



Achieve safe remote monitoring

Customer problems / pain points addressed

This customer had a problem with collecting data in SQL. They had 3 components, 1)PLC, 2)HMI, and 3)IPC, for software to measure and analyze the smoke structure and dust counter.

Requirements

- Collect data to SQL database
- Simplified architecture
- Add remote maintenance capability with security

Solution

- Connectivity: IT (SQL), OT (PLC and Gas/dust detectors)
- Expandability: 3 x COM for OT connection, and 2x SDD for RAID (Secure collected data)
- Visualization: Visualize status and analyzed data with Industrial Graphics
- Remote Monitoring: Secure connection with Cybersecurity

Key Figures

High Flexibility

Development time

30%
down

Collect data to SQL directly and use BOS to have Industrial Graphics

Simple Visibility

Data management efficiency

20%
UP

Controlling the whole system from one place

Strong Reliability

Maintenance time

25%
down

Safety system with RAID and McAfee

DCS System



Strong Reliability

Remote Monitoring:
Secure connection with
Cybersecurity
(Pro-face Connect)

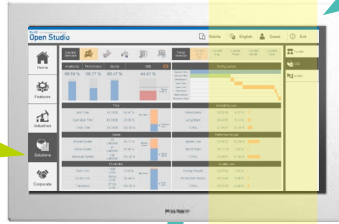
Simple Visibility

Visualization:
Visualize status and analyzed
data with Industrial Graphics
(BLUE Open Studio)

BLUE Line Management Lite SCADA
Open Studio

Strong Reliability

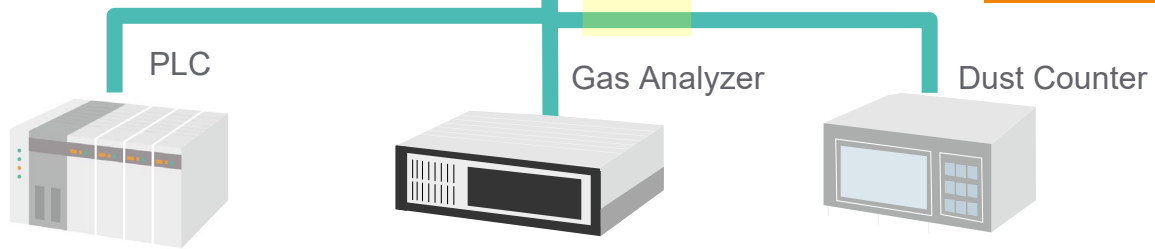
Secure collected data :
2 x SDD for RAID and
McAfee



High Flexibility

Expandability:
3 x COM for OT connection

2 x RS-232C Isolated
(mPCIe Options)



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