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## SAFER - MOWI Ireland Pilot Project

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WiSAR Lab



# MOWI Ireland in Brief

- Founded in 1964 in Donegal, Ireland
- Seafood processing factory
- The worlds leading supplier of organic farmed salmon
- Committed to sustainability and traceability

# Original Paper Based System

- Reports are created on factory floor for quality assurance and traceability
- Many different paper reports are created
- These reports are filled in by hand on the factory floor
- These reports are then transcribed in the office into a spreadsheet
- The spreadsheets are collected and stored for inspections



# Potential Issues with Current System

- Legibility of handwritten reports can be an issue, especially as the number of reports increases
- Transcription introduces potential of human error, misreading, typos etc.
- Large time expenditure for handwritten reports
- Reports require careful filing and storage



# Digital Reporting Pilot Scheme

Date: 17, Nov, 2020 Weight Target: 80g

Batch # 4 Tolerance 78 - 83

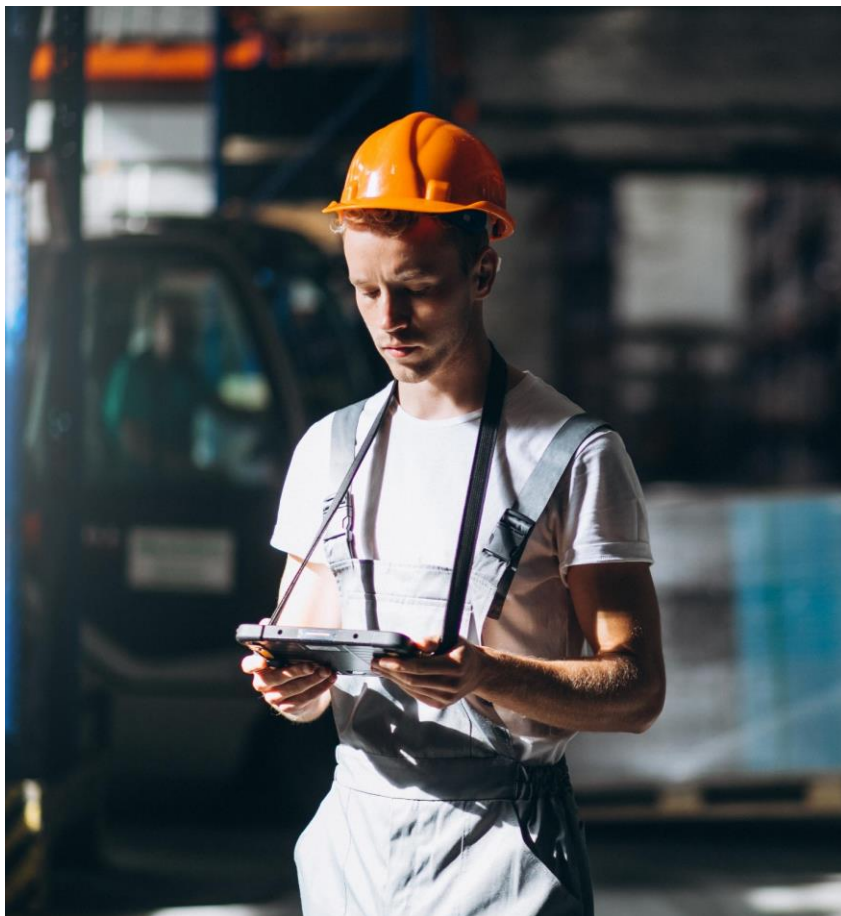
Weight	TimeStamp
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80	17-11-2020 15:11:59
81	17-11-2020 15:11:00
78	17-11-2020 15:11:02
82	17-11-2020 15:11:04

Done Next

Done next

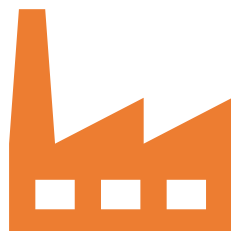
- An application was developed to replicate two of the current paper reports
- The handwritten system is replaced by a simple “option selection” control system
- The application converts these digital reports to a standard Excel format and emails them to the factory office once finalised

# Advantages of Digital Reporting Pilot Scheme



- No legibility issues with handwritten reports
- No transcription errors when digitising digital reports
- Time cost saved in writing and transcribing
- Reports are available in the office instantly
- Storage of Excel files is simpler and does not require physical office space

# Pilot Scheme Challenges



- Factory floor environment
- *Rugged IP67 rated tablet was chosen for pilot*



- Availability of network connection on factory floor
- *Application was developed to queue up digital reports and transmit once a connection is established*



## Contact info

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**WiSAR Lab**

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