



Manual Assembly  
Live Monitoring  
Rapid Response  
Actionable Insights  
Visible Anywhere

#### MISSION

To advance the way businesses define and deliver continuous improvement

#### VISION

To connect organisations with actionable insights that empower them to deliver positive change

#### ABOUT US

KyzenTree Technologies combines lean-sigma and technology expertise to deliver real-time, information-driven solutions.

Our innovative technology, KT-Pulse, enables manufacturing companies to measure productivity in manual assembly operations much more effectively & efficiently than traditional, paper-based systems. It is highly configurable, flexible & easy-to-use, making it adaptable to any manufacturing environment.

The system maintains a precise, real-time view of manufacturing performance, prompting faster resolution of issues whilst also pin pointing where improvement activity should be focused. All of this without the need for monotonous number crunching or report generation, which helps to reduce manufacturing costs and to improve customer service.

For companies who are looking to kick-start their continuous improvement journey or for those looking to bring it to the next level, lean-sigma training & consultancy services can also be provided in a package tailored to individual customer needs.



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**uncover**  
the hidden factory

*transform the productivity of  
manual assembly operations*

# FEATURES



## HIGHLY CONFIGURABLE

KT-Pulse can be configured for any manual assembly production environment. Our cloud-based technology enables changes to be implemented in a matter of minutes. The only purpose-built system for manual assembly on the market



## AUTOMATED REPORTING

Data is collated and trended automatically as each new event is logged. This keeps everybody up-to-date on live issues and trends, regardless of where they are located. The slow and cumbersome process of data collation is also eliminated



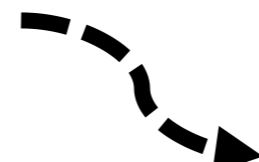
## REAL-TIME ACTIONABLE INSIGHTS

All events are logged quickly and easily in real-time, giving a precise breakdown of productive and non-productive activity. Armed with this information, support teams can focus on addressing the most critical items much more quickly

# HOW IT WORKS

## 1. CAPTURE

GOOD UNITS, REWORK, REJECTS, DOWNTIME AND CHANGEOVER EVENTS ARE LOGGED WITH SIMPLE TOUCHSCREEN COMMANDS



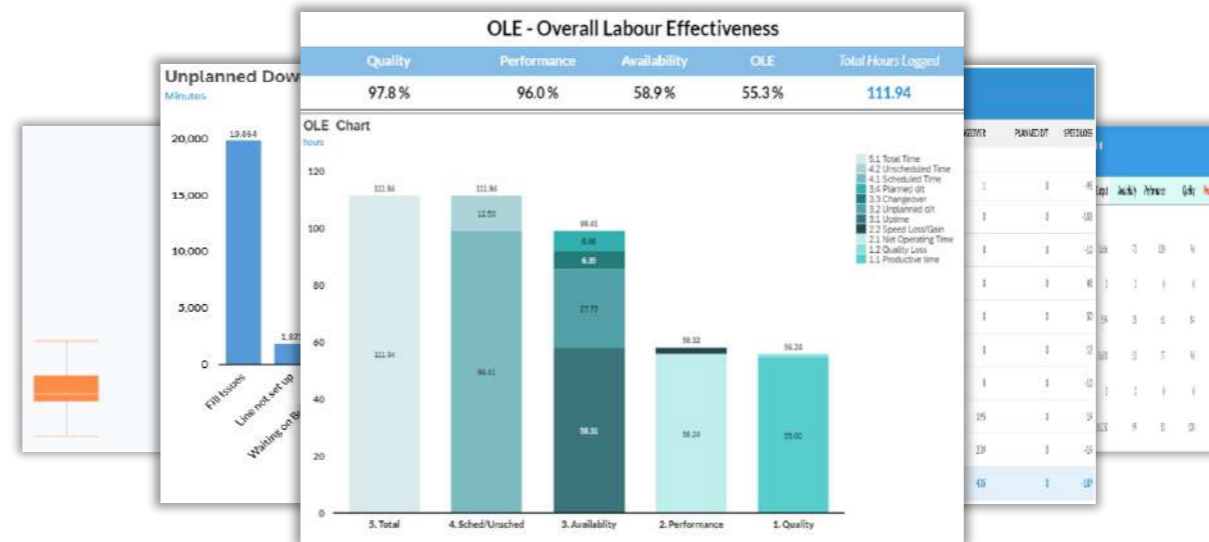
## 2. STORE

ALL LOGGED EVENTS ARE STORED IN THE DATABASE WHERE OUR PROPRIETARY ALGORITHMS AGGREGATE THE DATA



## 3. VISUALISE

THE DASHBOARDS ARE CONTINUOUSLY UPDATED PROVIDING A REAL-TIME STATUS TO ALL STAKEHOLDERS



BUILT USING SAP HANA AND SAP ANALYTICS CLOUD TECHNOLOGY

# BENEFITS



## REDUCED COSTS

People, Equipment and Material utilisation are increased by eliminating the biggest causes of downtime and quality losses. This in turn reduces operating costs and increases profitability



## IMPROVED EFFICIENCY

With automated data collation, support teams are freed up to respond to issues more quickly. The impact of critical quality and downtime issues are reduced and more adequate time is given to focusing on high value improvement activity



## VISIBLE & SECURE

Real-time performance is reviewed via a web browser, keeping all stakeholders informed. Data is stored in SAP HANA and viewed via SAP Analytics Cloud for maximum security

# IMPLEMENTATION



**CONTRACT**



**SET-UP\***



**GO**

\* Lean Business Ireland grant aid may be eligible to cover some of the training costs.