

AVEVA PI WORLD

Empowering the plant-floor worker

Customer success roundup in the CPG industry

Presented By: Luigi De Bernardini, CEO, Autoware

AVEVA

Autoware

About our company

Autoware is an Italian System Integrator that **develops high quality software for manufacturing execution management, process control and supply chain.**

"Manufacturing made Smart" is our motto.

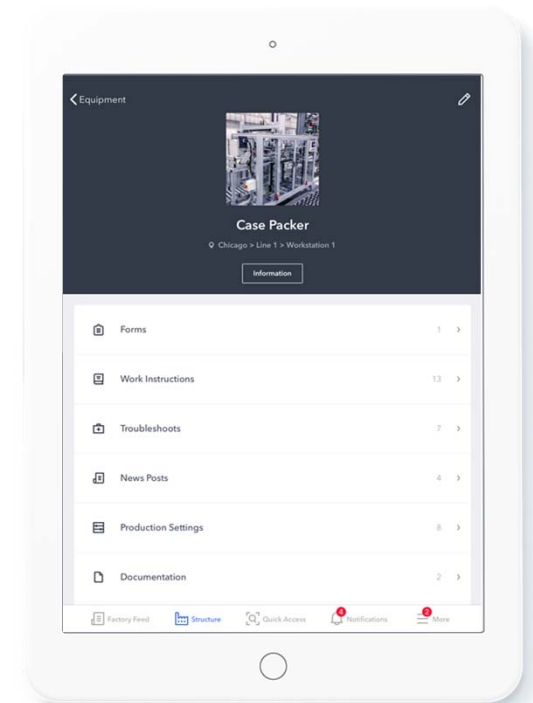
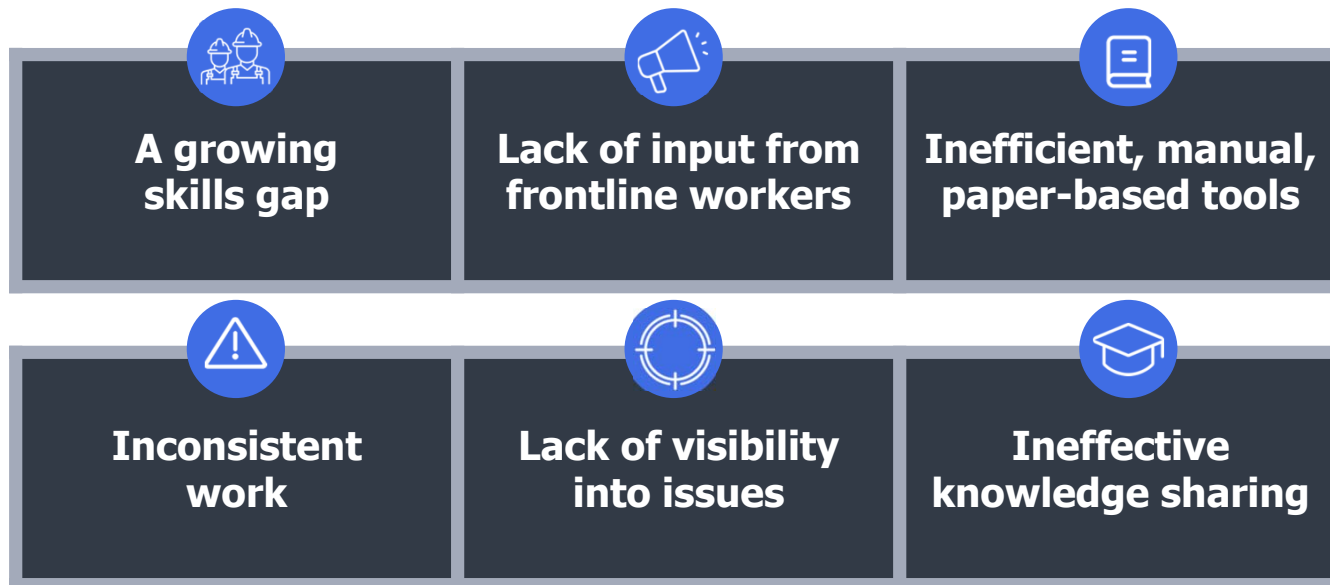
- Founded in Vicenza in 1996, Autoware fast became one of the first Italian System Integrators offering MES solutions to manage operations.
- We supported **digital manufacturing** projects in facilities of every dimension and industry, around 4 continents for more than 20 years.
- We offer **taylor made solutions based on standard.** This is one of our key success factors, together with the use of standard platforms, highly scalable and customizable.

Autoware is the only Endorsed in Italy and the Italian partner, with the highest level of certifications.

Autoware has chosen Aveva to support, in particular, Food & Beverage and CPG companies to improve and optimize the entire production process and supply chain.



Empowering the connected worker on the plant floor



Danone

Multi-national water bottling plant

Danone is a leading multi-local food and beverage company building on health-focused and fast-growing categories in 3 businesses: Essential Dairy & Plant-Based products, **Waters and Specialized Nutrition.**

- Danone's portfolio includes also strong local and regional brands including AQUA, Blédina, Bonafont, Cow & Gate, Horizon Organic, Mizone, Oikos, Prostokvashino, Silk, Vega.

GOALS

- Manage work instructions for end of line
- Peer to peer communication for shift handovers through standardized forms
- Communication of department information on the factory feed - maintenance, QA, HS

KPIs

- Reduce training time
- Improve top-down/bottom-up and inter-shift communication

AREA

- High Speed Lines

USERS

- About 20 people (shift leaders, operators, maintenance, QA, H&S representatives)



Dairy Company

Multi-national dairy plant

This company is a leading multi-local food and beverage company building on health-focused and fast-growing categories in 3 businesses: **Essential Dairy & Plant-Based** products, Waters and Specialized Nutrition.

- More than 100,000 employees
- Products sold in over 120 markets
- €25.3 billion in sales in 2019

GOALS

- Manage work Instructions – mass import of existing SOP
- Communicate info about the plant status on the factory feed
- Manage role-specific skills and optimize team management through the skill matrix
- Peer to peer communication for shift handovers through standardized forms

KPIs

- Reduce stoppages caused by humane mistake

AREA

- Bricks: 10 production lines - DSE (End of Line) part only
- Cups: 1 line - filling part only

USERS

- Bricks area: 62 operators, 10 shift supervisors, 10 staff/managers
- Cups area: approx. 50 people



Helvoet

Multi-national rubber & plastic plant

Helvoet is an established global manufacturer of precision plastic and rubber products.

- More than 1 billion products in thermoplastics, thermosets, rubber and liquid silicone or combination.
- All manufacturing locations are fully certified (Automotive, Medical, Food) and have state-of-the-art equipment.
- In addition to a clean production environment and structured processes, they can also offer fully automated assembly lines with in-line testing if required.
- Helvoet's goal is to provide ready-to-use solutions and thus include all necessary process technologies under one roof.

GOALS

- Manage work instructions:
 - Mass import of documentation
 - Targeted work instructions for specialty tasks
- Track and address production issues using "Call for help"
- Log & share production information using the news feature
- Peer to peer communication for shift handovers through standardized forms

KPIs

- OEE improvement
- Waste reduction
- Quality improvement and defects reduction to reduce customer complaints

AREA

- "Heineken" line
- "Qiagen" line
- Barrels and Caps line

USERS

- Operators, support department, mechanics (about 85 people)



Helvoet

Multi-national rubber & plastic plant

Helvoet is an established global manufacturer of precision plastic and rubber products.

- More than 1 million products in thermoplastics, thermosets, rubber and liquid silicone or combination.
- All manufacturing locations are fully certified (Automotive, ISO 9001, ISO 13485) with state-of-the-art equipment.
- In addition to a clean production environment and structured processes, they can also offer fully automated assembly lines with in-line testing if required.
- Helvoet's goal is to provide ready-to-use solutions and the latest technologies under one roof.

“With help of experienced and dedicated people of POKA, Helvoet is setting foot in the 21 centuries of communication and leaning. We stimulate the continuous improvement and learning mind set in the shop floor and getting better in our quality and performance KPi’s, making sure that we meet our today’s customer demands and be future proof”

GOALS

- Manage work instructions: targeted work instructions for specialty tasks
- Track and address production issues using “Call for help”
- Peer to peer communication for shift handovers through standardized forms

KPIs

- Waste reduction
- Quality improvement and defects reduction to reduce customer complaints

AREA

- “Qiagen” line

USERS

- Operators, support department, mechanics (about 85 people)

Nick Huntemann – Lean Coordinator

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AUTOWARE
...manufacturing made smart

AVEVA

Dermatology Company

Multi-national CPG / Personal Care

This company became the largest independent dermatology company in 2019.

- Present in more than 100 countries
- Approximately 5,000 employees
- They are the only company operating across the spectrum of dermatology: Aesthetics, Consumer Care and Prescription Medicine
- Their bold ambition is to become the leading dermatology company in the world

GOALS

- Manage work instructions in Poka
 - Link existing work instructions in Poka work instructions
 - Add photos and videos to work instructions
- Manage communication between departments using factory feed and news feature
- Perform operational checks via cleaning and inspection forms
- Peer to peer communication for shift handovers through standardized forms
- Implement a new way of training through video instructions

KPIs

- Reduce downtime caused by improper operation
- Increase the availability of instructions

AREA

- Final packaging of Line 2

USERS

- 6 operators - 2 shift supervisors - 2 shift managers - 1 production engineer - 1 quality department member - 1 maintenance department member





Key Takeaways

- **Connected Workers is beyond concept – it is proven and goes beyond technology. It's a culture, a way of working**
- Implementing a way of working is a paradigm shift and calls for Change Management
- For use cases, look at your priorities by factory – it can be different
- **Connected Workers and trained workers impact on OEE, production performances and quality – they have direct ROI**
- Do not manage it as an automation or MES project... its' different
- To get started, don't think of it as a pilot – but start small and grow use cases
- **Do the journey with the right consultant**

THANK YOU

謝謝

DZIĘKUJĘ CI NGIYABONGA TEŞEKKÜR EDERIM DANKIE TERIMA KASIH SPASIBO GRAZIE MATUR NUWUN ХВАЛА ВАМ MULTUMESC PAKMET CIZGE 고맙습니다 GRAZIE شكرا FAAFETAI ESKERRIK ASKO HVALA HVALA TEŞEKKÜR EDERIM OBRIGADO MERCI DI OU MÈSI ĎAKUJEM

KÖSZÖNÖM GO RAIBH MAITH AGAT БЛАГОДАРЕА ТИ БЛАГОДАРАМ ТАК DANKE RAHMAT HATUR NUHUN CẢM ƠN BẠN WAZVIITA FALEMINDERIT

TAPADH LEIBH KEA LEBOHA MISAOTRA ANAO WHAKAWHETAI KOE DANKON TANK TAPADH LEAT SALAMAT

GRACIAS EΥΧΑΡΙΣΤΩ GRATIAS TIBI MAHALO IĀ 'OE TAKK SKAL DU HA GRAZZI PAKKA PÉR UA TSAUG RAU KOJ TI БЛАГОДАРАМ СИПОС