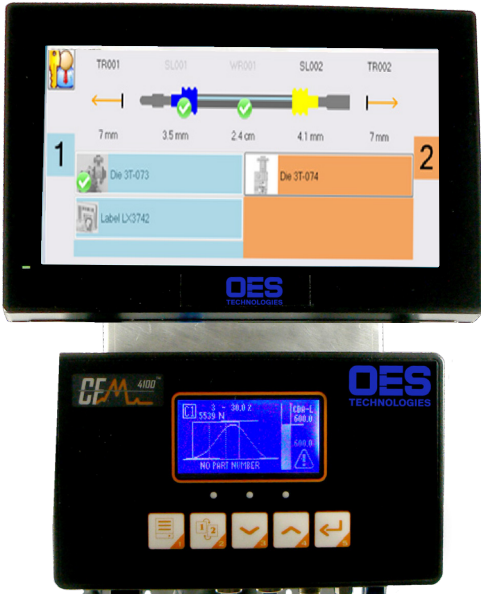# OES TECHNOLOGIES

QPM Link to CFM4103
For the bench presses and Automatic machines

Connect your CFM4103's to a plant wide network

Machine Setup

- Validate all materials - wire, terminal, applicator tool
- Verify crimp dimensions are within engineering crimp specification
- Ensure CFM parameter set are loaded for optimal CFM performance

In Production

- Re-learn initiates crimp dimension re-validation
- WO production status in real time
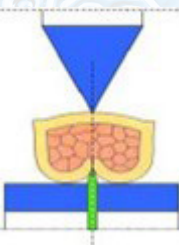- Machine operational status uptime / downtime by cause – setup, waiting for material, maintenance, other)

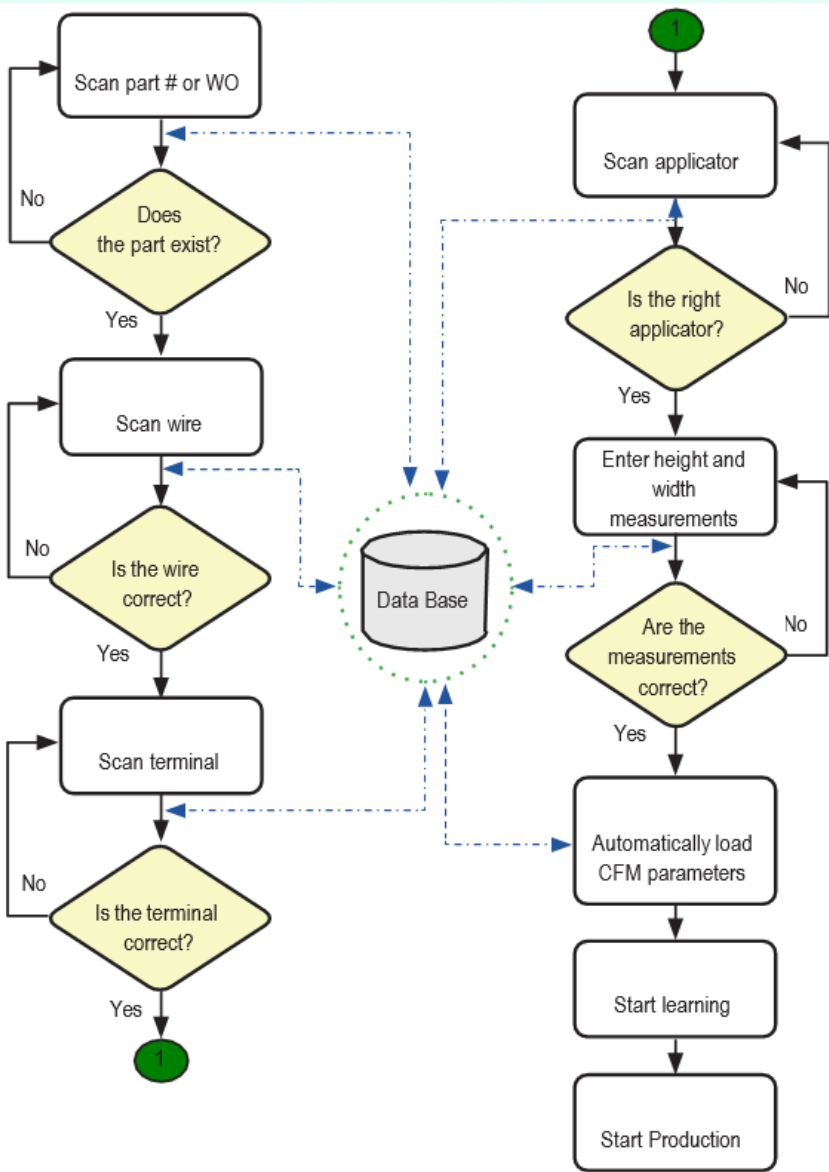## Traceability of production and Productivity:

- WO's processed
- Quantities produced
- Scrap rates
- Uptime/Downtime by cause
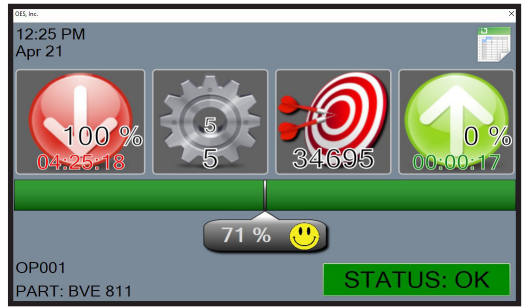- Overall Equipment Effectiveness (OEE)

Automate & Error-proof production operations

- Intuitive setup process.
- Visual illustration of the assembly to be   produced

Correct

Flowchart:

Scan part # or WO → Does the part exist?
- No → (loop back to Scan part # or WO)
- Yes → Scan wire

Scan wire → Is the wire correct?
- No → (loop back to Scan wire)
- Yes → Scan terminal

Scan terminal → Is the terminal correct?
- No → (loop back to Scan terminal)
- Yes → 1

1 → Scan applicator → Is the right applicator?
- No → (loop back to Scan applicator)
- Yes → Enter height and width measurements

Enter height and width measurements → Are the measurements correct?
- No → (loop back to Enter height and width measurements)
- Yes → Automatically load CFM parameters

Automatically load CFM parameters → Start learning → Start Production

Data Base

Continuous Improvement

OES, Inc.
12:25 PM
Apr 21
100 %
04:25:18
5
5
34695
0 %
00:00:17
71 %
OP001
PART: BVE 811
STATUS: OK

QPM Benefits

- ✓ Error proof the machine setup
- ✓ Efficient machine setup & changeover
- ✓ Optimize the quality monitoring systems
- ✓ Simplify the operator's role & responsibility
- ✓ Manage machine maintenance proactively
- ✓ Improve operational efficiency
- ✓ Measure with 100% traceability
- ✓ Reduce scrap

About OES Technologies

OES Technologies products and technologies are developed specifically for the wire processing industry to monitor and inspect 100% of parts produced during the manufacturing process and prevent part defects from entering the supply chain. OES's dedication to innovation enables them to deliver a steady stream of cutting edge technologies that meet the exacting demands of this ever changing market.

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