

PDF Direct Print



Why PDF Direct Print?

PDF, or 'portable document file', is a widely used file format throughout many core IT systems including ERP, MES and WMS, as well as in OS and onboard PCs used in factories.

Printing PDF data on to a label traditionally requires a printer driver or custom-built software to convert the data into a graphic, image or dataflow, creating a longer process that can harm efficiency across the supply chain. However, there is technology that can remove this roadblock.

WHAT IS PDF DIRECT PRINT?

PDF Direct Print offers a new and more effective way of working. It is an integrated printer software that enables SATO printers to directly print PDF data generated in other systems, to ultimately reduce errors and the associated loss of time and resources, while improving operational productivity.

PDF

Printer

Printed Label



Features



▶ Multilingual fonts and typefaces

PDF Direct Print supports all languages available in PDF and uses fonts embedded in the PDF file to prevent text garbling



▶ PC-less Printing

PDF Direct Print resides in the printer memory and processes data internally - saving cost, space and time by eliminating the need to manage additional devices



▶ Page Splitting

Divides one pdf page into multiple labels



▶ Layout Adjustment

Enables quick and easy changes to the orientation of data and the avoidance of any blank spaces



▶ High Speed and Quality

PDF Direct Print generates clear and precise fonts and barcodes and controls colour density alongside a high-speed internal processor to ensure high and consistent throughput



▶ Multiple Interfaces

PDF Direct Print supports every commonly used printer communication interface, including Wireless LAN, USB and Bluetooth, enabling flexible use across any business environment



▶ Cutter Options

Coming Soon - Users can specify how many labels to cut out from a single data. A feature that works alongside the page splitting function to enable versatile operations



▶ SATO AEP

SATO AEP (Application Enabled Printing) enables more sophisticated operations through the use of API

CL4NX PLUS

CL4NX



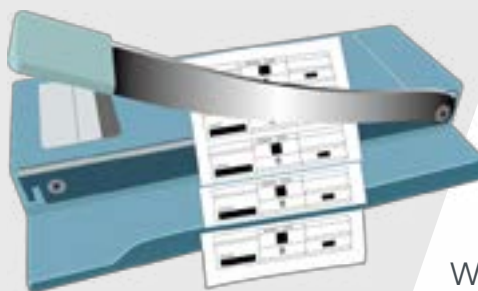
Supported models

Case Studies

AUTOMOBILE

Vehicle ID Tags for Auto Parts Manufacturer

The factory had always printed out the automaker's ID tag template on a laser printer. As a single page has four tags, operators would cut them apart manually.



With SATO's CL4NX and PDF Direct Print, the factory now splits the PDF data into individual tags, and rotates the orientation to optimize tag output. By automating this process, manual work is no longer required.

Saved work time by 60%

CL6NX

CT4-LX



Supported models

RETAIL

Logistics Labels for Omni-channel Retailer

Company A uses an ERP system of a major provider, and its retail outlets had to process the data generated in the ERP system to make shipping labels. They were looking for a way to print labels directly from the system's data.



Retail outlets installed SATO's CT4-LX printer with PDF Direct Print, which let them print PDF data as it was generated in the ERP system. This PC-less operation reduced cost, space and labor to manage and maintain PCs and peripheral devices.

Reduced TCO (TCO: Total Cost of Ownership)



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