Keeping Your Business Moving and Connected
STARTING WHERE YOU ARE

THERMAL PRINTING • RFID • SERVICE • MEDIA • LASER PRINTING

SATO Global Network

SWEDEN
POLAND
GERMANY
SWITZERLAND
THE NETHERLANDS
UK
RUSSIA
FRANCE
SPAIN
CHINA
JAPAN
INDIA
SOUTH KOREA
TAIWAN
VIETNAM
THE PHILIPPINES
ITALY
THAILAND
MALAYSIA
SINGAPORE
INDONESIA
AUSTRALIA
NEW ZEALAND
U.S.
MEXICO
BRAZIL
ARGENTINA

SATO Group Presence

We derive the best solution for each unique site

With offices located in 27 countries/regions across the globe, SATO is represented globally through a world-class network of partners in more than 90 countries.

TABLE OF CONTENTS

Industrial Printers

Trusted dependability for 24/7 mission critical operations, SATO's industrial barcode printers are the hallmark of printing solutions for harsh environments and applications.

CL4NX Plus Series

- **Full color interactive LCD with Intuitive Menu Navigation**
- **On-board Help Videos**
- **Tool-less Maintenance**
- **10-inch media supply and 600m ribbon supported**
- **RFID Ready (UHF & HF)**
- **Smart Print Head and Pure Line Platen Roller**
- **Micro Label Print Mode**
- **Device management with SATO Online Services (SOS) and SATO App Storage (SAS)**

	203 DPI	305 DPI	609 DPI
PRINT METHOD	Direct/Thermal Transfer		
PRINTING SPEED	Up to 14 ips	Up to 14 ips	Up to 6 ips
MAX PRINT WIDTH	4.1"		
MAX PRINT LENGTH	98.42"	59.05"	15.75"
DIMENSIONS	10.67" (W) x 18" (D) x 12.64" (H)		
WEIGHT	33.28 lbs.		

CL6NX Plus Series

- **Full color interactive LCD with Intuitive Menu Navigation**
- **On-board Help Videos**
- **Tool-less Maintenance**
- **8.6-inch media supply and 600m ribbon supported**
- **RFID Ready (UHF only)**
- **Smart Print Head and Pure Line Platen Roller**
- **Platen Roller**
- **Micro Label Print Mode**
- **Device management with SATO Online Services (SOS) and SATO App Storage (SAS)**

	203 DPI	305 DPI
PRINT METHOD	Direct/Thermal Transfer	
PRINTING SPEED	Up to 10 ips	Up to 8 ips
MAX PRINT WIDTH	6.5"	
MAX PRINT LENGTH	98.43"	59.06"
DIMENSIONS	13.31" (W) x 17.99" (D) x 12.64" (H)	
WEIGHT	44.75 lbs.	

CLNX PLUS ACCESSORIES

RWG500

- **Face-In/Face-Out rewind option**
- **Up to 15 ips with automatic speed adjustment**
- **Optional 7" extension for wide web printing**
- **Full roll-to-roll rewind**
- **Will work with non-SATO printers (external AC power pack is required)**

The SATO RWG500 Label Rewinder is ideal for batch printing applications. The RWG500 allows for full 8" roll-to-roll rewind of either face-in or face-out wound media. Direct rewinding on the 1.5" spindle or use of 3" core is available with selectable clockwise/counter clockwise operation.

The RWG500 can accommodate 1" to 5" media widths or can be outfitted with optional 7" extension for wide-web printer models. The rewind tension arm detects paper slack, paper presence and incoming paper speed, up to 15 ips, to ensure proper operation and uniform rewind of media. The RWG500 is supplied with EXT interface cable to be used with SATO industrial printers or can also be powered by optional external AC adapter for all other printer models.

CLNX PLUS ACCESSORIES

Barcode Validator

- **Retracts and voids over labels if barcode data cannot be validated**
- **Prevent unreadable barcodes from being applied and entering the supply chain**
- **Eliminate unnecessary fees from occurring due to un-scannable barcodes**
- **Ensure correct data is being printed by enacting an audit plan**

SATO's Barcode Validator for the CLNX Plus Series printer allows users to automatically scan and validate all 1D and 2D barcode symbologies on their printed label. The Barcode Validator provides integrated operation with the CL4NX Plus/CL6NX Plus printer models, which can be configured to either read or compare barcode data. Easy to use and implement with no additional software required, as operational settings are selectable directly from CLNX LCD menu.

Cutter

- **Front mount guillotine cutter unit**
- **Single item or batch print job cut settings**
- **Long lasting blade life**

Dispenser

- **Dispenser unit for peel and present label application**

Rotary Cutter

- **Heavy duty cutter for use with tough and/or synthetic materials.**
- **Available for CL4NX Plus models**

M84*Pro* Series

- **Heavy-duty metal industrial construction**
- **Proven rugged reliable design**
- **Interchangeable printhead resolution (203, 305 or 609 dpi)**
- **RISC CPU for outstanding performance**
- **High print speed and resolution**
- **18 MB of on-board memory**
- **Wide range of plug-in interface options**

	203 DPI	305 DPI	609 DPI
PRINT METHOD	Direct/Thermal Transfer		
PRINTING SPEED	Up to 10 ips	Up to 8 ips	Up to 6 ips
MAX PRINT WIDTH	4.1"		
MAX PRINT LENGTH	49.2"	32.8"	14"
DIMENSIONS	10.4" (W) x 17.1" (D) x 13.4" (H)		
WEIGHT	39.7 lbs.		

SG112-ex

- **Large format industrial printer**
- **Supports media sizes from 5.2" up to 11.8" wide**
- **Wrinkle-free media handling**
- **Optional media roll unwinder or cutter**

	305 DPI
PRINT METHOD	Direct/Thermal Transfer
PRINTING SPEED	Up to 6 ips
MAX PRINT WIDTH	10.5"
MAX PRINT LENGTH	16.5"
DIMENSIONS	18.7" (W) x 12.3" (D) x 12.6" (H)
WEIGHT	44.1 lbs.

Desktop Printers

Thermal desktop printers from SATO are compact, cost effective, and easy-to-use. Receipts, labels, wristbands and RFID inventory tracking labels are easily created on a printer that fits just about anywhere.

WS4 Series

The SATO WS4 Series is an easy to use, feature rich compact 4" printer with fast throughput and print speeds at either 203 or 300 dpi resolutions, providing exceptional output. With features not typically found at this price point, the WS4 base model has three standard interfaces, including Ethernet and optional Bluetooth or 802.11 WLAN.

The WS4 is available either as Direct Thermal only or Thermal Transfer model, which allows up to a 300m ribbon. Best of all, the WS4 comes standard with robust onboard emulations. The SATO WS4 maximizes performance and investment for versatile desktop label applications in various regional markets and vertical segments. Base Model Includes: USB, RS232, Ethernet interfaces.

	203 DPI	300 DPI	203 DPI	300 DPI
PRINT METHOD	Direct Thermal		Thermal Transfer	
MAXIMUM PRINT AREA WIDTH	4.09"			
MAXIMUM PRINT AREA LENGTH	39.33"			
PRINT SPEED	Up to 6 ips	Up to 4 ips	Up to 6 ips	Up to 4 ips
PRINTER MEMORY	Flash ROM: 16MB, RAM: 32MB			
DIMENSIONS	7.24" (W) x 8.89" (D) x 6.54" (H)		8.69" (W) x 10.96" (D) x 7.38" (H)	
WEIGHT	3.88 lbs.		5.46 lbs.	

WS2 Series

- **Best in Class Patient Safety -** Disinfectant-ready, antimicrobial casing (industry-first feature)
- **Print on Demand -** High-quality patient ID wristbands and inpatient/laboratory labels. Compact, lightweight design for ease of transportation
- **Save Time** - Hassle-free media loading, enhanced printer setting tools and web browser for ease of operation, faster than market average print speed, up to 7-inch/sec
- **Integrate Easily -** Cerner accredited and ready for connection to all existing HIS/ EMR systems through the standard USS and Ethernet interfaces
- **Reduced Carbon Footprint -** Less consumable wastage compared to equivalent models on the market
- **Eradicate Errors -** Draw information from existing patient management systems

The WS2 is a hygienic, compact direct thermal desktop printer from SATO ideal for various healthcare scenarios. Suitable for direct use in the hospital ward due to its disinfectant-ready, antimicrobial plastic casing, the WS2 prints both patient ID wristbands and inpatient labels quickly and accurately for optimum patient safety and operator peace of mind.

The WS2 is also offered bundled with SATO patient ID wristbands as part of a competitive package, making the need to hand write labels a thing of the past.

	203 DPI	300 DPI
PRINT METHOD	Direct Thermal	
MAXIMUM PRINT AREA WIDTH	2.36"	
MAXIMUM PRINT AREA LENGTH	100"	50"
PRINT SPEED	Up to 7 ips	Up to 5 ips
PRINTER MEMORY	Flash ROM: 16MB, SDRAM: 32MB	
DIMENSIONS	4.56" (W) x 6.69" (H) x 8.46" (D)	
WEIGHT	2.2 lbs.	

CT4-LX

- **4.3 inch full-color touchscreen**
- **One-touch media profile recall**
- **PDF Direct Print**
- **Pre-installed printer language emulations**
- **Auto clone printer settings**
- **Label Waste Prevention**
- **RFID**

Anything but ordinary, the CT4-LX thermal desktop printer seamlessly combines intelligence, functionality, and performance. Standard features include a 4.3-inch full-color touch screen display, multiple connectivity options, existing application support using on-board competitive emulations along with instructional videos. Setup, operation, and maintenance are just a touch away.

	203 DPI	305 DPI
PRINT METHOD	Direct/Thermal Transfer or Direct Thermal Only	
PRINTING SPEED	Up to 8 ips	Up to 6 ips
MAX PRINT WIDTH	4.09"	
MAX PRINT LENGTH	98.43"	59.06"
DIMENSIONS	7.0" (W) x 9.37" (D) x 8.43" (H)	
WEIGHT	7.5 lbs.	

CT4-LX-HC

Redefine the traditional Healthcare printing experience with the CT4-LX-HC thermal desktop printer. Standard features include clinical-ready anti-microbial plastic casing, disinfectant wipe-down ready, 4.3" full-color touch screen display, patented label waste prevention, and one touch media profile selection. The versatility of the CT4-LX-HC provides exceptional performance and seamless integration for Hospitals, Labs, Pharmacies, Medical Manufacturers, Long-Term care facilities, and anything in-between.

	203 DPI	305 DPI
PRINT METHOD	Direct/Thermal Transfer	
PRINTING SPEED	Up to 8 ips	Up to 6 ips
MAX PRINT WIDTH	4.09"	
MAX PRINT LENGTH	98.43"	59.06"
DIMENSIONS	7.0" (W) x 9.37" (D) x 8.43" (H)	
WEIGHT	7.5 lbs.	

Mobile Printers

Portable thermal printers offer the flexibility needed for many receipt and label applications. SATO's direct thermal printers provide mobility printing without sacrificing quality or dependability.

Achieve all of your on-demand printing needs with one of SATO's dynamic mobile printers. The PW2NX, PV3 and PV4 help you minimize labeling errors and increase efficiency of on-the-go tasks.

What to consider for mobile label printing?

- **Media capacity**
- **Ruggedness and durability**
- **Designed for label printing**
- **Wireless connectivity**
- **Battery capacity and life**
- **Device management**
- **Economics of solution**
- **Accessories**

PW2NX

- **Full 2.16" print width**
- **Built-in dispenser**
- **Six preinstalled emulations**
- **Customized programs**
- **Smart battery for easy management and full shift operation**
- **Numerous chargers and accessories**
- **Bright status LEDs and color display**

	203 DPI
PRINT METHOD	Direct Thermal
PRINTING SPEED	Up to 6 ips
MAX PRINT WIDTH	2.16"
MAX PRINT LENGTH	39.37"
DIMENSIONS	3.74" (W) x5.04" (D) x 2.69" (H)
WEIGHT	0.97 lbs. incl. battery pack

PV3

- **Compact design with robust construction**
- **Drop resistance of 6.9-feet**
- **Light-weight (1.53 lbs) design reduces user fatigue**
- **Belt clip provides mobility for hands-free operation**
- **Bluetooth, Wireless LAN and USB connectivity**
- **Android and iOS compatibility**
- **Water resistant and dust proof (IP54)**

	203 DPI
PRINT METHOD	Direct Thermal
PRINTING SPEED	Up to 5 ips
MAX PRINT WIDTH	2.83"
MAX PRINT LENGTH	15.74"
DIMENSIONS	4.69" (W) x 6.26" (D) x 3.11" (H)
WEIGHT	1.53 lbs. incl. battery pack

PV4

- **Large 2.6" OD roll capacity**
- **2" Color LCD with 80° viewing angle**
- **6-foot drop and IP54 rated**
- **Extra capacity 6700 mAh smart battery**
- **Connectivity for Apple iOS**
- **Easy Bluetooth pairing with NFC**

	203 DPI
PRINT METHOD	Direct Thermal
PRINTING SPEED	Up to 6 ips
MAX PRINT WIDTH	4.09"
MAX PRINT LENGTH	15.7"
DIMENSIONS	6.2" (W) x 7.3" (D) x 3.2" (H)
WEIGHT	2.4 lbs. incl. battery pack

Specialty Printers

Thermal printing solutions expand far beyond basic barcode shipping labels. SATO offers a diverse selection of specialty thermal printers designed for applications of e-Commerce, in-house RFID tags and labeling.

FX3-LX

- **7" full color, smart touchscreen interface**
- **Battery operation option**
- **AEP Works' facilitates rapid development of custom applications**
- **Wireless connectivity**
- **Robust all-in-one design**
- **Easy connectivity to scanners, scales, and other devices**

	305 DPI	
	STANDARD AC ADAPTER OPERATION ONLY	**BATTERY MOUNTED KIT OPTION**
PRINT METHOD	Direct Thermal	
PRINTING SPEED	Up to 6 ips *(plugged in)*	Up to 4 ips *(battery only)*
MAX PRINT WIDTH	3.15"	
MAX PRINT LENGTH	19.69"	
DIMENSIONS	5.19" (W) x 8.85" (D) x 6.33" (H)	5.19" (W) x 8.85" (D) x 7.08" (H)
WEIGHT	5.5 lbs.	6.6 lbs.

GY412

The GY412 utilizes two direct thermal print heads that simultaneously print on both sides of the 2ST label. Improved throughput over single sided printers, the GY412 provides maximum productivity and tremendous cost efficiencies, eliminating the need for separate print stations.

- **Liner Eliminator** - Environmentally friendly.
- **Lower Cost** - Eliminates the need for additional printers, forms, labels and pack slip pouches.
- **Operational Benefits** - Reduce the risk of mismatching packing slip with shipping label.

	305 DPI
PRINT METHOD	Direct Thermal
PRINTING SPEED	Up to 10 ips
MAX PRINT WIDTH	4.09"
MAX PRINT LENGTH	11.8"
DIMENSIONS	8.4" (W) x 11.9" (D) x 11.1" (H)
WEIGHT	30 lbs.

RFID Printers

SATO offers a wide array of UHF and NFC/HF encoding solutions to fit the application needs of today and the implementation of technology in the future.

CL4NX Plus RFID

CL6NX Plus RFID

CT4-LX RFID

S84-ex RFID Print Engine

TXPEX6

TECEX6M

SATO RFID Printers

SATO offers a wide array of UHF and NFC/HF encoding solutions to fit the application needs of today and the implementation of technology in the future. Our products support EPC, ISO, I-Code, Tag-it standards fulfilling case carton to item level tagging industry standards.

The SATO RFID printers write, verify and print smart labels and tags with embedded RFID transponders. In the case of a tag failure, the RFID printer will mark the tag, send a "bad tag" output and advance to the next one, assuring reliability in mission critical applications.

	UHF	HF	NFC	SATO RF ANALYZE (SRA)
CL4NX PLUS	X	X	X	X
CL6NX PLUS	X		X	X
CT4-LX	X	X	X	X
S84-ex PRINT ENGINE	X			
TXPEX6	X			
TECEX6M	X			

Print Engines

As the world's largest supplier of thermal barcode and RFID print engines, SATO continues to manufacture solutions regarded as the premier standard for the print and apply industry.

www.satoamerica.com

S84/86-ex Series

SATO's S84/86-ex print engine, designed for high volume, 24/7 mission critical print & apply labeling operations. Engineered for ease-of-use, without sacrificing advancements in technology, the S84/86-ex provides next generation expertise with uncompromising quality from the world's print engine leaders.

EASY TO USE

- Two Color Status LED and LCD
- Best-in-class Print Speed and Throughput
- Simple Standalone Mode Support
- Downloadable/Uploadable Printer Settings via SD and USB memory options

QUICK MAINTENANCE

- Easy Roller and Tool-less Printhead Replacement
- Convenient Access to Backside Components
- Tool-less Sensor Cover Replacement

ENHANCED CONNECTIVITY

- Multiple Interfaces On-board
- D-SUB 25 pin EXT Interface - NPN/PNP Connection
- Standard Emulations On-board
- Multi-national Language Support

	203 DPI	305 DPI	609 DPI	203 DPI	305 DPI
PRINT METHOD	Direct/Thermal Transfer			Direct/Thermal Transfer	
PRINTING SPEED	Up to 16 ips	Up to 14 ips	Up to 6 ips	Up to 14 ips	Up to 12 ips
MAX PRINT WIDTH	4.1"			6.6"	
MAX PRINT LENGTH	98.4"	59"	15.7"	49.2"	
DIMENSIONS	9.65" (W) x 16.06" (D) x 11.81" (H)			9.65" (W) x 18.23" (D) x 11.81" (H)	
WEIGHT	DT/TT: 30.2 lbs. DT Only: 27.1 lbs.			DT/TT: 33.3 lbs. DT Only: 30.0 lbs.	

Lt408

The Lt408 print engine, when integrated with an applicator system, provides low-throughput, light-duty applications with an automated, yet affordable, print/apply labeling solution to replace labor intensive hand labeling or expensive pre-printed carton inventory.

	203 DPI
PRINT METHOD	Direct/Thermal Transfer
PRINTING SPEED	Up to 6 ips
MAX PRINT WIDTH	4.09"
MAX PRINT LENGTH	49.2"
DIMENSIONS	13" (W) x 10.7" (D) x 10.6" (H)
WEIGHT	21.4 lbs.

Laser Printers

High-volume laser printers from SATO are ideal for businesses that need to print large amounts of labels, tags/tickets, reports, or forms.

Light Cream
Moisturizer

29⁹⁹

SN28531
Remove 01/23

19⁹⁹

Light Cream
Moisturizer

635443183690392065834

SPECIAL

Beauty
Moisturizing Cream

12.50

DB68524
Remove 02/27

Buy 1
Get 2nd*

50%

off
Regular Retail

Beauty
Moisturizing Cream
2 fl oz (59 ml)

835463181650062015637

excludes clearance

SALE ▲

LP 100R

SATO's LP 100R industrial continuous form laser printer is ideal for printing large amounts of labels, tags/tickets, or forms, ranging from the thinnest labels to the thickest tag stocks. Our printer is designed for performance, reliability, ease-of-use, and low operating costs.

PRINT METHOD	Flash Fusion (no heat / pressure)
RESOLUTION	240, 300, 400, 480, or 600 dpi
PRINT SPEED	100 pages-per-minute (2 up letter)
PRINT WIDTH	17"
MEDIA WIDTH	6" to 18" pinfed
MEDIA THICKNESS	20 mil

CS-9018

SATO's CS-9018 is the ultimate finishing equipment for customers who need to slit, cut, and sequentially stack pre-printed tags. This easy to use cutter/stacker is capable of processing 235,000 tickets per hour.

MEDIA WIDTH	6" to 18" pinfed
MEDIA THICKNESS	20 mil
TAG WIDTH	1" to 3.5"
TAG LENGTH	2" to 4.5"
STACKER CAPACITY	38" or approx. 3,500 tickets
THROUGHPUT	235,000 1" x 2" tickets per hour

Options and Accessories

Dependable SATO brand accessories extend the value of your printers. Available are a variety of options for thermal and RFID printers.

Options and Accessories for Thermal Printers

Dependable SATO brand accessories extend the value of your printers. Available are a variety of options for thermal barcode, RFID and laser printers. Media handling options such as cutters, dispensers, rewinders/underwinders and linerless kits will increase the flexibility and efficiency of your printing systems. Competitive emulations and wireless networking interfaces allow for diversity and a great ROI. With SATO accessories, you'll find exactly what you need to increase the overall performance of your SATO printer.

	Media Handling Options						Other Features					Interfaces					
	Cutter	Dispenser	Liner Rewinder	Linerless	RFID (HF/NFC)	RFID (UHF)	Media Tray	Emulations	RTC	SOS	AEP (printer settings)	NFC	USB	RS232	Parellel	Ethernet	WLAN (802.11ac)	Bluetooth
CL4NX Plus	G or R	X	X	X	X	X	X	B, I, Z, D, T, E	X	X	X	X	S	S	S	S	O	
CL6NX Plus	G	X	X	X			X	B, I, Z, D, T, E	X	X	X	X	S	S	S	S	O	
M84Pro	R	X						B, Z	X				P	P	P	P		
WS2	G	X						Z, D, E					S			S	O	O
WS4	G	X						B, Z, I, D, E	X				S	S		S	O	O
CT4-LX	G	X		X	X		X	B, I, Z, D, T, E	X	X	X	X	S	O		S	O	O
FX3-LX	G	X		X				B, I, Z, D, T, E	X	X	X	X	S			S	O	O
GY412 (2ST)	G							B, Z					S	S	S	S		
SG112ex	G						X	B	X				S	S				
PW2NX		X		X				B, I, Z, D, T, E			X	X	S				O	O
PV3		X						Z, E					S	S			O	S
PV4		X						Z, E					S	S			O	S
TG3	P						X	S					P	P	P	P		
S84-ex				X			X	B, Z, D, I	X				S	S	S	S	O	O
S86-ex								B, Z, D, I	X				S	S	S	S	O	O

Legend: **Bolded** Items denotes Standard/on-board
Emulations: B=SBPL / Z=SZPL / I=SIPL / D= SDPL / T=STCL / E=SEPL
Cutter: G=Gulliotine / R=Rotary / P=Pulley
Interfaces: S=Standard / O=Optional / P=Plug-in Interface (singular)

CL4NX Plus with cutter   **RWG500 Rewinder**   **PV3 Battery Charger**   **FX3-LX Mounting Station**

Media: Labels, Tags & Ribbons

For the best results of imaging and durability, use SATO Genuine labels, ribbons and supplies. Your customers will notice the difference.

Labels and Ribbons

Industry expertise, world-class manufacturing capabilities and superior inventory management make SATO the preferred supplier of thermal, laser and RFID labels, tags and ribbons.

- **Custom design options, stock inventory and ready-to-go packs**
- **Specializing in pre-print and color labels and tags**
- **Three United States production facilities**

With decades of experience in testing of adhesive, face stock and liner materials, our experts understand your business and are able to recommend the right solution for your application.

Broad Selection of Products - Our portfolio of consumables is specifically designed to enhance the output quality and complement the features of all printer systems. These products provide performance, reliability and economy to support even your most critical printing and barcode applications.

Commitment to Excellence - SATO America has made a significant investment in state-of-the-art equipment and quality systems to produce the right consumable for your application. We have multiple manufacturing locations in the United States equipped to provide everything from Horticultural Tags, HLS, RFID, Thermal, Laser and Prime Labels.

Pre-printed and Prime Labels

Blank or Prime Labels, our diverse capabilities allow us to produce a broad range of label solutions.

Pre-printed Labels Produced on a Mark Andy P5 Performance Series Printer

Labels should be designed according to the item they are applied to and the environmental conditions they must withstand. Selected Label features (security slits, adhesive properties, label color, to name a few) also provide practical benefits to your business and labeling application.

Labels are available in an array of adhesive and material combinations offering varying levels of performance regarding scratch/ smudge durability, tear resistance, and chemical resistance. Paper is the most common and cost-effective material, but these are limited to indoor use only. Applications where exposure to high levels of abrasion or exposure to chemicals require the use of synthetic materials like polypropylene and polyester.

Our broad portfolio of materials is specifically designed to maximize the value to our customers by providing the correct level of performance at a competitive price.

Thermal Transfer Paper Labels and Tags (SATO-Transfer)

These are bright white, ultra-smooth, coated face stocks suitable for normal and high-speed thermal transfer printing moderate resistance to abrasion and smear. Available with multiple adhesives types from ultra-removable to permanent high-tack. Recommended ribbons: T124A, T101A and T104G.

Direct Thermal Paper Labels and Tags (SATO-Direct)

These are bright white, thermally-coated papers available in both economical uncoated and higher-durability coated paper face stocks. Ideal for most standard indoor AIDC applications where exposure to water or chemicals is not anticipated. Direct thermal products are simple to use and are ideal for short-term use applications. Available with multiple adhesives types from removable to permanent high-tack.

Polypropylene Labels (SF100)

A gloss, white, corona-treated biaxially oriented polypropylene (BOPP) film employing a permanent adhesive with good durability, strength, and chemical resistance. Recommended ribbons: T101A, T102E, T104G, and T110A.

White Polyester Labels (SF300)

A gloss white top-coated polyester label with exceptional print quality, excellent tear strength, high abrasion and smear resistance, even under severe conditions. UL Recognized when paired with SATO's R333A or R435B ribbons. Also available in matte silver version.

Meto Medical Labels

A medium sensitivity topcoated direct thermal paper for use in thermal printers. The piggyback labels have a pattern adhesive on the top ply.

Printer Services

Not all service providers are built for the demanding requirements of your company's crucial operations.

That's why SATO created SATO Select.

SATO Select
the services standard

About SATO Select

SATO Select is a comprehensive suite of services built for demanding operations to make sure you're getting the best services for your SATO printer-the crucial link in your operation.

You will notice the SATO service commitment immediately whether Critical, Onsite service, or Factory Direct depot repair services. We are committed to delivering service beyond your expectations!

Requests

- Have a special service requirement that you don't see here? Give us a call, we are here to help!
- Whether you are a reseller partner or end-user we have support plans specifically for you.
- We service both the United States and Canada.

SATO Select
the services standard

Onsite Service

Our field service engineer comes to your location with an inventory of parts, ready to perform the required repair. A simple call or email to our dispatch center puts it all in motion. To address your specific needs, you can choose from a choice of onsite response times and coverage options. Available in both the USA and Canada.

Depot Service

Factory direct, mail-in services for your printer. Contact us via email or phone call and immediately to receive your return authorization. We'll have your printer back in your hands repaired, tested, cleaned, and ready for deployment.

Installation Service

We provide printer installation service in the USA and Canada. We'll unpack, test, and set up your printer for your specific environment.

Get In Touch

- We can help you choose your service options
- We can answer your service availability questions
- We can provide service contract information
- We can provide a service contract quotation

satoselect-sal@sato-global.com • (704) 908-0267

29
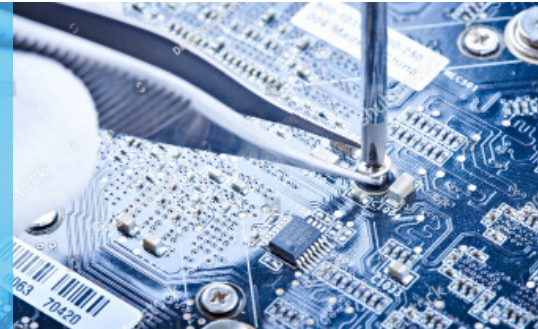
SATO Application-Enabled Printing (SATO AEP)
Intelligence Inside the Printer

The next generation of printing allows the CL4NX Plus, CL6NX Plus, CT4-LX, CT4-LX-HC, and the FX3-LX for use as a complete standalone or connected printing solution, thus eliminating the need for costly computers and software maintenance. SATO AEP provides a robust platform to develop custom label printing solutions. Since AEP runs independent of host systems, all label processing/printing is done directly from the print station, including RFID* encoding. Enter data input directly to the printer LCD or using common peripherals such as a USB keyboard, barcode scanner, weight scale, or directly to local or cloud servers without middleware. There are no limits to the types of applications that can be developed, from simple fixed formats to complex data manipulation, SATO AEP sets the bar in barcode printing solutions.

Benefits for implementing SATO AEP solutions in your businesses including:

- **Reduce costs**
  Printer operates without a PC thus reducing the up-front investment and running costs.

- **Simplify & improve productivity**
  Improve productivity with simple to use applications and less operator training.

- **Focus on printing**
  Controlled AEP applications can limit unauthorized use keeping the printer operating with less interruption.

Contact your SATO Representative for more details on AEP solutions and development costs.

*RFID (NFC/HF/UHF) available on select CL4NX Plus, CL6NX Plus, and CT4-LX models.

PDF Direct Print

Enable swift, accurate and time-saving label printing from PDFs with SATO's PDF Direct Print. Users can directly print PDF data generated in other business applications or systems, alongside OS and PC applications, to reduce errors and improve operational productivity.

Requires a one-time permanent license per printer. Available with the CL4NX Plus, CL6NX Plus, CT4-LX, and CT4-LX-HC printers.

SATO App Storage

SATO App Storage is a cloud-based data management service to manage data centrally, ensuring up-to-date data and label formats are being used across all deployed printers. This assures the right data is provided to the correct printer no matter the location, simplifying deployment and setup of printers.

SATO Online Services

SATO SOS is a cloud-based system which monitors SATO printers and shares information for remote preventative maintenance and error detection without the need of an on-site engineer. Through online connectivity, the status of multiple printers is monitored, proactively preventing costly downtime and associated loss of revenue.
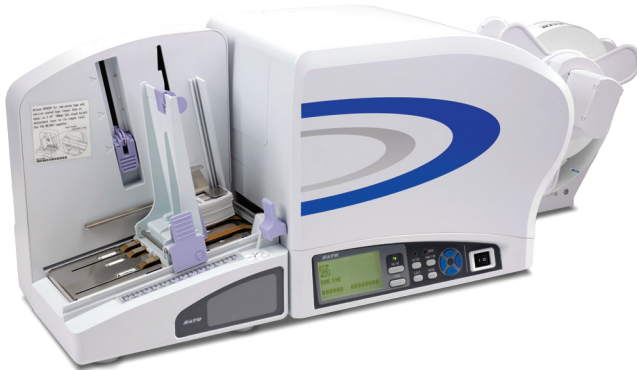
Retail Solutions

Focused to a retailer's need for marking, our comprehensive lines of product provide creative and image building solutions for retail.

Building on over 50 years of retail experience, SATO introduced one of the first handheld labelers in 1962 and the world's first thermal transfer label printer in 1974. SATO is recognized for delivering rugged dependability and reliable performance throughout its product line. Our comprehensive product line includes price guns, take-a-number systems, tag & label printers, RFID smart printers and tags, label design software, and labels.

TG3 Series

- **High performance tag and label printer**
- **Cut and stack capability**
- **Heavy-duty print mechanism**
- **Automatic calibration for correct print registration**

* TG3 shown with optional stacker

	203 DPI	305 DPI
PRINT METHOD	Direct/Thermal Transfer	
PRINTING SPEED	Up to 10 ips	
MAX PRINT WIDTH	3.1"	
MAX PRINT LENGTH	9.4"	
DIMENSIONS	11.18" (W) x 21.73" (D) x 11.81" (H)	
WEIGHT	35.71 lbs.	

Handheld Labeling Solutions

SATO offers an array of one, two, and three-line Handheld Labeling Solutions. They feature alphanumeric text bands, robust construction, and long-lasting ink. The lightweight ergonomic design offers the ultimate Handheld Labeling Solution portfolio.

Turn-O-Matic

The Turn-O-Matic system (TOM), a widely recognized and accepted queue management system that provides organized and efficient customer service. Proven to drive sales, economical cost, flexibility and ease of use make it the system of choice. Turn-O-Matic creates satisfied, repeat customers.

retail-sal@sato-global.com • (704) 644-1650

www.satoamerica.com/retail

Innovative Label & Tag Solutions

As a leading technology supplier for the global retail industry, SATO has provided solutions for the world's leading retailers. Using our extensive knowledge and experience, SATO delivers media solutions to help you increase customer satisfaction, improve sales and profitability while reducing expenses.

SATO has designed several cutting edge media solutions to help resolve some typical problem scenarios which occur in today's retail environment.

- **DuraTag**: Tear-resistant material reduces lost or stolen tags while maintaining the premium paper feel.
- **SecureRings**: Tamper-evident design prevents price switching.
- **MarkSecured**: Special inks protect from counterfeit price tags.
- **Anti-Diversion Labels**: Aggressive adhesive and ultra indestructible labels.
- **WashAway**: Specially-formulated adhesive cleanly washes away under warm water.
- **IntegraForm**: Streamline order fulfillment with this all-in-one form.
- **PrintPeel**: Don't let square-edged tags damage your products! SATO's unique PrintPeel tags are custom-shaped, round-edged and carried on a pinfeed liner for variable printing. PrintPeel tags are easily removed from the liner and ready to use without any adhesive residue. Labor costs are reduced because there is no need to cut or tear perforations to create single tags.
- **Point of Purchase Labels**: Labels easily identify purchased products without seeing a receipt.
- **Tear Away**: The price for both locations is printed, then the unnecessary price removed when product arrives to the store.
- **Embedded Label**: Quickly display new product with this combination carton and shelf label; When pulling stock from storage, staff can lift the shelf label from the box and apply immediately.
- **Color-To-Size**: Customers can instantly identify product sizes by the color label to speed their shopping trip.
- **Shelf Talker:** An on-shelf secondary label designed to attract consumers' attention and boost awareness of a product to customers when they are most likely to purchase.

SATO's staff is happy to discuss your current tagging and labeling processes. Call or email us now to help determine the perfect solution for your needs.

Healthcare Solutions

We're a leading provider of barcode application solutions for healthcare and life sciences.

CT4-LX-HC

- **Clinical ready anti-microbial plastic casing**
- **Disinfectant wipe-down ready**
- **4.3 inch full-color touchscreen**
- **One touch media profile**
- **PDF Direct Print**
- **Label Waste Prevention**
- **Remote management/maintenance**

Redefine the traditional Healthcare printing experience with the CT4-LX-HC thermal desktop printer. Standard features include clinical-ready anti-microbial plastic casing, disinfectant wipe-down ready, 4.3" full-color touch screen display, patented label waste prevention, and one touch media profile selection. The versatility of the CT4-LX-HC provides exceptional performance and seamless integration for Hospitals, Labs, Pharmacies, Medical Manufacturers, Long-Term care facilities, and anything in-between.

* Refer to Tech Specs on Page 10.

WS2 Series

- **Best in Class Patient Safety**
- **Print on Demand**
- **Save Time**
- **Integrate Easily**
- **Reduced Carbon Footprint**
- **Eradicate Errors**

The WS2 is a hygienic, compact direct thermal desktop printer from SATO ideal for various healthcare scenarios. Suitable for direct use in the hospital ward due to its disinfectant-ready, antimicrobial plastic casing, the WS2 prints both patient ID wristbands and inpatient labels quickly and accurately for optimum patient safety and operator peace of mind.

* Refer to Tech Specs on Page 9.

SATO HealthCare ID Solutions

Designed to facilitate compliance with recent government and industry initiatives, SATO HealthCare ID Solutions have been developed to help protect your patients from potentially harmful events and the unauthorized dissemination of private medical information in compliance to HIPAA Regulations. This allows your staff to focus on more urgent needs.

SATO SoftTouch Wristbands

SATO SoftTouch Wristbands provide patient comfort with a soft feel and improved flexibility. These highly durable wristbands provide critical patient information at the point of care and improve HIPAA security compliance. Comfortable, durable, SATO SoftTouch wristbands remain legible after exposure to water, abrasion, cleaners and everyday wear.

Neonatal Secure ID Bands

Each band provides safety through positive identification of the individual patient and presents a platform for linking mother to infant. High quality materials allow for the print of human readable text, barcodes and if desired, a patient or parents picture. All without the need of thermal transfer ribbons or the mess of laser toner. Wristband design allows the tag to reside outside of the blanket to reduce the need to open the blanket to verify the infant's identity.

DuraMark Wristbands

Each wristband provides enhanced safety through positive identification of individual patients, linked to a patient's medical or account number using human readable text, barcodes and if desired, a patient's picture. All are direct thermal, eliminating thermal transfer ribbons which raise costs, are cumbersome, and under HIPAA guidelines require expensive destruction procedures.

Healthcare Labels

SATO offers a wide variety of labels and tags specifically designed for the healthcare industry, including: specimen labels, slide labels, asset labels, identification labels, and more.

Food Safety Solutions

SATO's food labeling solutions help to quickly and efficiently print labels to ensure food safety, freshness, and compliance with industry standards and requirements.

www.satoamerica.com

FX3-LX

The versatile FX3-LX features an intuitive 7" touchscreen display that allows for quick and 100% accurate and precise printing. The water-resistant and easy-to-clean anti-microbial casing is ideal for food-prep evironments. Minimizes the risk of cross-contamination.

Mobile Printing

SATO's 2, 3 and 4-inch mobile printers provide portability in printing without sacrificing quality or dependability. Label food products and ingredients at the point-of-application to ensure the utmost labeling accuracy.

Handheld Labeling Solutions

Specifically designed to meet the unique needs to food safety compliance standards, SATO's handheld labelers easily print time and date labels for food products and ingredients. Customize labels with numeric or alphanumeric food specialized text as well as dates, times and prices.

FreshLoc2Go Tamper Evident Labels

SATO's tamper evident labels provide reassurance that each order has remained untouched in transit from the restaurant kitchen to the customer's home. The permanent adhesive prevents the labels from being peeled off cleanly. When peeled, the label will separate to indicate tampering.

DateRight Rotation Labeling Solution

The DateRight label solution consists of 7 color indicators on each label identifying the different days of the week. This helps support First In First Out rotation and storage management for prepared foods and ingredients.

food-safety-sal@sato-global.com • (704) 644-1650

www.satoamerica.com/foodsafety

Horticulture Solutions

Decades of experience, we're known and trusted by industry leaders for our comprehensive line of product identification labels, tags, stakes and signs.

TXPEX6 Printer

The TXPEX6 printer is designed for the most demanding printing applications. Easily handling material thicknesses up to 25 mil and up to 12 ips. Equipped with a 6" print head, it supports tag widths up to 10" ladder style (sideways). This print orientation promotes faster throughput and maximum ribbon usage. Additional options, such as UHF RFID provide expanded functionality.

	305 DPI
PRINT METHOD	Thermal Transfer
MEDIA WIDTH	2" to 10"
MEDIA THICKNESS	5.1 to 25 mil
ADJUSTABLE SENSING	Die cut, black mark, notched, hole-punched
PRINT WIDTH	6.29"
PRINT SPEED	Up to 12 ips
DIMENSIONS	15.75" (W) x 18.11" (D) x 12.2" (H)
WEIGHT	58 lbs.

SATO Horticulture Tags and Labels

SATO manufactures tags, labels and signs for the horticulture industry. Designed to withstand use in harsh environments, the unique product line includes four-color process picture tags, pressure sensitive labels, RFID tags, signs and banners.

A full line of tags and labels, suited for use with our on-demand thermal transfer printers, retain their image and use for several years under most conditions. SATO offers Dot Matrix and Utility tags, along with a full line of garden center supplies for the Horticulture industry.

Die cut clips to stem or bamboo stake

Simply SATO tags

Care Instructions

Make sure container is filled with water.

Display container in a cool location out of direct sunlight.

Avoid placing container near excessively hot or cold areas.

Check water daily and add if needed.

Please visit us at. www.satolabeling.com

20ST PREMIUM BQT
$12.99

Perforation

Imprint data

SATO's Economy Brand of Solutions

Tags and labels have come a long way since thermal printing was innovated under the legendary Economy name. Today – A SATO Brand – Economy Labels & Tags continues to be an industry leader. We deliver expansive and customizable solutions, including pressure sensitive materials and brilliant four-color process. So every label and tag tells a story.

BENEFITS:

- **Brand Management**
- **Product Identification**
- **Increase Revenue**
- **Grow Margins**
- **Control Costs**

FEATURING:

- **Thermal Printers**
- **Slip-On® Tags**
- **Pot Stakes**
- **Labels & Signs**
- **TAGGIT® Pro Software**

TAG & LABEL

A SATO Brand

1. **Direct thermal media can be used on any thermal transfer printer.**

2. **SATO AEP offers customization and standalone operation (PC-free) of the printer.**

3. **SATO CLNX Plus Series and CT4-LX printers are all Wi-Fi certified.**

4. **Emulations come standard on many SATO printers with print languages such as Zebra, Datamax, and Intermec.**

5. **Pre-loaded instructional videos provide real-time assistance to reduce down time for tasks such as ribbon or media replacement.**

6. **LP 100R Laser Printer is available for high-volume retail applications with lower TCO.**

7. **Visual indicators and tool-less replacement make maintenance easy on SATO printers.**

8. **Regular cleaning and preventative maintenance keep your SATO printer running optimally.**

9. **SATO manufactures a full line of stock media as well as custom made to order ribbon, labels and tags.**

10. **SATO Select offers Onsite and Depot Service plans.**

11. **SATO wristbands are ideal for Healthcare providers and HIPPA compliance.**

BARCODES
TIME SAVERS. MONEY SAVERS.

Barcodes permit faster and more accurate transfer and recording of information benefitting the track of work in process or the movement of assets more quickly and precisely. Significant time can be spent tracking down the location of assets, instruments, materials, anything that moves within a location or between companies. Barcodes can help speed the processes and improve the tracking of these items, saving your organization time in response to inquiries and change.

Depending on the application, time savings can be very significant. Often the most dramatic examples involve the tasks of inventory. One example that's of interest to share is a customer of SATO who had required a crew of 25 employees working over a weekend for mid-year inventory; with barcodes this was reduced to 4 employees and a total of about 5 hours. Routine daily operations have a positive impact in saving time and resource as the use of barcodes expand and improve productivity.

Corporate Profile

SATO AMERICA
CORPORATE
14125 South Bridge Circle
Charlotte, NC 28273
Phone: (704) 644-1650
sales-sal@sato-global.com

Label Manufacturing, Service & Sales

UNITED STATES   CENTRAL AMERICA
MEXICO   CARIBBEAN
CANADA

SATO is a pioneer and leading global provider of integrated Automatic Identification and Data Collection solutions that leverage barcode and RFID technologies.

SATO manufactures innovative, reliable auto-identification systems and offers complete solutions to businesses by integrating hardware, software, consumables and maintenance services. SATO's solutions enable businesses to realize precision, labor and resource savings that help preserve the environment and deliver peace of mind to consumers. All of which contribute to the development of a sustainable world.

Today, SATO continues its tradition of designing and manufacturing high quality industrial printers that deliver reliable performance with each print job.