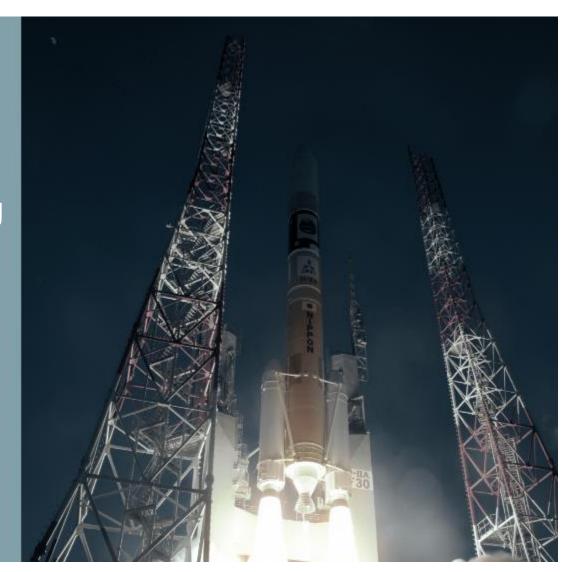
PRODUCTION DEPT.

Topic
Production Monitoring
System by IIOT





ROBOT-LINE



The robot line consists of 3 press machines and 4 picking robots. The control system is divided into The system of the Press machine and the system of the Robot and will have a Master PLC as the main body to process data. By connecting all machines and robots will be connected via CC-LINK, collecting data on machine and robot operations. and display the working status through the HMI screen





- 1.set up time
- 2.operating time
- 3.machine Breakdown
- 4.production quality
- 5.machine alarm (ERROR code)
- 6.Lost time



Use the information obtained to analyze and correct lost time in process to improve and make the production line work at full efficiency.

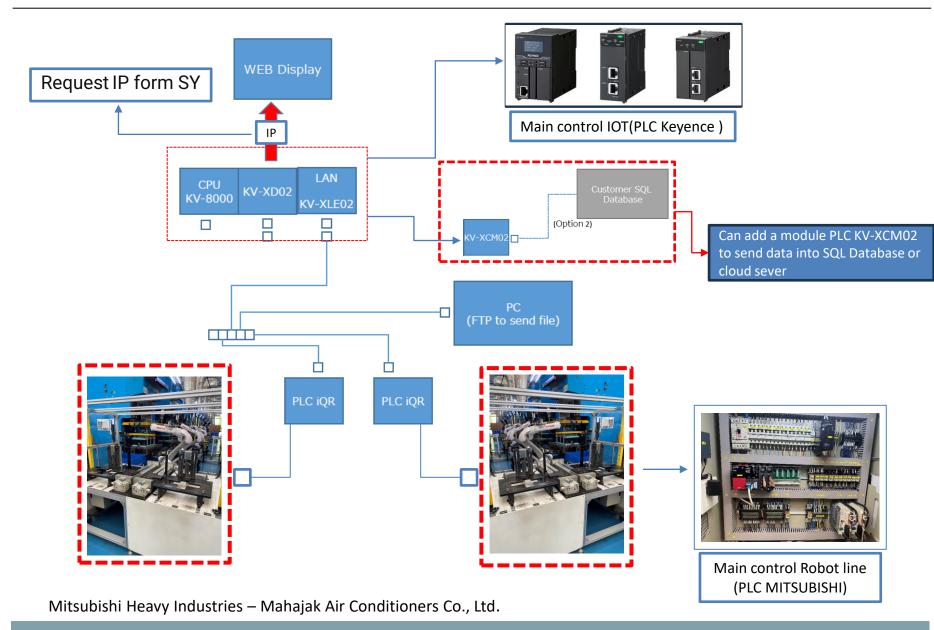
CONCEPT



- To Store data in cloud or local software (store data in SD card in PLC) PLC gather data from machines and send to PC (by FTP Function)
- To get datafrom3 robot and 3 Press machine by PLC LINK of MITSUBISHI IQ-R(2plc)
- To monitor data on local Web browser by IP Address











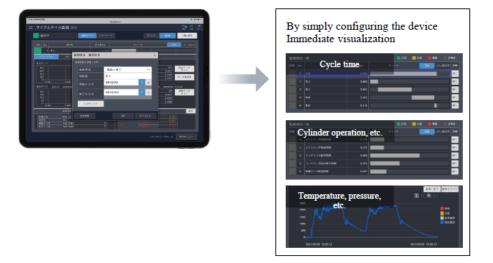
Variations/historical trends can be checked immediately [History table]



Set all thresholds with one switch [Set all automatically]



Setting without using PLC software [WEB Browser Settings]



Skill up



Dashboard



