



PREMIER TECH CHRONOS

BALTIC FORUM 2018

The background image shows a large industrial facility, likely a factory or warehouse, with a high ceiling and complex structural beams. In the foreground, there are several robotic arms, one of which has the text 'PREMIER TECH' and the number '12' visible. In the lower right, there are stacks of large, white, rectangular bags, possibly containing raw materials or finished products. The entire scene is overlaid with a semi-transparent blue filter.

INDUSTRY CHALLENGES

2018

MANUFACTURING WORKFORCE

SMART SHIFT

WHAT'S THE IMPACT?

1 **MANUFACTURING WORKFORCE**

THE SITUATION

DEMOGRAPHIC SHIFT – Workforce shortage

- 80% of actual work force consist of Baby boomers (45-65 years) – More than 10K people retiring every day.
- The Millennials are arriving! Will represent 75% of the workforce in 2030

HEALTH AND SECURITY – Risks & Costs

- Work accident / injuries are more and more costly

PRODUCTIVITY – Downtime & human limits

- Production is very depend on labour quality, reliability and availability

THE SOLUTIONS

AUTOMATION – Reliability & Uptime

SAFE ENVIRONMENT – Secure equipment

RELOCATION – Higher value positions

Use the labour resources into more value adding positions

Invest in training

2 4.0 SMART SHIFT

Fourth Industrial Revolution

The Fourth Industrial Revolution builds on the Digital Revolution, representing new ways in which technology becomes embedded within societies and even the human body.

Emerging technologies emerging through breakthroughs in fields such as robotics, artificial intelligence, nanotechnology, biotechnology, The Internet of Things (IoT), 3D printing and autonomous vehicles and machines.

→ converting into new unit called Smart Factory

THE SITUATION

PREVENTIVE – Downtime

OPERATIONAL PROBLEMS – Costly

TECHNOLOGY GAP – Big Steps

THE SOLUTIONS

PREDICT – Increase uptime

SMART FACTORY – Connectivity & Efficient production (OEE)

INTEGRATION – Progressive process

TOOLS – Self diagnostic, MixPro connected to MES / ERP

systems, Augmented reality, connectivity, SCADA (Supervisory

Control and Data Acquisition



**WHAT'S
THE IMPACT**

TOTAL COST OF OWNERSHIP

BEYOND THE ROI

(Return On Investment)

**CONSIDER ALL
THE FACTORS**

**LONG TERM
GAINS**



**WE BRING TO
LIFE**

WE ARE PT

WE ARE PT

WE CONNECT

MODELE PT

EDGE

EQUIPERS

RIGUEUR

DISCIPLINE

3 ANS

+250

WE
CONNECT
WEAREPT