Case Study: Digitalisation at Toftan

Peeter Põder, Mill Manager at Toftan
Toftan 2: Background

New mill built in 2016. Good testbed for new ideas and solutions. Most employees had never worked in a mill before.
Why digitalisation?

Essential component of OEE and CMMS.
To improve the efficiency of processes due to complex products and batches.
What solutions were chosen?

Evocon: Real-time monitoring of production (OEE)
Alldevice: Maintenance Management Software
Evocon – Implementation
Evocon was implemented in 2017 to track and visualise the production process.
Evocon – Bonus system & OEE

OEE metric and bonus system for employees introduced in April, 2017.
Evocon – Results

What have been the results of using Evocon?
2017: OEE change after bonus system
Clear understanding of the process
Meetings have become much more productive.
Employee engagement

Thanks to the bonus system employees are invested in the process.
Evocon – Benefits

Easy-to-use and implement.
Engages the whole team to work together.
Simple and clear understanding of progress.
Visualisation matters, it's in our DNA

Everyone can understand clear visuals and colours.
Alldevice was implemented in 2017 to organise the maintenance of machines.
Alldevice – Results

Clear overview of the problems of each machine and history of issues.
Alldevice – Benefits

Root cause analysis of issues helps understand what to improve to increase OEE.
What next?

Integration of Evocon & Alldevice
Goals of integration

Improve decision-making from combination of data.
Maintenance plan based on actual data collected (pcs, meters, min, h etc.).
Lessons learned

Digital tools are not silver bullets. You still need to put in the hard work.
Give digital tools a try!
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