

YOUR FAST TRACK TO DIGITALIZATION



Real Time Asset Performance Monitoring

#### **About Us**





PRESSWIRE

3DSIGNALS ERZIELT IN ERWEITERTER **RUNDE A 20,5 MIO. US\$ UNTER** TEILNAHME DER MERCURA CAPITAL GMBH (SCHULER-VOITH FAMILIE)

3DSignals beschleunigt den digitalen Wandel in der Produktion hin zur Industrie 4.0.



<u>ary</u>

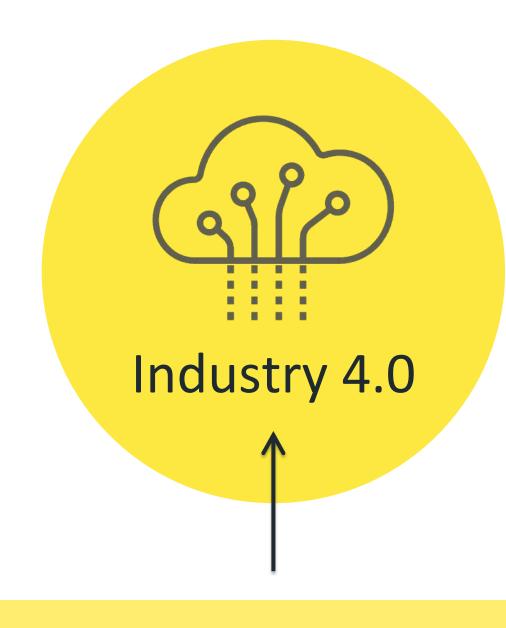
## The Vision – Gradual Transition to Industry 4.0

Computerization Connectivity

Digitalization

Visualization Analysis

Business Intelligence

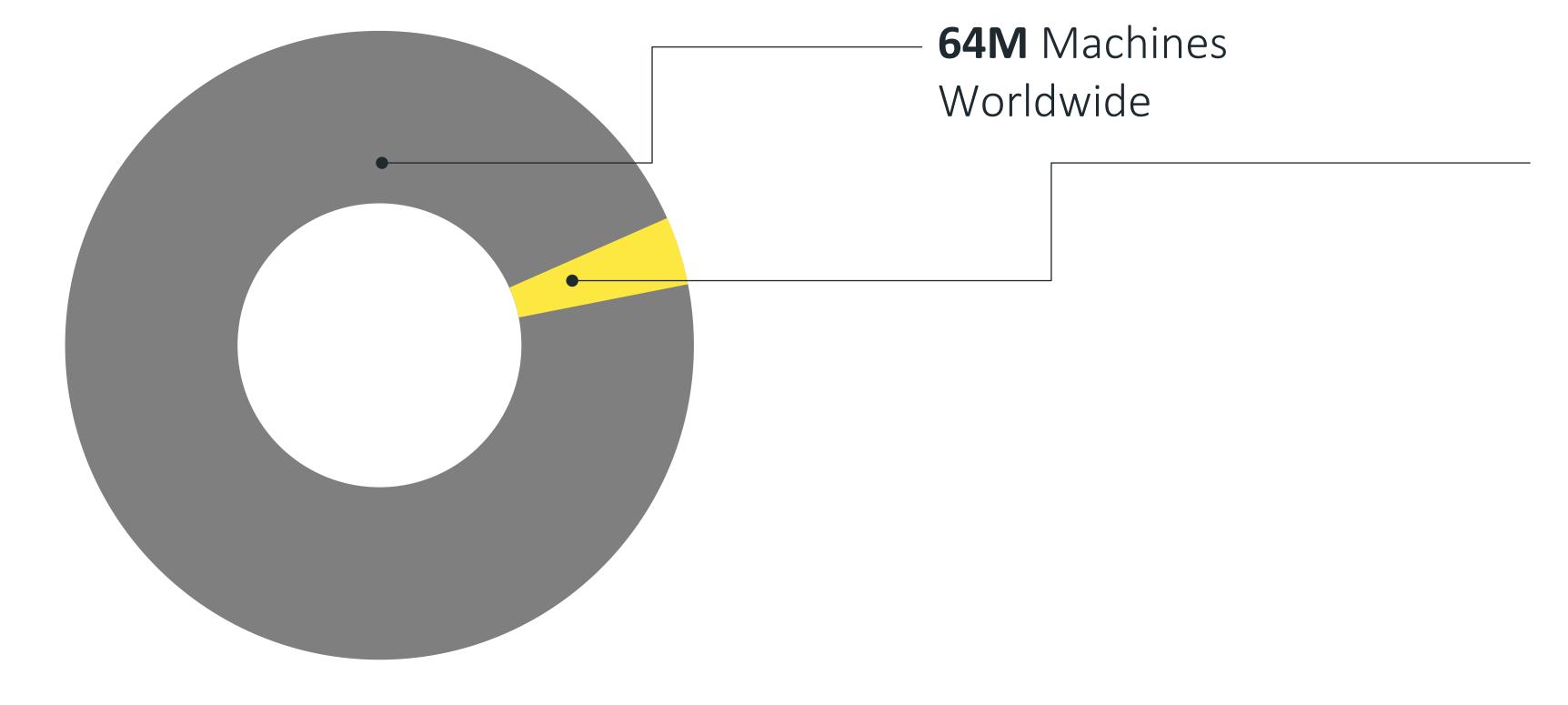


Artificial Intelligence

Predictive maintenance Self-optimization



### The Reality – Majority of Machines are not Connected

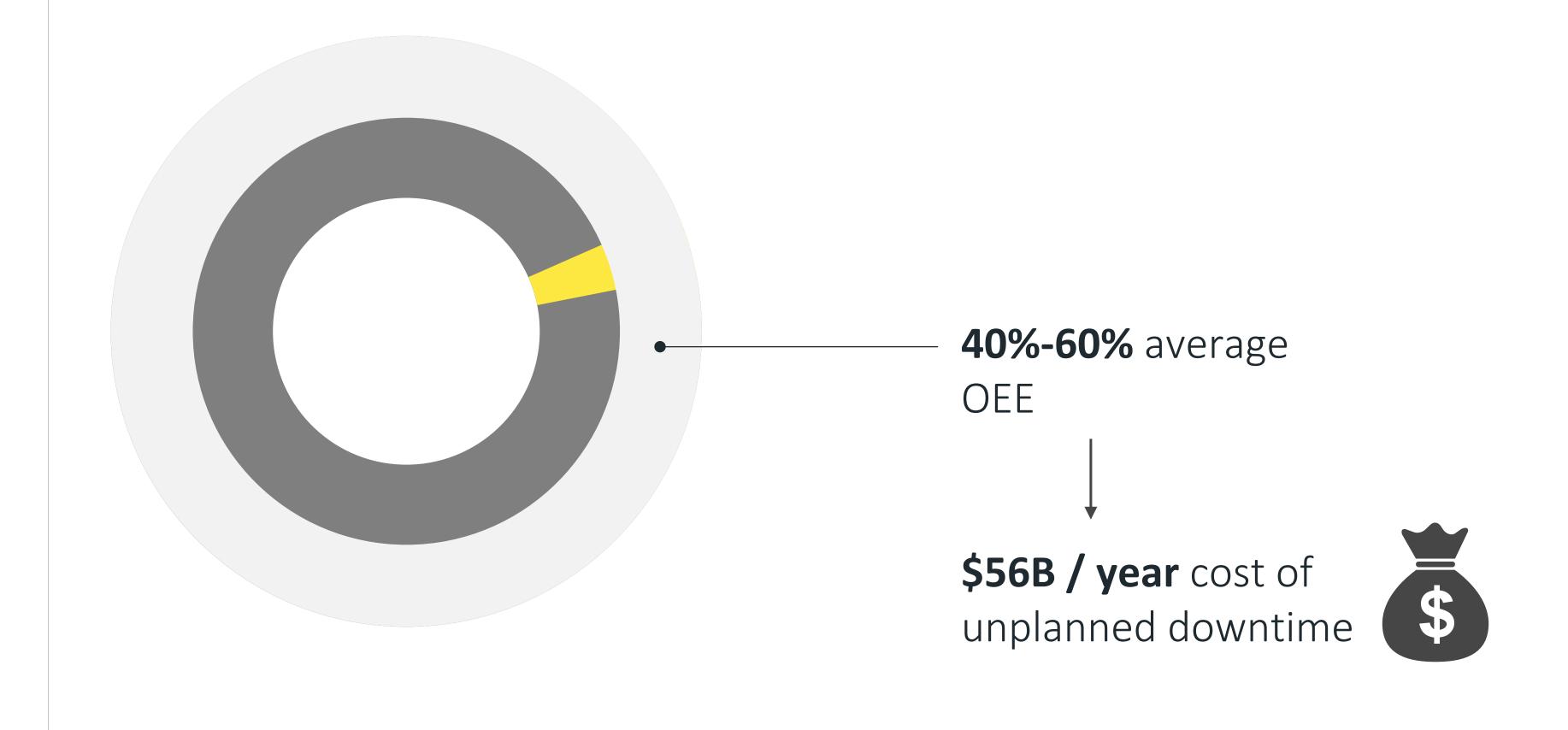


Only **8%** connected to network

- Old machines
- No sensors installed
- Different controllers
- Proprietary protocols

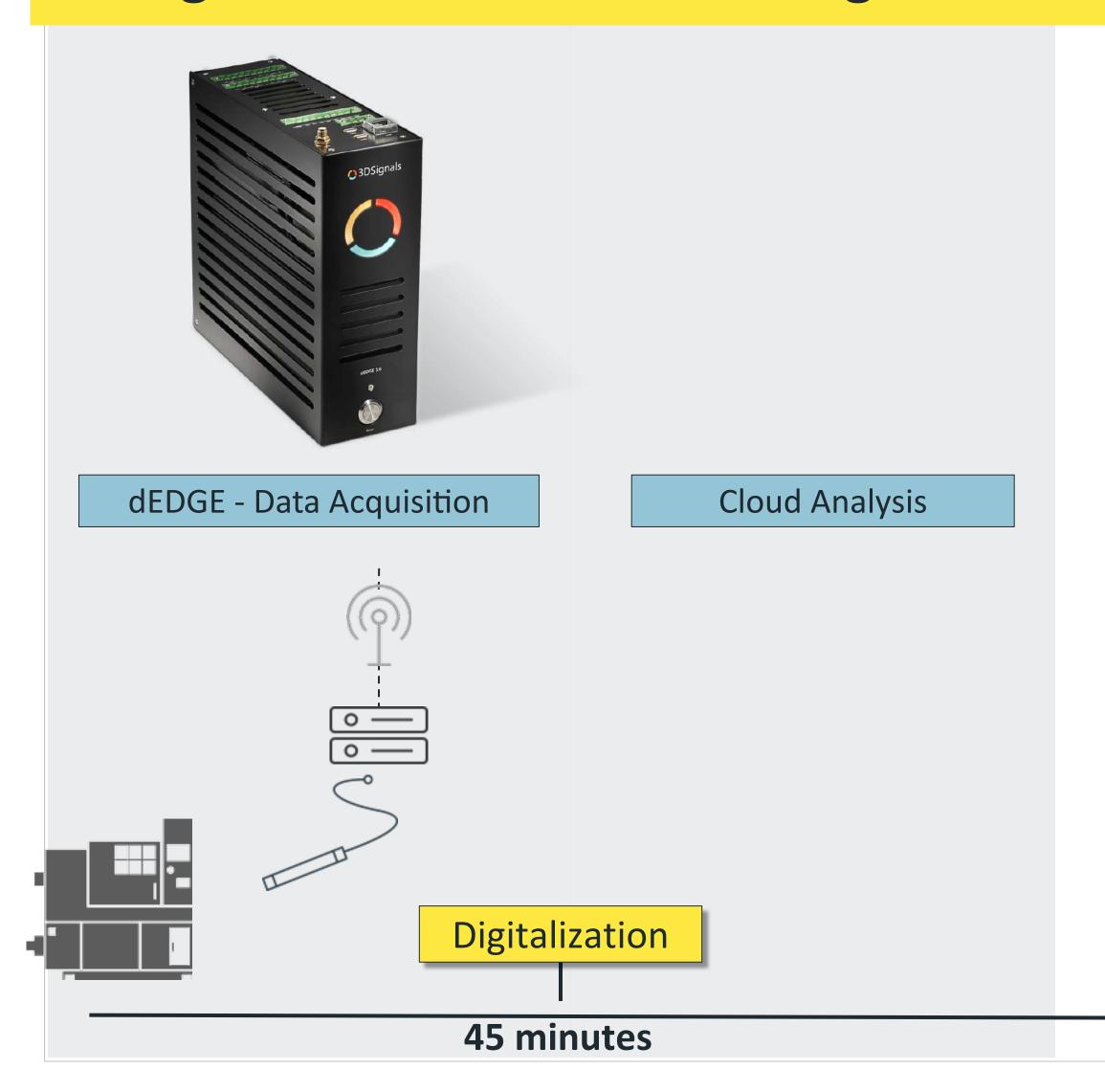


### The Result – Large Losses due to Unplanned Downtime



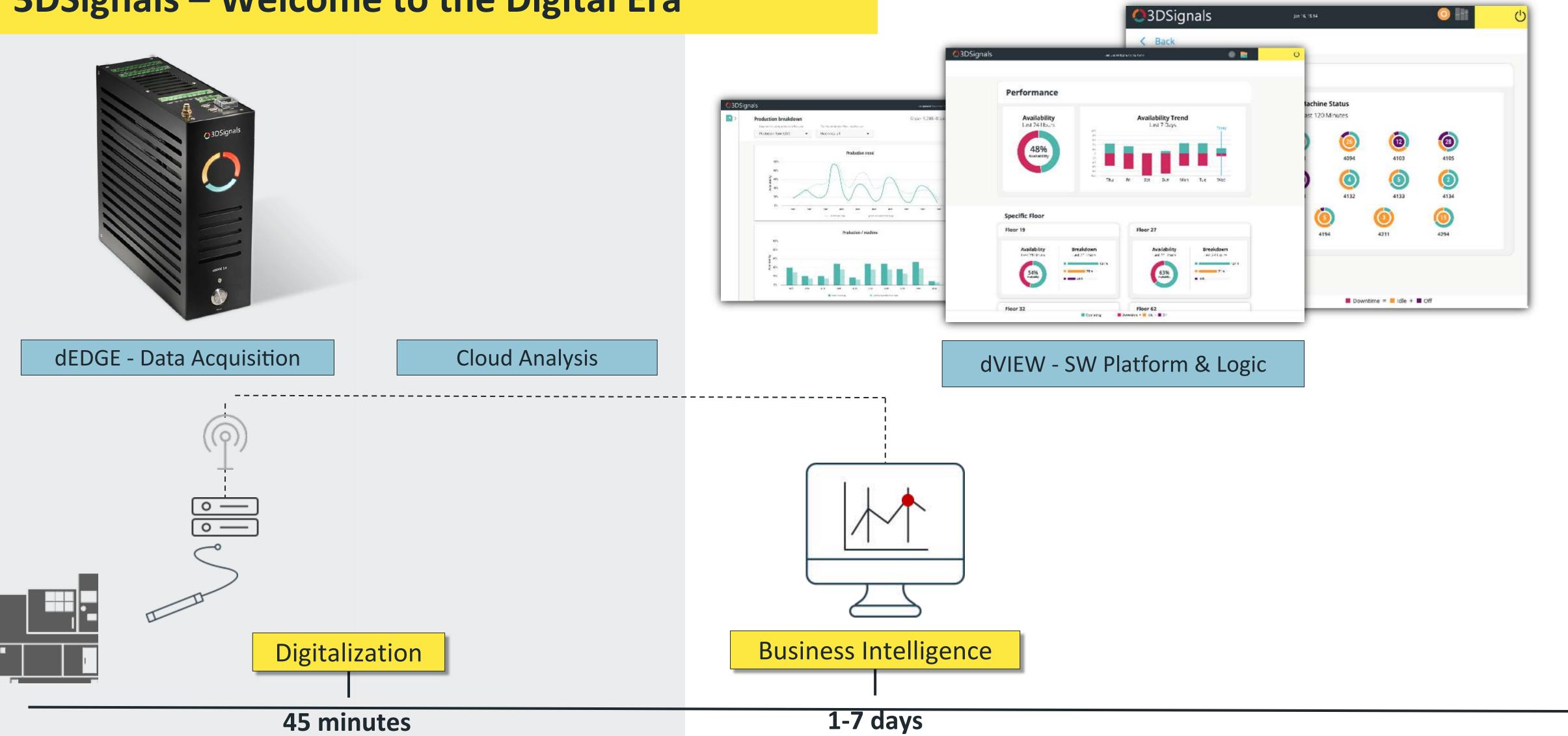


## 3DSignals – Welcome to the Digital Era





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# 3DSignals – Welcome to the Digital Era 3DSignals ■ Downtime = ■ idle + ■ Off dEDGE - Data Acquisition **Cloud Analysis** dVIEW - SW Platform & Logic **Business Intelligence** Artificial Intelligence Digitalization



2-3 months

1-7 days

45 minutes

#### **Key Advantages**



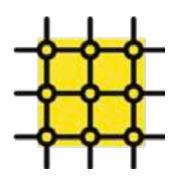
# Hassle Free

We do everything



# Fast Insights

Results within hours



# Interoperability

One dashboard for all machines



## Common Language

One dataset across the organization



### Accuracy

The sensors don't lie



# Security

No digital connectivity with machines



# **Growing Value**

New capabilities on existing hardware

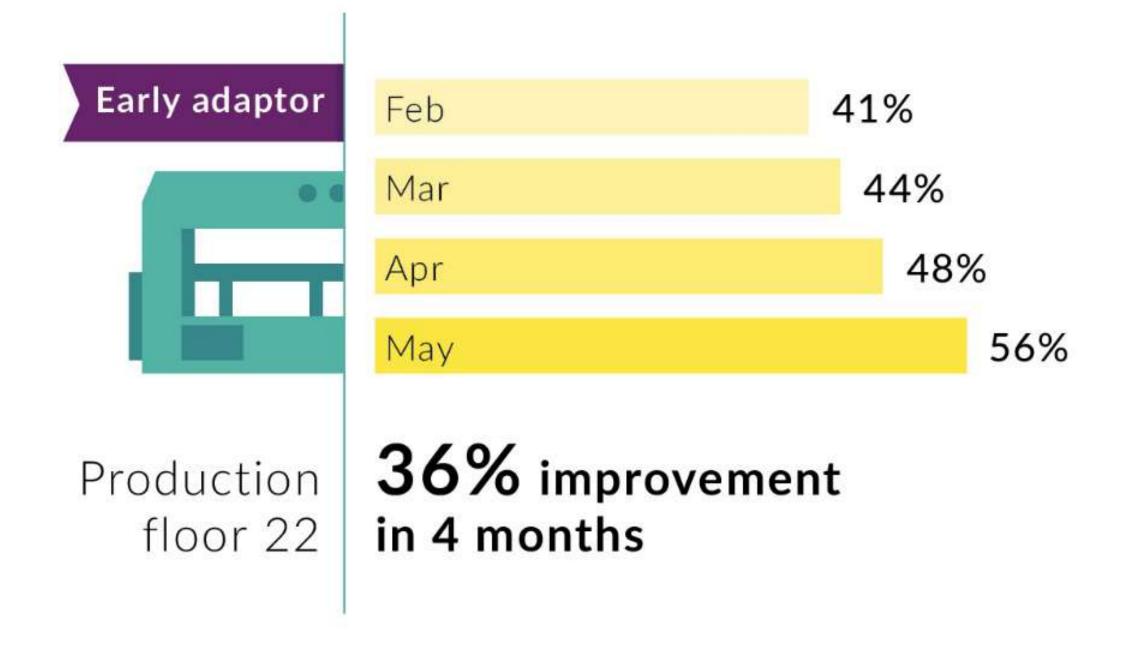


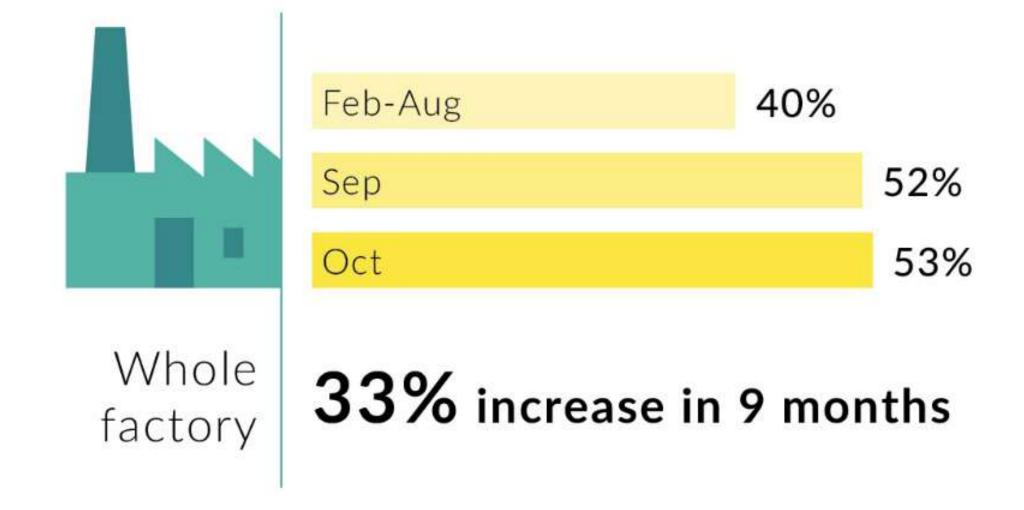
# Case Study – SamsonAG





#### **Improve Machine Availability**







#### **Reduce Manpower Costs**

Early adaptor

Production floor 22 44% reduction in planned shifts

WHOLE FACTORY SAVING ESTIMATION

€600,00Cyear





#### Reduce Energy Consumption by Preventing Machine Idle Time

AMOUNTING TO > €60,000







