

MEDICAL DEVICE MANUFACTURING

Visual Factory Solution

Real-time KPI visibility, faster decision-making and measurable operational improvement.


+7%

overall
efficiency


+5%

increased
output


200%+

ROI
delivered



**Reduced KPI
reporting burden**

less time spent capturing,
collating and reporting KPIs



THE CHALLENGE

A large 24/7 medical device manufacturing facility in Co. Cork needed transparent, real-time visibility of operational metrics across multiple data sources — including ERP, MES, energy and automation systems.

The objective was to improve manufacturing efficiency and give operations, management and support teams actionable information at asset, value stream and site level.



THE SOLUTION

Dataworks designed and implemented an ICONICS-based Visual Factory solution. The dashboard gave teams live KPI visibility against targets, real-time alerts and cross-platform access across production screens, desktop web clients and mobile devices.



CLIENT IMPACT

"The Visual Factory solution was the key enabler in achieving significant operational improvements. We now have a real-time view of our KPIs, empowering teams to make immediate fact-based decisions."

Operations Manager

CORE BUSINESS BENEFITS



Operational performance

- ✓ Increased efficiency
- ✓ Improved output
- ✓ Increased equipment utilisation
- ✓ Increased schedule attainment



Quality and waste reduction

- ✓ Reduced scrap across the value stream
- ✓ Reduced WIP
- ✓ Reduced non-conformances and corrective actions



Visibility and continuous improvement

- ✓ Real-time KPI visibility at asset, value stream and site level
- ✓ Huge reductions in KPI reporting time
- ✓ Empowered operations staff
- ✓ Fostering a continuous improvement culture

DATA SOURCES



ERP



MES



Energy



Automation

TECHNOLOGY DELIVERED

ICONICS technology stack including BridgeWorX ETL, AssetWorX, GraphWorX, KPIWorX, WebHMI, MobileHMI and AnyGlass.