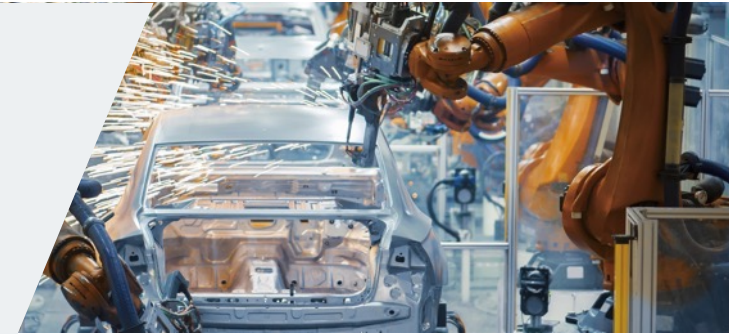


Customer challenges

- Learning printer languages to program PLC.
- Reprogramming the PLC every time you change or add command.
- Stopping the line every time you change label format.



Print labels directly from the PLC to SATO printers upon completion of a workpiece.

✓ Improve printing productivity in any line that uses PLC

Using the PLC with AEP makes it possible for the same printing application to be **easily implemented** at any manufacturing plants.

✓ Flexible and speedy deployment

Our AEP solution handles label template data so that PLC engineers don't need to program the PLC for label printing using printer programming languages.

✓ Cuts programming time by half, saving costs as well

Engineers spend less time on PLC programming, which helps **save cost** for the business.

✓ Support the printing of RFID labels

For this customer, we introduced our AEP solution using the CL4NX Plus and CT4-LX label printer. With AEP, label templates can be saved in the printer so that only variable data needs to be sent from the PLC (as comma-separated text files) for label printing.



Benefits of AEP



PC-less



Cost saving



Connect printer directly to system



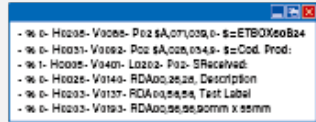
Easy to implement

BEFORE



Study & create print string

Label templates+Variable data



Integrate print string into PLC programming

Trigger printing

PLC

Label templates + Variable data



Print label

40hours

to develop print string for PLC programming

AFTER

Variable data



PLC programming

Trigger printing

PLC

Status request

STX+"ONLINE"+ETX STX+"ERROR"+ETX
 STX+"OFFLINE"+ETX STX+"DATAERROR"+ETX
 STX+"PRINTING"+ETX STX+"OTHERS"+ETX etc...
 STX+"SETTINGS"+ETX

Variable data



Label templates



Print label

20hours

12 hrs for PLC programming
 8 hrs for AEP configuration

Reduced by

50%

*All numbers based on internal calculations

Please contact us for further information



[CLICK HERE To watch the video](#)

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