



# Plug&Play AI-powered Manufacturing Execution System

Innovative MES allowing factories of all sizes to transform digitally towards Industry 4.0



Machine downtime, performance and quality issues cause factories to actualize only 50-70% of their production potential. ProwMES helps manufacturers maximize production yield with its real time tracking and AI-powered reporting & predictive capabilities.

## What is ProwMES?

ProwMES is a cloud-based MES that monitors production in real time and allows factories to realize what to improve with its smart reporting capabilities.

ProwMES also predicts quality or maintenance issues in advance by processing stream data and using AI algorithms.



## ProwMES provides:

- Smart Monitoring

Track production in real time and receive smart reporting of historical and stream data

- Predictive Maintenance

Estimate remaining useful life of equipments and prevent breakdowns

- Predictive Quality

Predict & prevent flawed production with real-time tracking, predictive alerts and root cause analysis

## Increased visibility in production line

- Monitor and control shop floor
- Eliminate downtime, performance and quality losses
- From anywhere at anytime with any device

## No initial investment

- Subscription based ProwMES requires no initial investment and no commitments
- Plug & Play ProwMES takes only a few hours to set up and do not need infrastructure investments

## Increased efficiency and profitability

- Large enterprises increase approx. 10%, SMEs increase at least 20% production yield on average in the first year
- Improve profits by reducing costs by at least 5% in the 1<sup>st</sup> year

**Increase efficiency by tracking and fixing problems**

**No need for time and resource allocation**

**15% average efficiency improve in the 1<sup>st</sup> year**

Installing ProwMES on our assembly line, enabled us to follow our production processes in real-time, and allowed us to provide effective solutions to production issues with the reports and data provided by the system. We achieved an efficiency increase of approximately 10% in a short period of time. – Yasin Yılmaz, Production Supervisor, ABB

# ProwMES deployed on Microsoft Azure allows customers to take advantage of Azure services and frees them from the need of laying any infrastructure



## ProwMES is ROI+ since day 1

- No initial investment needed and start monitoring immediately
- Even without AI-powered smart reporting and predictive capabilities, factories increase efficiency at least 2% in month 1



## Setup in a few hours, scale when you want

- Plug & Play installation with Azure
- Start small and scale as you wish whenever you want
- Make use of Azure services such as Stream Analytics

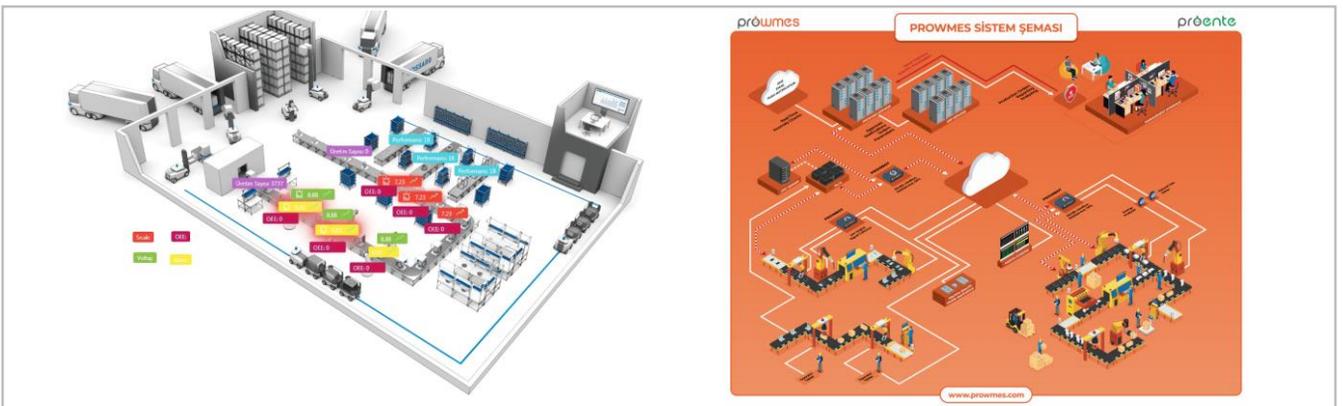
## Take your manufacturing to the next level with ProwMES

### Our promise to you

Perfect monitoring of shop floor in every aspect and smartening production processes with AI

### An offer to get you started

- Start small with just 200\$ / month
- Make high returns on your investment
- Unsubscribe anytime but no one ever did before 😊



## Tangible Benefits

- Min 10% efficiency increase in the first three months
- Min 85% accuracy in predicting quality issues after AI deployment
- ROI+ since day 1

## Why Proente?

As Proente, we have been providing automation, data tracking, and artificial intelligence products & services since 2013 to help manufacturers increase their productivity. Our dream was to transform what is available on the market; make it better and accessible for enterprises of all sizes. We have been very successful with our vision, as many SMEs and S&P500 companies are using our products. We are on our way to disrupt the industry by standardizing our products in all factories and change how manufacturers operate.