



Digitising Your Production

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Agenda

Digitisation in Manufacturing

SYSPRO Solutions Overview

Demo

Implementation Strategy

Questions

The background of the slide features a silhouette of two hikers on a mountain peak. One hiker is standing on the peak, while the other is climbing up, holding onto the first hiker's hand. The scene is set against a bright sunset sky with scattered clouds. The overall mood is one of achievement and overcoming challenges.

Digitisation Journey in Manufacturing

Common Challenges

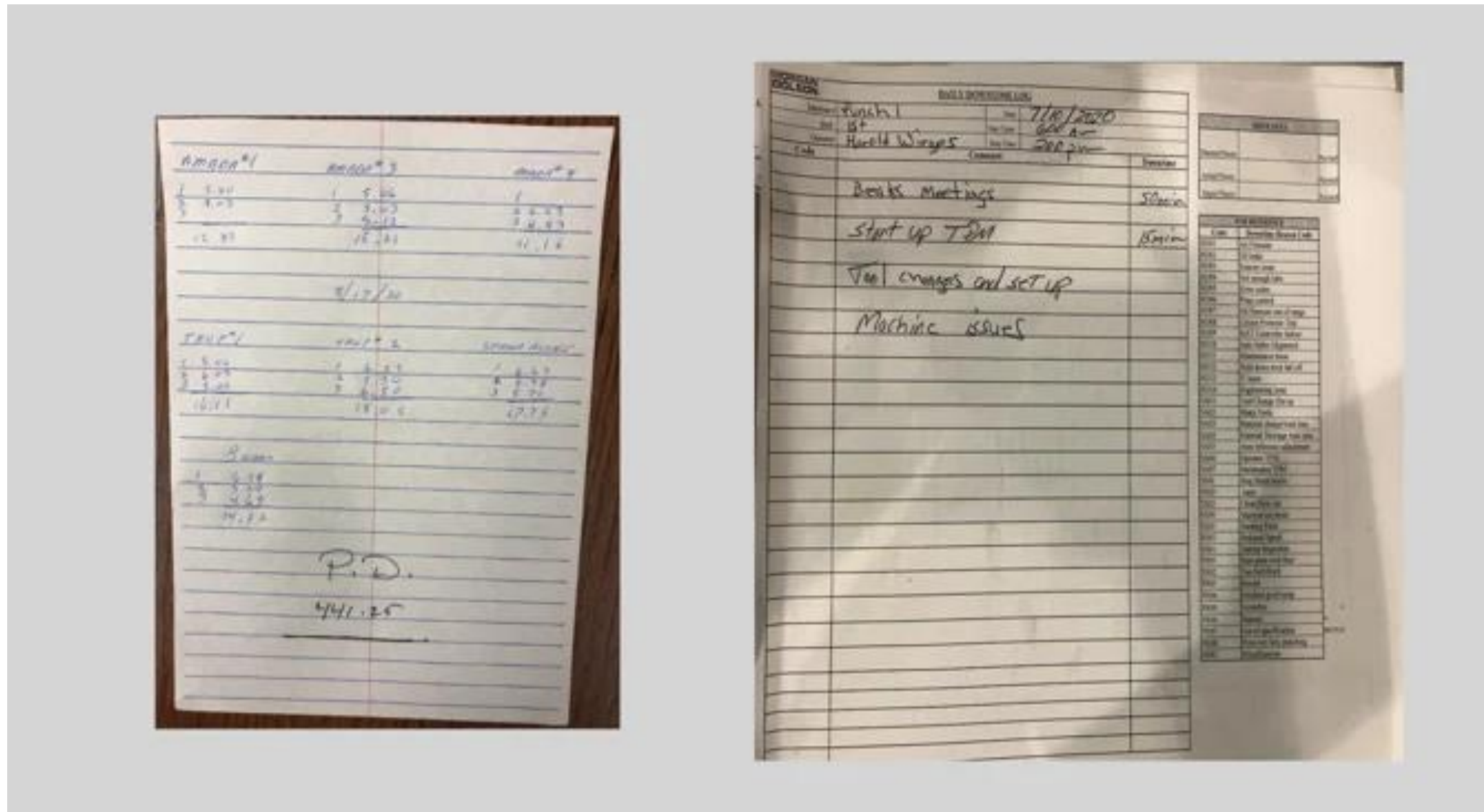
Common Challenges



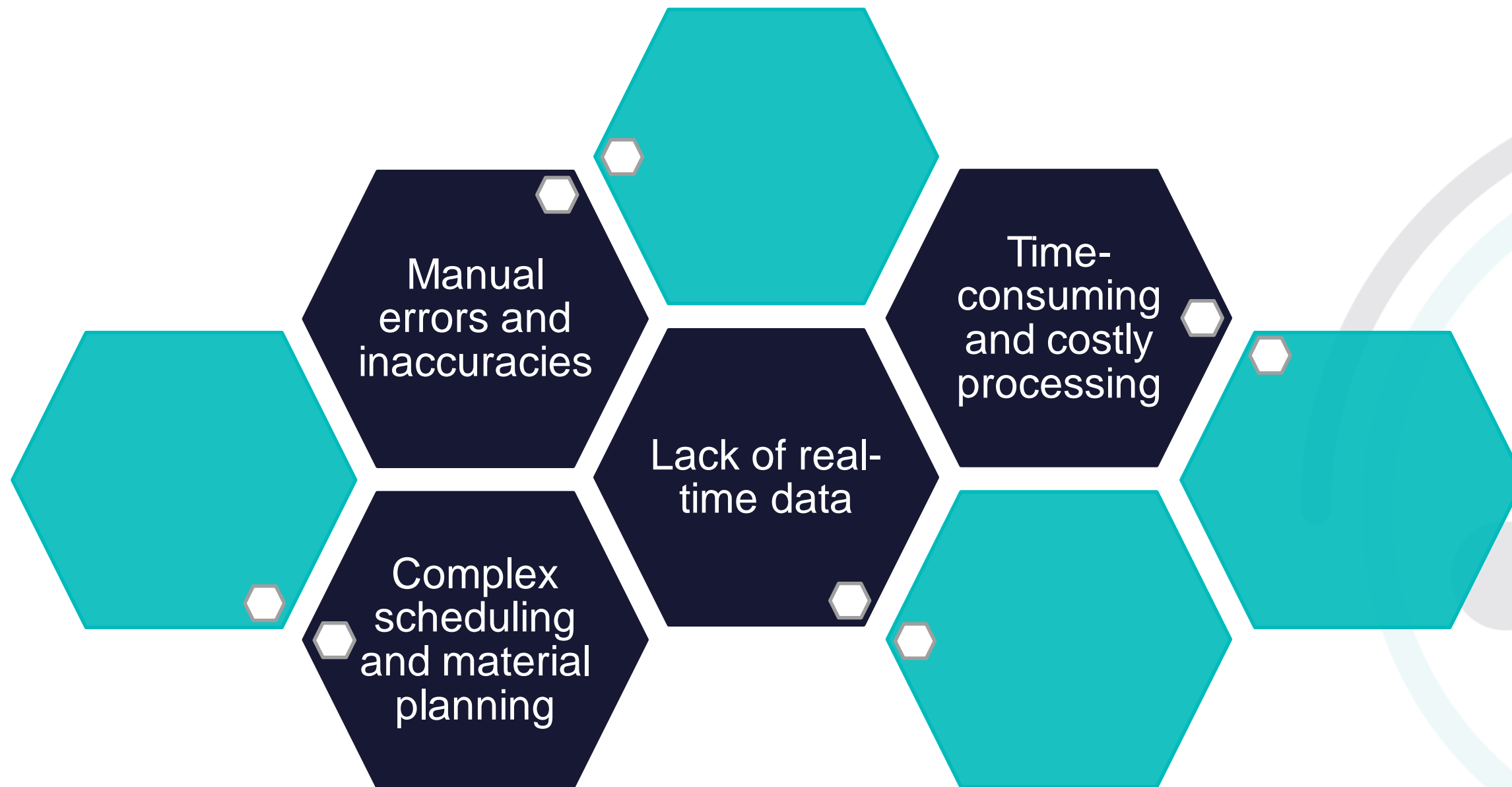
Common Challenges



Common Challenges



Common Challenges



The background of the slide features a silhouette of two hikers on a mountain peak. One hiker is standing on the peak, while the other is climbing up, reaching for the hand of the person on top. The scene is set against a bright sunset sky with scattered clouds. The overall mood is one of achievement and teamwork.

Digitisation Journey in Manufacturing

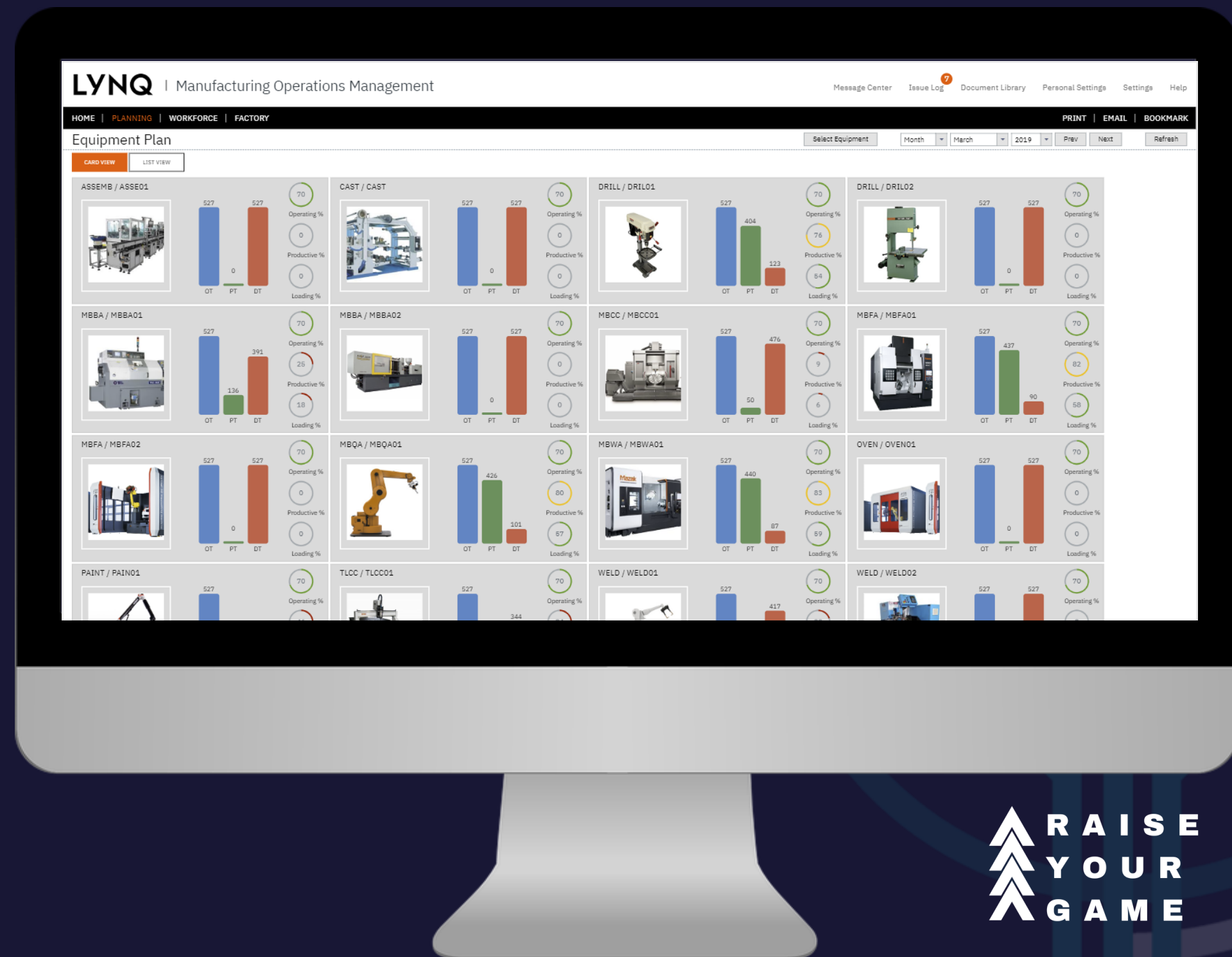
Digitisation Benefits

Digitisation Benefits



Advanced Planning & Scheduling

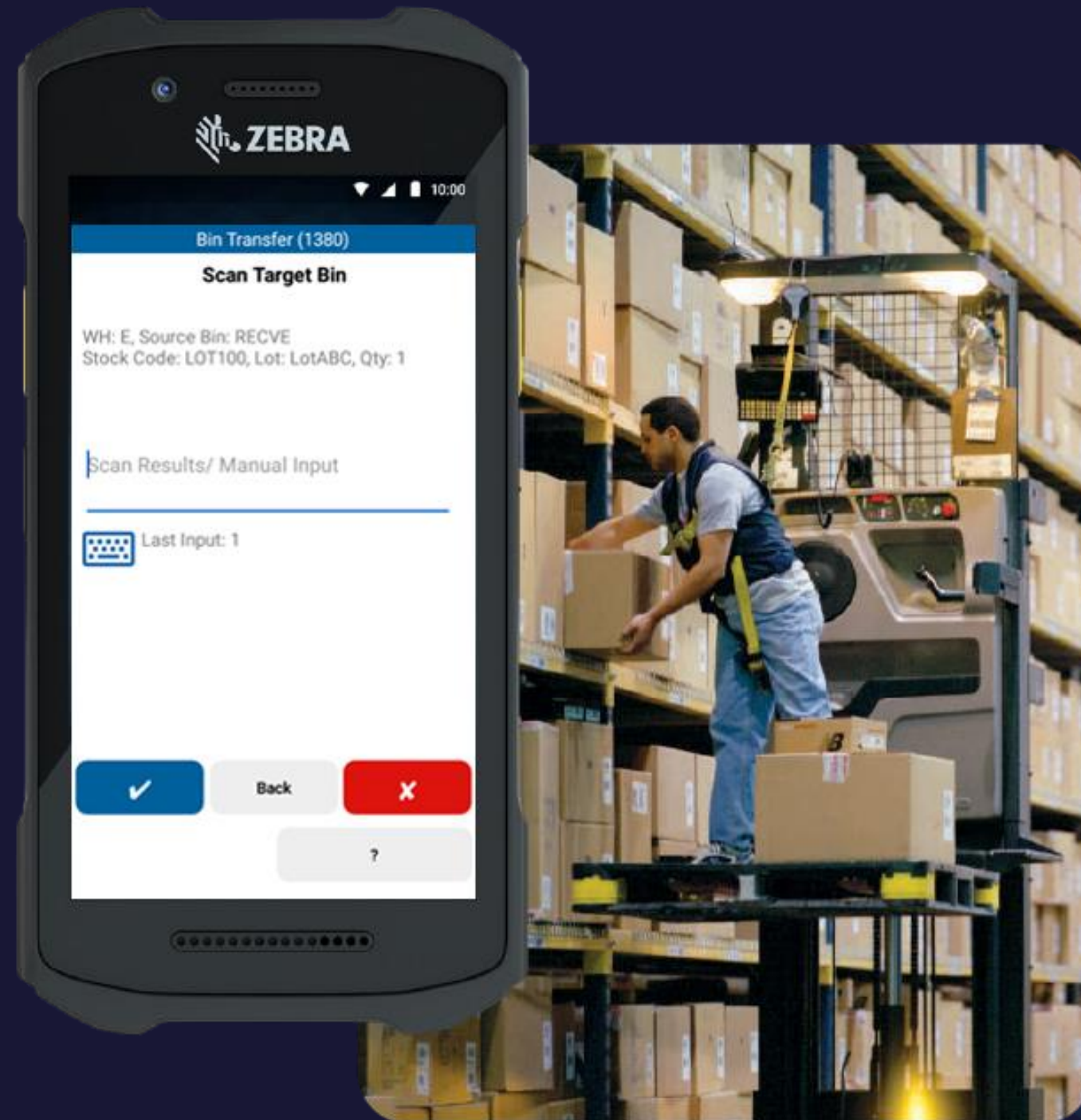
- Setup time minimisation
- Detailed resource scheduling
- Shift and capacity management



Digitisation Benefits

Material Handling

- Material picking and issuing to jobs
- Movement of stock in the warehouse (replenishment)
- Finished goods put-away

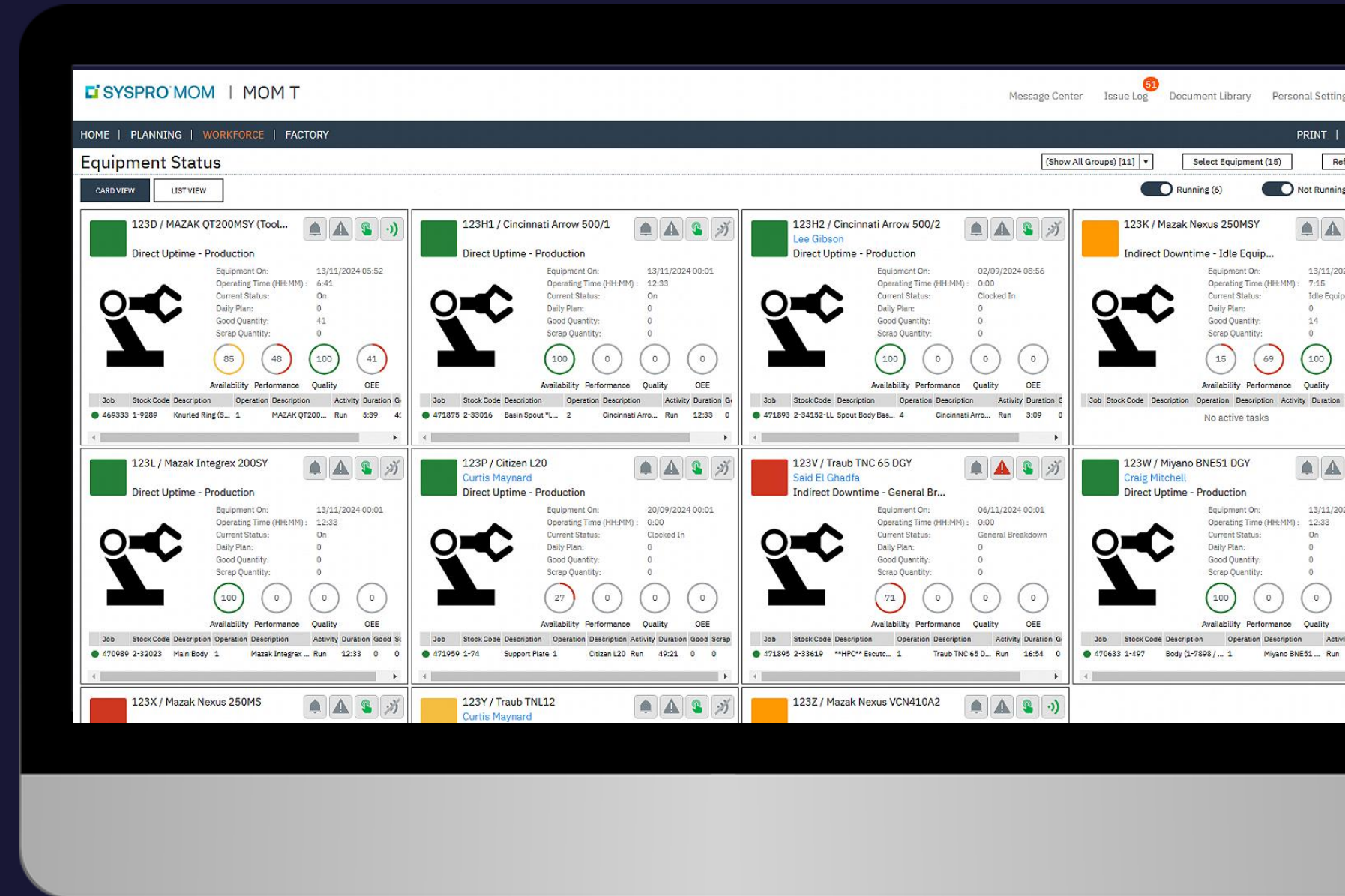


Digitisation Benefits



Shop Floor Data Collection & Tracking

- Manual and automated data collection
- Real-time resource status and issue tracking
- Non-productive time management
- Detailed analysis of production data



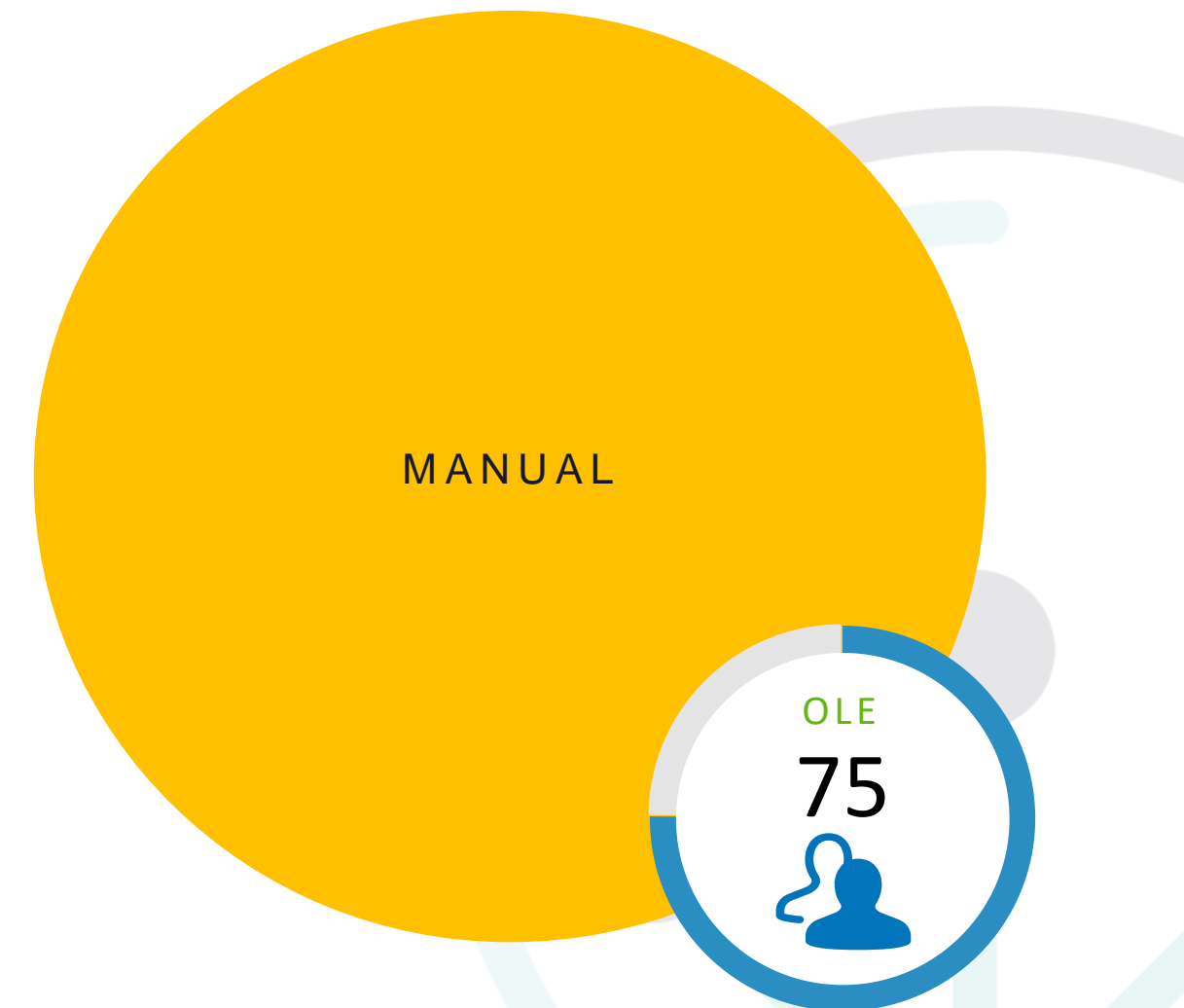


SYSPRO Solution Overview

Data Collection Methods – Manual

Operators use mobile scanners and MOM Terminals

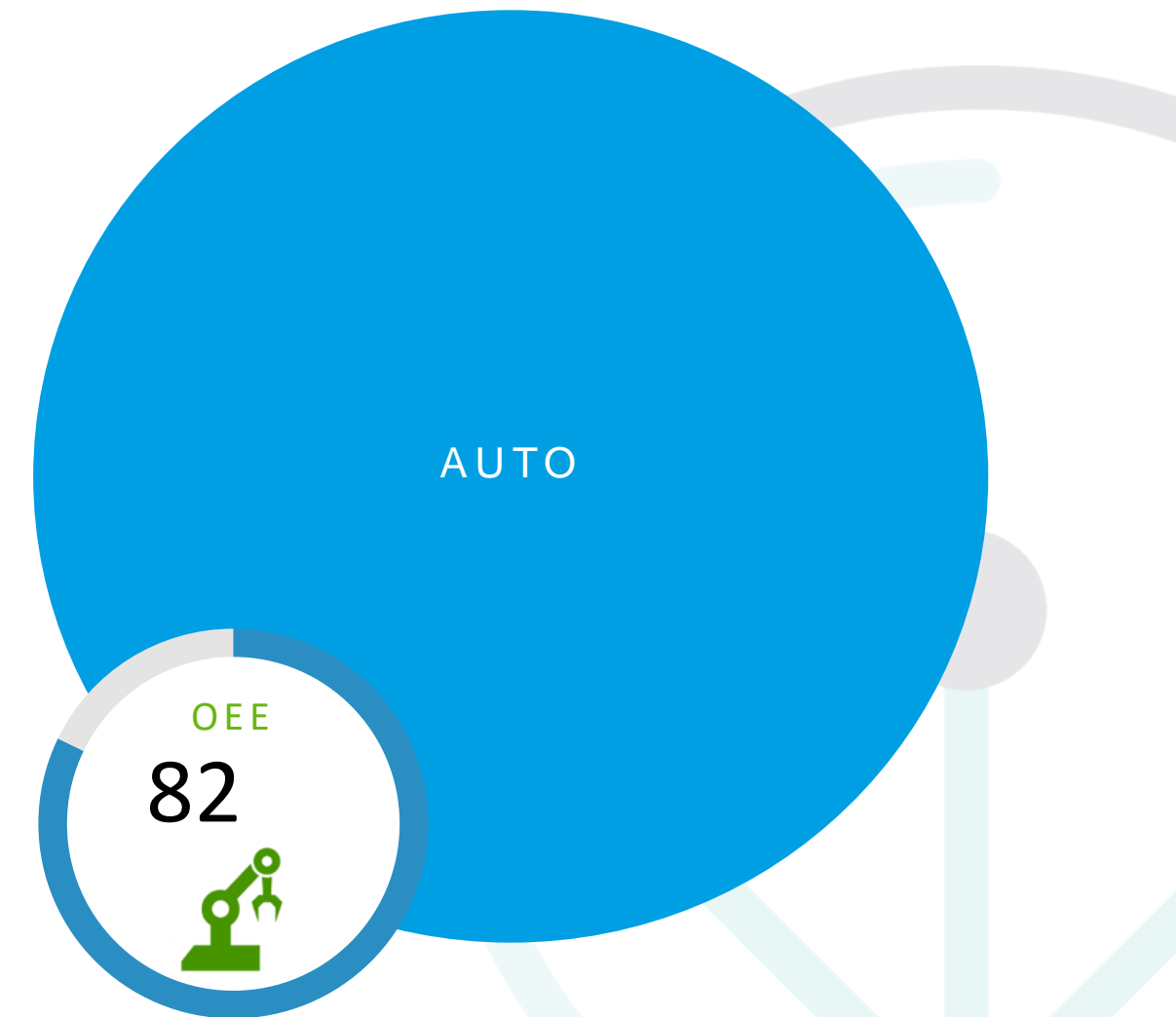
- Material replenishment, picking, and consumption
- Employee time recording
- Breaks and issue reporting
- Label printing/re-printing



Data Collection Methods - Auto

Data is automatically gathered from supported devices

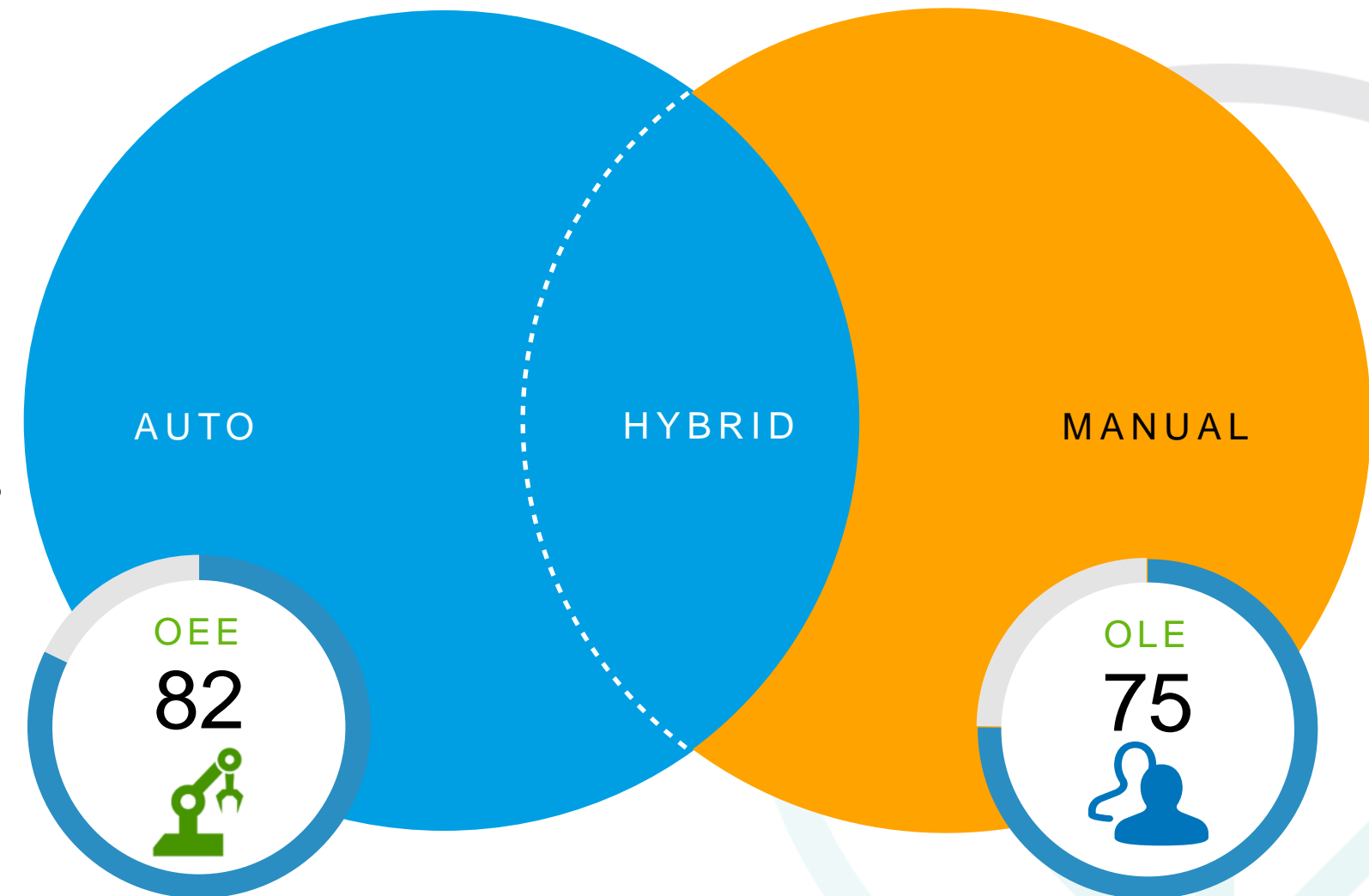
- Machine status monitoring
- Machine time recording
- Job progress (good and scrap) posting
- Machine downtime recording



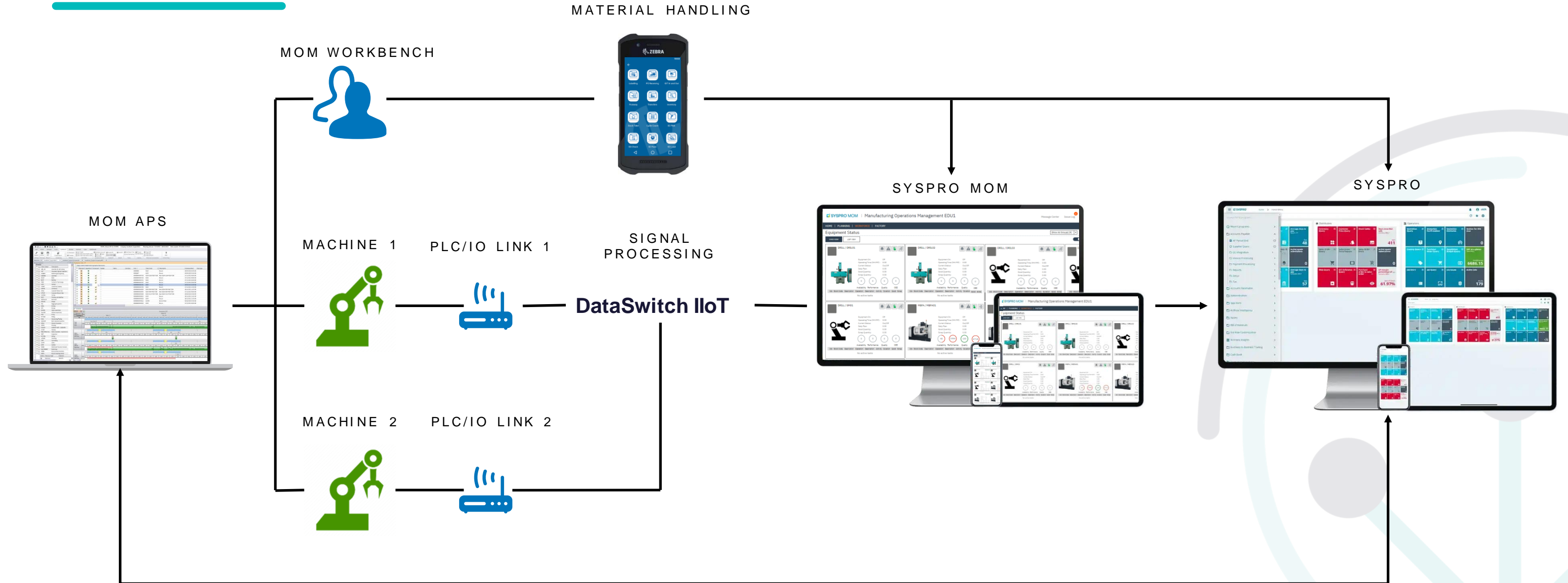
Data Collection Methods – Hybrid

Combining employee and machine data

- Machine time where automation is not enabled
- Job progress reporting for Employees and Machines
- Data collection from more sources
- Complete view of the production floor



Solution Overview



SYSPRO Solution Demo

Planning and Scheduling Jobs (MOM APS)

Material Picking/Replenishment (Translution)

Manual, Auto, and Hybrid Data Collection (MOM & DataSwitch IIoT)

Equipment and Employee Live Status Tracking (MOM)

Finished Goods Put-away



DEMO

Implementation Strategy

Preparation is Key – Industrial Network



Industrial Network

- Review the machines and decide which ones to automate
- Configure the hardware (sensors, PLC, I/O, etc.)
- Establish an industrial network for the machines and sensors

Preparation is Key



Connectivity

- Review the hardware requirements (industrial WiFi, mobile scanners, tablets/PCs, printers)
- Establish an integration strategy

Preparation is Key



People

Have the right people in place to administer and support the solution

Build the implementation strategy and improvements strategy

Thank you

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