Software Center
Systems Engineering community
Next stop:
Tetra Pak, Lund!

March 2020

TEASER!

PROTECTS
Tetra Pak®
WHAT'S GOOD

March workshop:
Agenda (preliminary)

THEME: Developing and managing cyber-physical systems

10.00	Welcome
10.10	**INTRO**: Clara Källrot, VP Systems Engineering & Quality
10.30	**LIVE DEMO**: Filling machine
11.00	**BRIEF**: Enterprise System Architecture
11.30	**BRIEF**: Industry 4.0 Platform
12.00	Lunch
12.45	**CASE STUDY**: Predictive Maintenance
14.00	**CASE STUDY**: Configuration Management
16.30	Summary, end

Tetra Pak®

Food processing and packaging systems

Tetra Pak®

We commit to making food safe and available everywhere

- President and CEO: Adolfo Orive

- Employees: 25,488

- Net sales: Million € 11,220

- **Packages sold: 190 billion / year**

- **Packaging machines: >8,700**
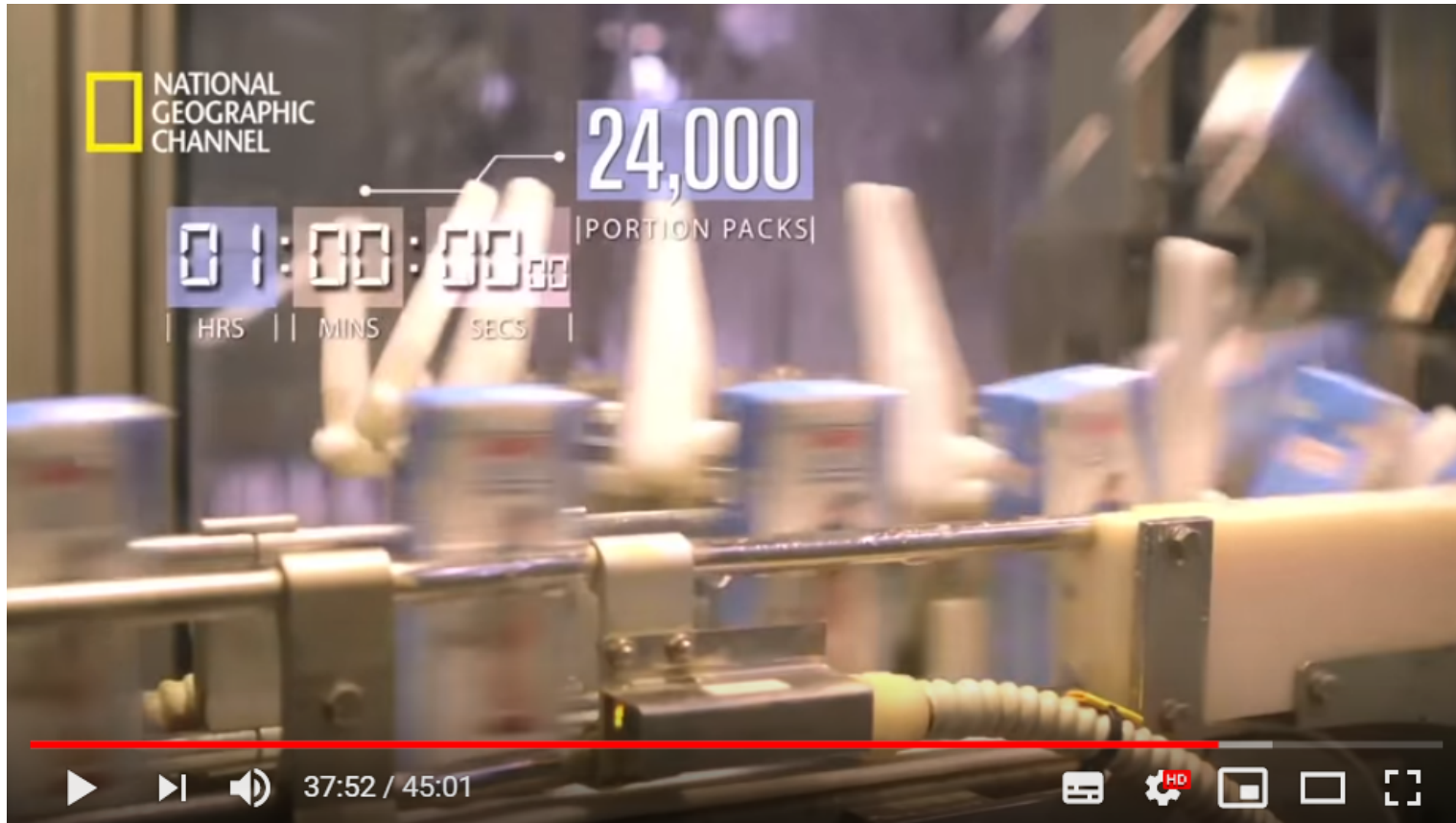
- **Processing machines: >81,000**

Tetra Pak®

Fields of operation

Tetra Pak® in more than 160 countries

- Processing Solutions

- Packaging Solutions

- Services

Tetra Pak®

"Super factories: Tetra Pak"
(National Geographic feature)

https://www.youtube.com/watch?v=M1XzsuYQoU0

PROTECTS WHAT'S GOOD
Tetra Pak®

PROCESSING ▾   **PACKAGING** ▾   **SERVICES** ▾   **SUSTAINABILITY** ▾   **ABOUT TETRA PAK** ▾

DISCOVER PLANET POSITIVE

It's a new way of thinking that inspires us to take sustainability much further

Start exploring

Processing Solutions

Packaging Solutions

Service Solutions
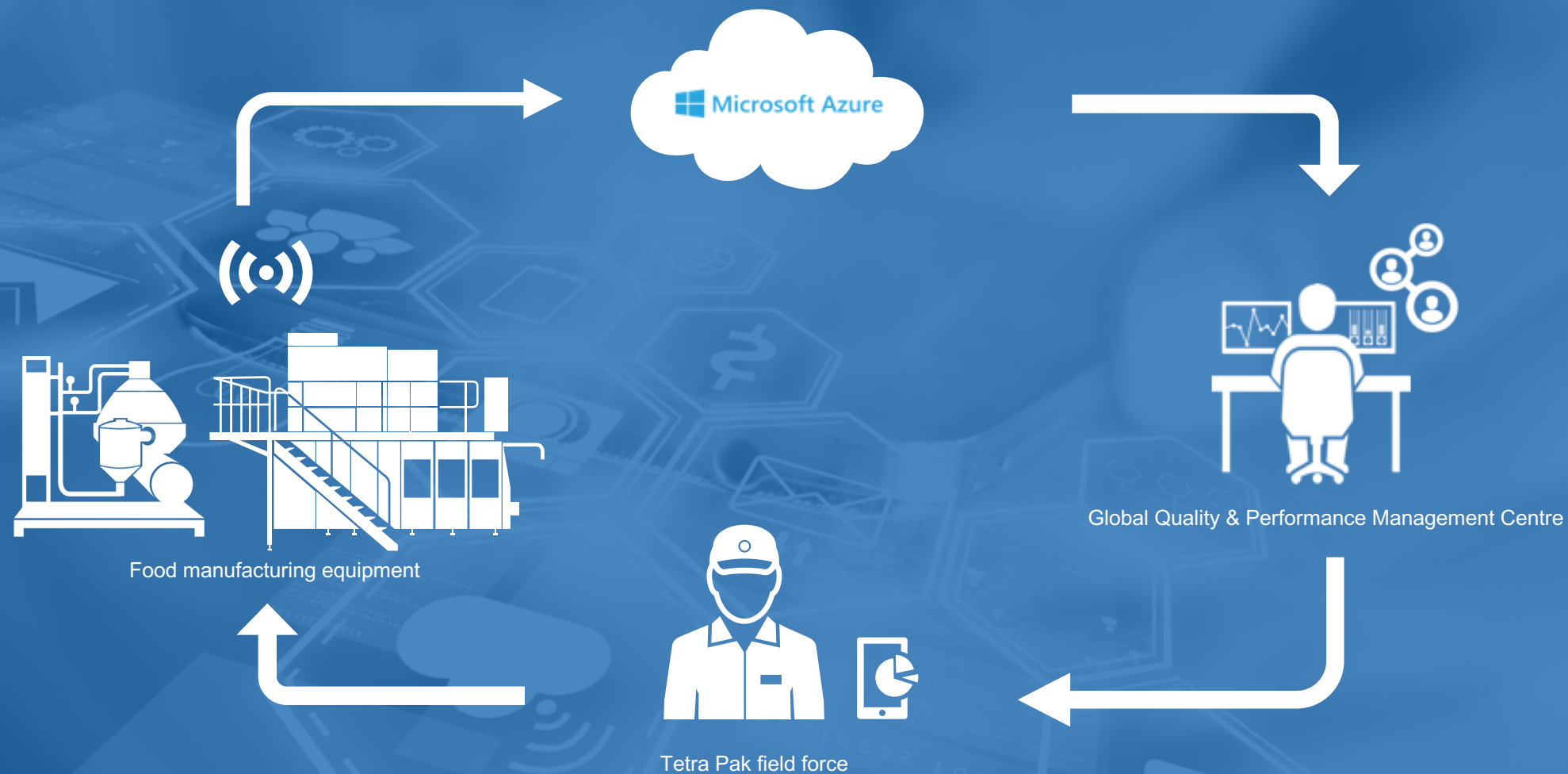
Workshop case study 1

Predictive Maintenance service

Security Level

Predictive Maintenance
Concept of operations

Microsoft Azure

Food manufacturing equipment

Global Quality & Performance Management Centre

Tetra Pak field force

Predictive Maintenance – example
Functions monitored on Tetra Pak® A3 Flex

Sterile system*

Process monitoring*

Jaw drive system
6 servo motors

Motors, belts, couplings, shafts

Electrical power

Sealing

DIMC drive system
3 servo motors

Outfeed-drive system
2 servo motors

Motors, belts, couplings, gearboxes

Peroxide pump