

# Combined SCADA & MES

Full Stack OT Platforms
Explained

### What is SCADA?

- Data Acquisition
- Data Presentation
- Data Communication
- Machine Control





### What is MES?

- Production order management, scheduling, & resource allocation
- Document control, track & trace,
   & quality management
- Production data collection, processing, & analysis
- Maintenance & inventory management
- Reporting & data visualisation

# Full Stack OT Platforms

#### ERP

Business Planning & Logistic

#### MES / MOM

Production Execution & Tracking

#### SCADA + HMI

Supervisory Control, Historian, Monitoring & Machine Control

#### MACHINES / PROCESS

PLC's, DCS, Actuators, Sensors, Field Devices, etc

# Combined MES / SCADA Solutions

Bridge the gap between IT and OT

Eliminate functionality overlaps

Enhance audit trail compliance

Optimise production analytics

Simplify complex processes

**Retain** SCADA functionality

**Support** modern protocols

Increase cloud integration

**Enable** full connectivity

**Improve** OEE

Reduce costs

## **Solution example**

Ignition SCADA with MES functionality

Ignition

