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 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 functionality
To divide information across multiple labels

The layout adjustment feature
Enables quick and easy changes to the orientation of data and the avoidance of any blank spaces

High speed and quality
Direct Print software generates clear and precise fonts and barcodes and control 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 item of data, a feature that works alongside the page splitting function to enable versatile operations

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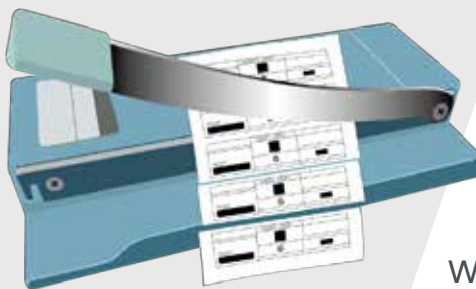SATO AEP (Application Enabled Printing) enables more sophisticated operations through the use of API

Supported models

Case Studies

AUTOMOBILE

Vehicle ID tags
Factory of an auto parts manufacturer

The factory had always printed out the automaker's ID tag's 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. The process was automated, no longer requiring manual work.

Saved work time by 60%

RETAIL

Logistics labels 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

PDF Direct Print

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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