# TH NGTRAX
Connected Manfacturing

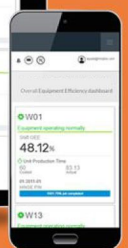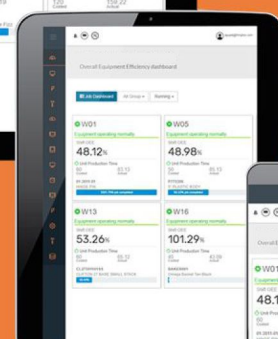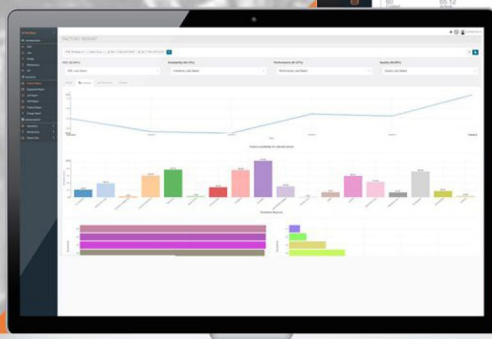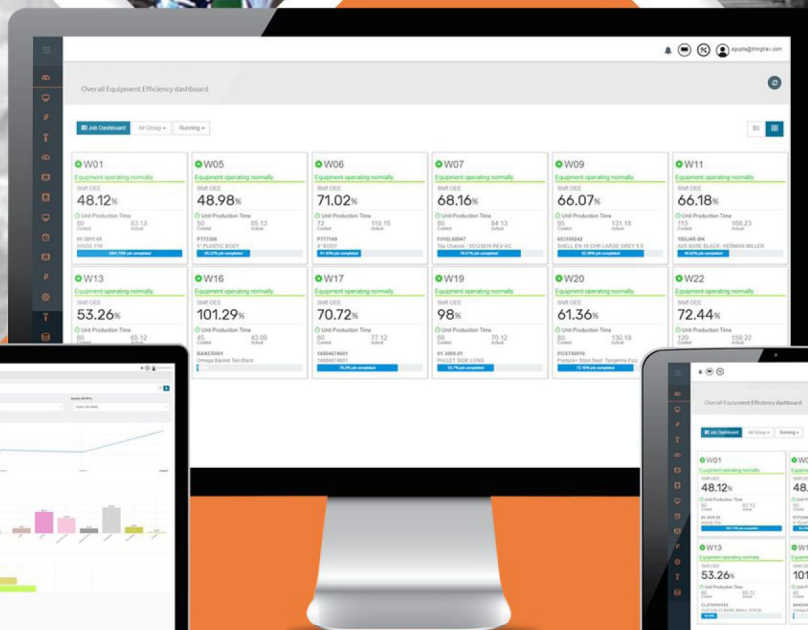# SMART MANUFACTURING SOLUTIONS

## CAPTURE | ANALYSE | ALERT

**35%**
reduction in maintenance costs

**40%**
increased in overall equipment effectiveness

**70%**
reduction in machine downtime

# Get going in three easy steps

## Capture

Device installation and setup in an hour

Wireless Technology
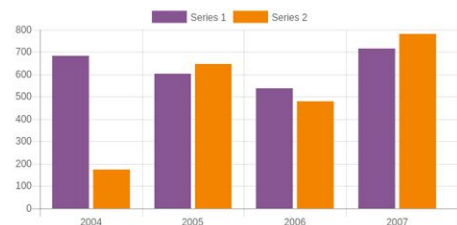
Compatible with all Machines

## Analyze

Analyze Downtimes

Production Insights

Energy Usage Analysis

-All powered by machine learning and AI

## Act

Get Actionable Insights

Increase Efficiency

Save Energy

# THINGTRAX

## Real Time Monitoring

ThingTrax is a complete solution for tracking real-time data from new and old machines. Our plug and play device is compatible with machines that have PLCs, PIDs or even retro machines without any controllers using electric signals. Typical device setup time on a machine is under an hour.

## Scheduling

Factories produce hundreds and sometimes thousands of product varieties. Given that only certain machines can produce certain products and certain labor is trained on certain machines, a planner typically deals with tho sands of possible permutations. Our smart factory solution, solves the problem by helping the planner, automatically schedule jobs on the right machines, enabling the manufacturer to take more orders per machine per month.

## Quality Control

Manufacturers often struggle to deliver orders on time. Quite often, quality issues are detected after thousands of products have been produced. Sometimes these are not detected at all which results in customer dissatisfaction. Our smart tracking solution keeps an eye on quality by using state of the art Machine Vision technology which sends an alert as soon as quality issues are detected.

## Operator Tracking

ThingTrax has a useful Operator tracking feature which allows you to keep track of an operator's performance and working hours which can be integrated with payroll timesheets.

# THINGTRAX

## Machine and Tool Maintenance

ThingTrax not only helps increase the overall productivity but also provides valuable insight into a machine's health. It sends instant notification if a machine is broken or is not performing at its optimum capacity. ThingTrax keeps track of repairs and alerts you when maintenance is due.

## Energy Monitoring

ThingTrax smart energy device keeps tracks of machine energy data. This data is analysed in real-time to generate actionable insights to achieve energy efficiency. Detailed energy reporting ensures that you get the data you need to take preventative measures to be energy complaint and efficient.

## Integration with ERP

ThingTrax integrates with a variety of ERP systems including SAP, Epicore, Dynamics AX and Office 365. We provide tailored integration solutions in case you are using a bespoke ERP system.

## Our clients accross the world

RPC GROUP

LUR

MGS TECHNICAL PLASTICS

MAINETTI Retail Solutions Worldwide

RGE GROUP

AC Plastics Ltd Precision Injection Moulding

+GF+