*)
- Demonstrate simplicity and flexibility of an IIoT tracking project in comparison to complex MES or PLC projects, that require experts
- Show that moneo does not only look at machines with a condition monitoring view but also at products, tools, materials or returnable assets

Customer benefits

| | |
|------------------------|--|
| 1. Transparency | ✓ Location knowledge → less search time ✓ Live Tracking → understand level of completion |
| 2. Efficiency | ✓ No hand scanning → faster, less error-prone ✓ KPI (Performance, Availability) → See room for improvement |
| 3. Compliance | ✓ Process data traceability → internal/external quality checks ✓ Ability to track batches, that were processed at machine → easier callback management and less waste compared to large-scale disposal |

Costs

| Software | Hardware | | | |
|--|----------|---------------------------|--------|---------|
| QCM100 (moneo IIoT Core) | 1x | edgeGateway | AE2100 | 809 € |
| QCM500 (moneo IIoT Insights) | 4x | RFID read/write head HF | DTI513 | 895 € |
| (500 credits included ~ possibility to monitor up to 20 stations with 1 ident device per station. Additional data sources like temperature consume additional credits, depending on the frequency set) | 1x | object recognition sensor | 02Uxxx | 2.195 € |
| | 1x | air humidity sensor | LDH292 | 168 € |
| | 1x | 1-segment signal lamp | DV2120 | 144 € |

General information

The document version is **V 1.0**

This document is intended for **internal use only**!

The release date is 18.11.2025

The person responsible for the demo board and the **content** of this document is the product manager:
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We hope you find this document helpful and wish you happy selling!