



Industry Notification - Smart Manufacturing Industry

Delta IIoT Data Collection Solution

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Introduction

Delta IIoT Data Collection Solution connects equipment and collects the operational data to generate the insights for enhancing production operation and decision making. The solution is also capable of remote monitoring, real-time alarms, and coordinated control of multiple equipment.

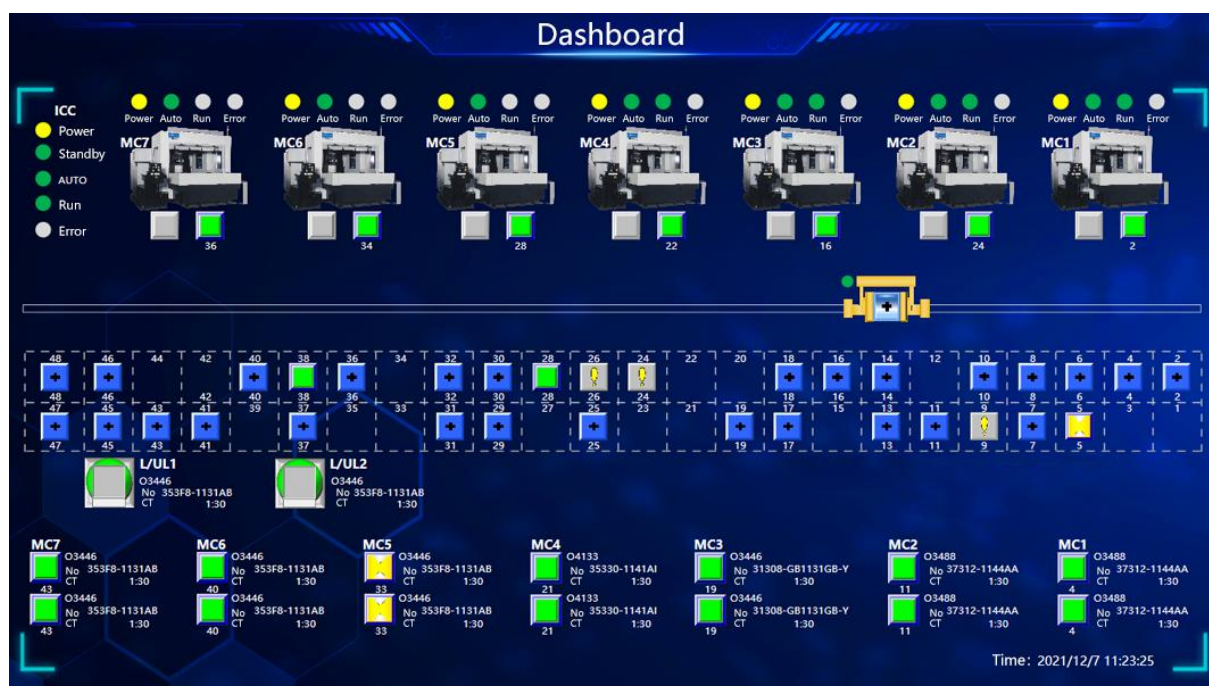
Principle

• Data Collection

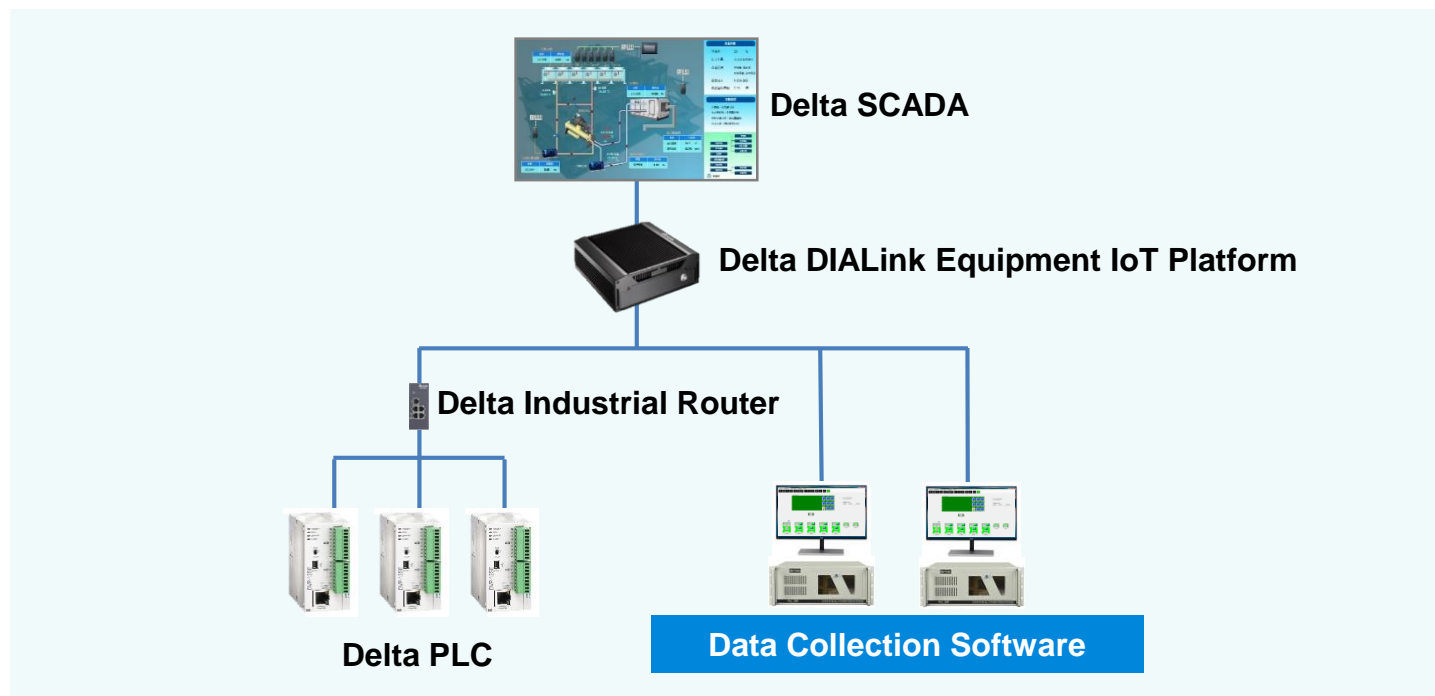
In terms of PLCs with common standard communication interfaces, the solution collects data directly through DIALink Equipment IoT Platform; With the special software communication protocol of PC-based devices, the data can be collected by the customized software and converted into virtual Modbus Slave data.

• Data Presentation

Process and present SCADA data with extensive pixels and scripts of Delta's SCADA.



Solution Architecture



Features and Advantages

Supports Multiple Communications

- DIALink Equipment IoT Platform supports multiple PLC communication protocols and offers stable and reliable communication.
- Simple operation and user-friendly configuration interface.
- Supports configuration from web browsers for remote operation.

Easy Networking for Fast & Stable Communications

- Delta offers wide range of series / models of industrial routers for easy networking and fast and stable communications.

Extensive Elements and Supports Scripts for Advanced Requirements

- Delta's SCADA has extensive graph elements for easy screen design.
- Support VBScript language to meet advanced requirements; Supports recipes and multi-type database storage.

Customized Software for Special Protocol Adaptions

- Adapts to the special communication protocols of PC-based devices with the tailor-made software.
- Capable of converting data into virtual Modbus Slave to provide Modbus protocol.

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