Platform360 is the common service layer, enabling numerous IoT analytics & applications

Platform360 Features

Application enablement
- Rule engine & event management
- Integration API for IoT applications
- Endpoint specific API / SDK
- Device shadowing management
- Integrated development environment

Data aggregation & storage
- Support of multimodal DB
- Inbound stream data
- Remote data sync
- Storage scaling

Connectivity management
- Device management
- Multiple device connection and messaging format
- Secured authentication
- Network monitoring
Assembly Management Solution

Solution For Assembly Operations
Monitoring manufacturing quality in assembly

- Ensuring quality in assembly operations
- Hardware set-up, incl. new PLCs & Human-Machine Interfaces (HMIs)
- Audio-visual worker assistant systems in assembly
- Open protocol platform

Quality Reports

- The index indicates whether the process is capable of producing within specification and is also an indicator of the ability of the process to adhere to the target specification.
- CPK Reports enable to analyze all defined processes and faults during assembly line.

Human Machine Interface

- Traceability of products inside factory
  - Tracking operations on products continuously
  - Use Technologies such as; RFID, PLC, reflector, Barcode and SCADA system integration

- Management of assembly assets
  - Open Protocol Torque Wrench Support
  - Managing torque value on wrenches according to specs
  - Collects and transfers assembly sensor values such as torque and angle of assembly
  - Increasing manufacturing quality with visual aids and audio warnings
  - Stops assembly line in case of emergency
  - Reports assembly information

Worker Guideline

- Accountability
  - Creating accountable employees delivers numerous benefits to the company; superior execution, lower employee turnover, and more creativity and innovation.

- Consistent measurement of performance
  - Operators are empowered and engaged when they are able to view and understand their performance metrics in a real-time feed.
Panel Identification

- In the panel identification screen, the panel information can be used to define the barcode reader, body tracking information and authorization options connected to the panel.
- Panel codes are used in the process of device identifications and reports.

Traceability

- Platform 360 improves real time traceability throughout the assembly process of any production lines.
- Each process of any selected individual can be tracked by location and ID code.
- Platform enables to utilize process time, required improvements and determining detentions.

Defect Reporting

- Through part identifications, assembly line operators are able to notify any defects on productions.
- On the platform, quantity and location of defects can be analyzed and turn into quality reports for improvements.
About

KoçDigital is Turkey’s leading Internet of Things and advanced analytics company operating as a wholly-owned subsidiary of KoçSistem and growing with the resources and support of Boston Consulting Group (BCG), one of the world’s leading management consulting companies.

KoçDigital aims to improve the technological competencies of organizations add qualifications to the workforce of companies from different sectors, while delivering them technology solutions focused on data analytics and the Internet Of Things. Continuing to deploy successful projects in automotive, energy, finance, consumer and retail sectors in particular, the Company also strengthens the Turkey's position in technology arena. KoçDigital acts towards the goal of becoming a leading technology company not only in Turkey but throughout the region.

KoçDigital Academy, which is part of KoçDigital, assumes the mission of developing the digital competencies of the employees of KoçDigital and its customers.

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