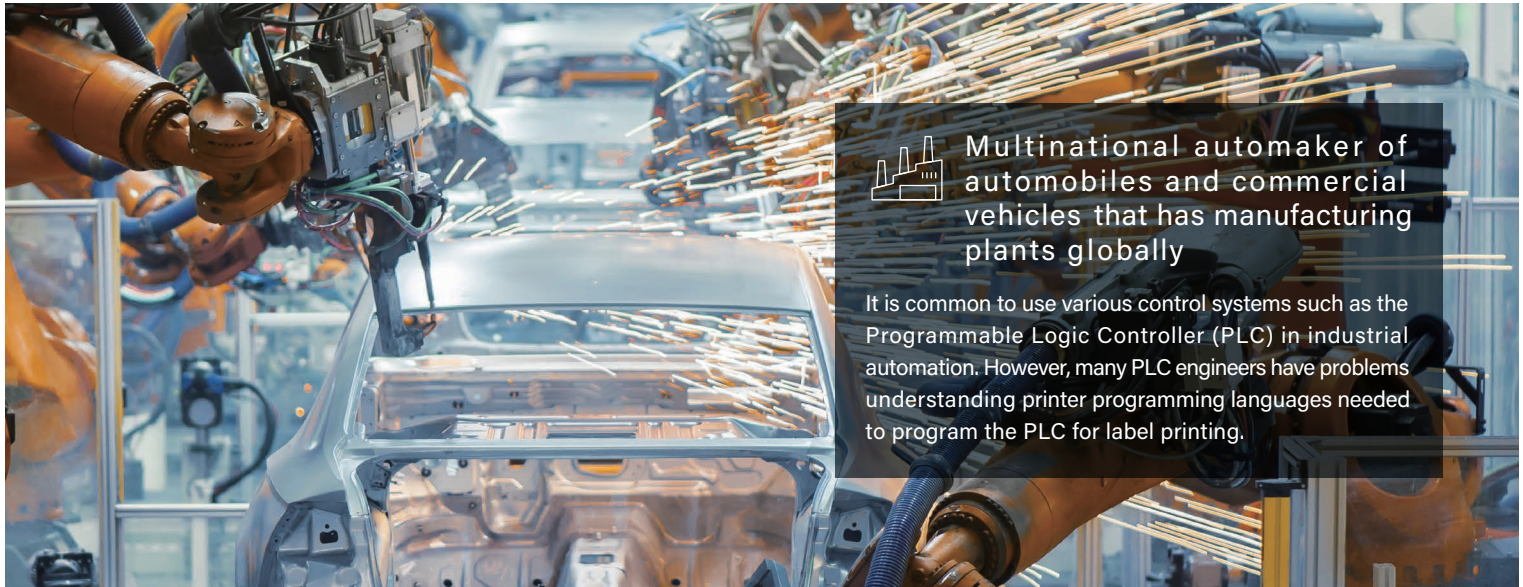


Manufacturing (automotive assembly)

# Versatile Label Printing from PLC



Multinational automaker of automobiles and commercial vehicles that has manufacturing plants globally

It is common to use various control systems such as the Programmable Logic Controller (PLC) in industrial automation. However, many PLC engineers have problems understanding printer programming languages needed to program the PLC for label printing.

## ❗ Customer challenges

### - Long lead time

It takes time to learn printer programming languages to integrate label printing with the PLC.

### - Limited flexibility

Whenever there are modifications or additions to label templates, engineers have to reprogram the PLC with new printer commands.

### - Low productivity

There is a need to maintain individual printer programming code for different label formatting.

# AEP solution with CL4NX to simplify label printing

For this customer, we introduced our AEP solution using the CL4NX 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.



CL4NX

## Benefits of AEP



PC-less



Cost saving



Connect printer directly to system



Easy to implement

# Customer Values

## ✓ Increase productivity

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

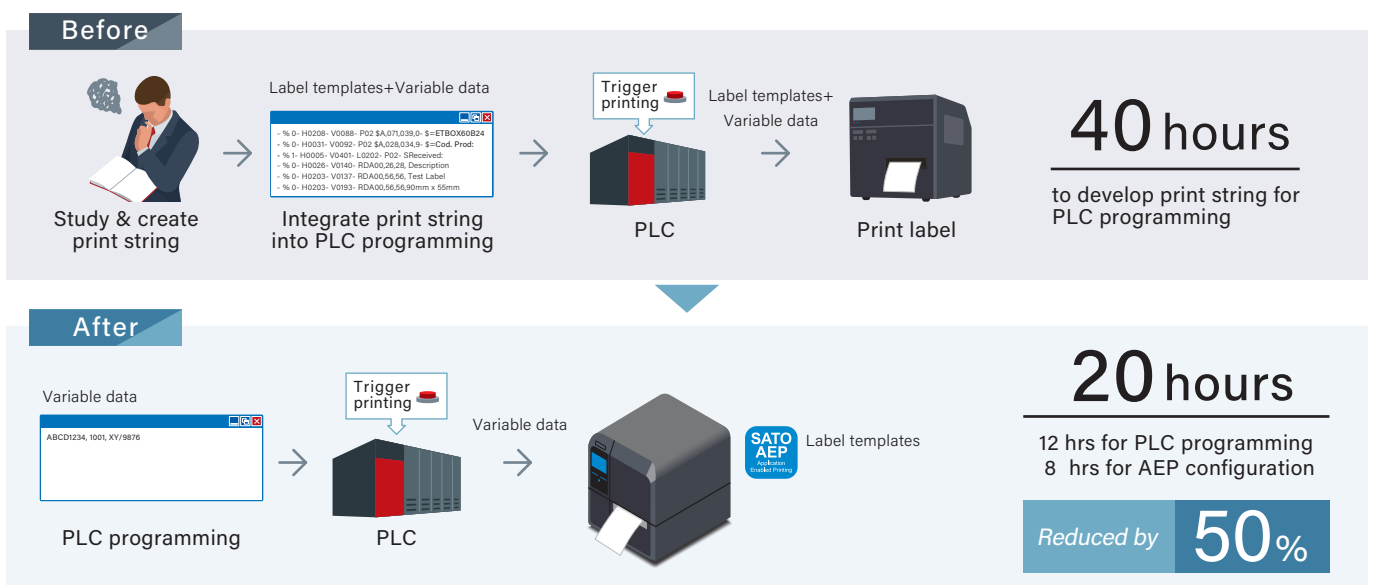


## ✓ Improve flexibility and speed of deployment

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

## ✓ Achieve cost reduction

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



\*All numbers based on internal calculations

## + SATO Online Services



### IoT preventative maintenance

SOS is a service that makes use of IoT to monitor SATO printers at customer sites 24/7 and enable proactive servicing before issues become critical. By keeping constant watch on printer status, SOS notifies operator when an expendable part needs replacement, and offers prompt and effective resolution to problems, reducing downtime significantly.

Downtime due to printer errors cut by

**86%**

\*Based on in-house estimates

Video



All information in this leaflet is accurate as of 2019 December.

Product specifications are subject to change without notice.

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