

SATO AIDC Solution

Desmond Goh

Regional Business Development Manager
(Africa and Middle East)

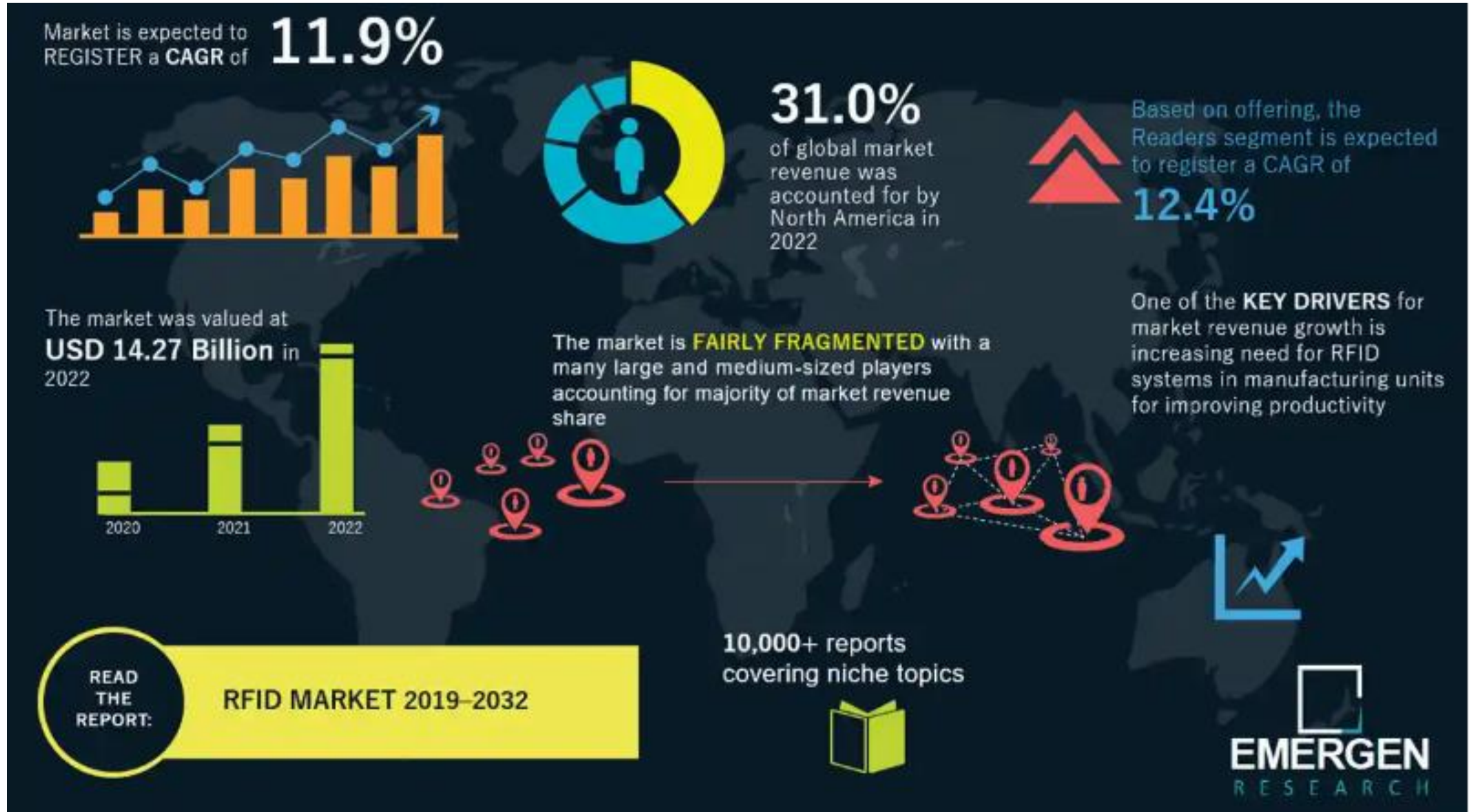
Changes in external environment

Industry 4.0



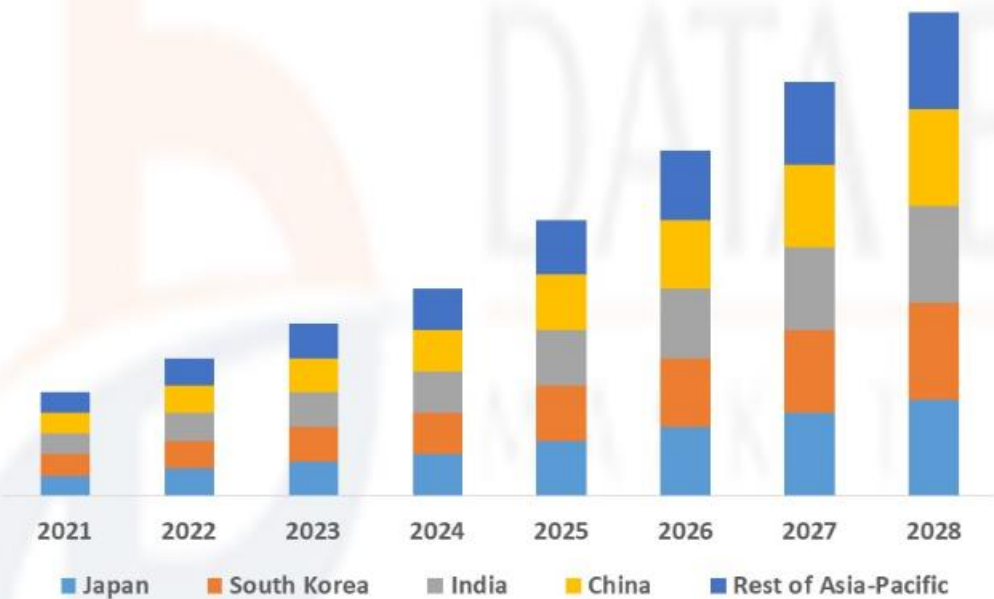
Need reliable data that helps run society

Rise on need for RFID



Potential of RFID Market

Asia-Pacific Radio-Frequency Identification Technology (RFID) Market is Expected to Account for USD 7,311.27 Million by 2028



Asia-Pacific Radio-Frequency Identification Technology (RFID) Market, By 2028



DATA BRIDGE MARKET RESEARCH



Source: [Asia-Pacific Radio-Frequency Identification Technology \(RFID\) Market Report – Industry Trends and Forecast to 2028 | Data Bridge Market Research](#)

Tag anything with data, to identify and track it

Tagging

Giving something its own ID means
knowing what the adherent is, how to apply to it,
what information to print, when to link it with big data,
and how to read it to enhance operations.

That's SATO's way of tagging.

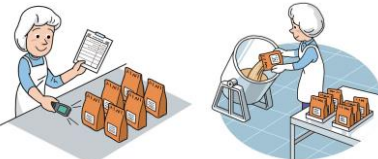
The collage illustrates the versatility of SATO tagging across different industries and environments. The tags include various data fields such as IDs, names, dates, prices, and QR codes, demonstrating their use in healthcare, utilities, automotive, electronics, retail, and logistics.

Industry applications

SATO uses auto-ID technology to collect & manage data on people and goods, optimizing businesses and realizing environmental conservation and peace of mind.

Factory

Achieve traceability



株式会社 サトー
12830010 最中
2010.08.02
2010.08.16
56



Hospital

Prevent medical errors



Library

Improve loan and return processes



Auto-ID Technology

Barcode

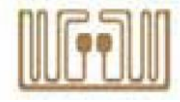


4 993191 000019

2D Codes



RFID



Departmental store

Display product description & conduct inventory check



Warehouse

Accurate inspection & efficient stocktake



Supermarket

Efficient & timely price markdown



Food



Retail



Manufacturing



Transport & Logistics



Healthcare



Government

Feed data into IT systems to serve as big data



Challenges on site

Factories



Handwriting forms causes errors when mixing materials.

Warehouses



Complex management of goods makes things difficult to find.

Stores



Stocktaking garments visually and one by one takes time.

How our auto-ID solutions are “powered on site”



SATO Printer Series under SAP

Type	2 Inch	3 Inch	4 Inch	6 Inch or Wider
Industrial			 CL4NX PlusM84Pro	 CL6NX PlusSG112-ex
Compact / Desktop	 CG2WS2		 CG4CT4-LXCT4-LX-HCCW408WS4	
Mobile	 PW2NX		 MB4iPW4NX	
Stand-alone & Tag		 DR308eFX3-LXTG3		
Specialty & Print Engine			 LR4NX-FALT408S84NX	 S86NX

SATO RWG500 Label Rewinder



Enhance the efficiency of batch printing applications with this user-friendly accessory

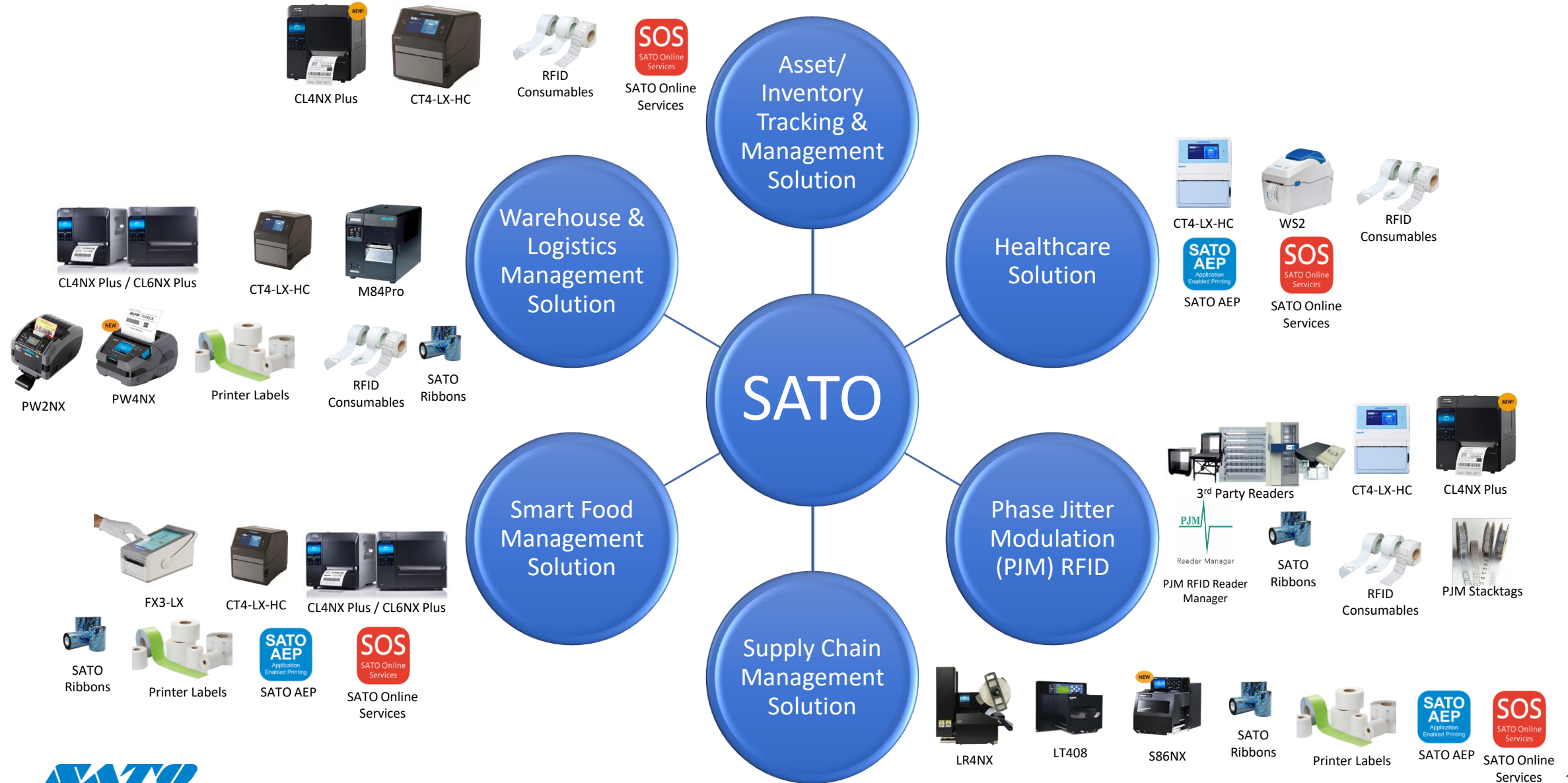
This Label Rewinder is ideal for batch printing applications and accommodates label rolls of up to 5" wide (optional 7" extension available) with roll outer diameter of up to 8".

It can be self-powered with an optional external power module.

The unit can be powered via the SATO "EXT" port with the supplied cable (compatible SATO printers only).

All other printers without 'EXT' port will require a separate external power supply for the rewinder unit to operate.

SATO Partners with 3rd Party Solution to provide solution that helps customers increase productivity and efficiency.



SOFTWARE/ SOLUTION LINEUP



RFID Solutions

As a customer-centric Auto-ID company, SATO has successfully deployed its solutions in various industries. In the area of RFID technology, we provide comprehensive and customised UHF, HF and PJM RFID solutions to help you enhance your operational efficiency and take your business to the next level.

Inventory Management @ Warehouse & Retail Store



Auto-stocktake of receiving outgoing goods in RFID Enclosure.
Stocktake in store is a breeze with RFID handheld reader.

Raw Material Tracking @ Manufacturing Plant



Track and ensure the correct raw material is picked for use. RFID reader is tagged on the forklift/ lifter to ensure right raw materials are transported.

Blood Management @ Hospital



PJM RFID Fridges, Freezers & Incubators.
Real-time visibility of all blood product inventory levels and movements. PJM RFID provides high speed, reliability & 100% accuracy for blood tracking.

Asset Management @ Data Center



Assets in the server room (including server rack, server, switch, hard disk) are RFID-tagged for easy inventory checking and location identification.

With RFID solution, the location of each server/ switch/ hard disk can be easily identified on the server rack.



Tool and Equipment Management @ Hazardous Environment



All tools are RFID-tagged to provide real-time visibility of access records including user name / ID, date and time of check-out and return.

Inventory Tracking of Bus Equipment



RFID tag is attached to each equipment in bus that needs to be tracked. This helps save time & speed up daily checks.

Retail / Apparel

UHF Label



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
Apparel Item Management	80 x 30 mm	Non-coated Paper Permanent Adhesive	EPIC 75 bit US01-7501

Retail / Diamond



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
Standard Office Tracking	30 x 75 mm	Paper Label	US01-4000



Powered On Site /

Manufacturing / Packaging/ Logistics

UHF Label



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
Inventory Control, High Memory	21 x 97 mm	2 Synthetic Permanent Adhesive	EPIC 445 bit US01-2045



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
RF Management, High Memory	101.5 x 101.5 mm	2 Synthetic Permanent Adhesive	EPIC 445 bit US01-2045



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
RF Management	21 x 97 mm	2 Synthetic Permanent Adhesive	EPIC 445 bit US01-2045

Food



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
Small Area Application	10.0 x 30.0 mm	Non-coated Paper Permanent Adhesive	EPIC 75 bit US01-7501

Healthcare

UHF Label



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
Patient ID & Patient Peak Management	55.0 x 27 mm	2 Synthetic RF Permanent Adhesive	EPIC 75 bit US01-7501



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
Small Area Application	10.0 x 30.0 mm	Non-coated Paper Permanent Adhesive	EPIC 75 bit US01-7501

PJM Label



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
Medical Device Tracking	50 x 60 mm	Paper Label (75)	US01-4000



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
Medical Device Tracking	42 x 60 mm	Transparent PET	US01-4000



USE TYPE	SIZE	MATERIAL	MEMORY SIZE
Blood Tracking	110 x 100 mm	RF Label (75)	US01-4000



Powered On Site /

Don't just hear from us, listen to what our customer says about us.



SATO Customer Testimonials



Swiss Clinic MV Santé Tracks Patients with RAIN RFID Wristband Solution from SATO and Solid



Location tracking system for Sinko Industries Ltd.



SATO HACCP compliance solution installed to Aeon Retail



Aucxis implements SATO RFID solution at Aertssen



Van der Valk Ghent talks about SATO's FX3-LX

.....and many more at: [SATO Case Studies](#)



JUDO PROMO

Product Features

- Prints 13 preset Retail Promotional messages for top line price markdown
- Wide open path allows easy loading of labels
- Mess-free capsule type ink roller keeps hands clean when changing ink roller

Applications

Price Indication

10% OFF
\$100.99 ~~TX~~

BEST BUY
2 ~~2~~ \$88.99

CLEARANCE
12 \$38.50



PB2-180

Product Features

- SATO's flagship 2-line labeller
- Printband stopper feature protects against over-rotation of bands
- Transparent cover protects the label and keeps label clean

Applications

Price Indication

22 \$15.50
~~2~~ \$10.50

Date Indication

11-11-18
MFG/EXP
10-11-19

Lot No. Indication

010-6450
#1234567



PB3-208

Product Features

- SATO's flagship 3-line labeller
- Wider label supports longer text and prints up to 12 characters per line
- Equipped with SATO's PSP mechanism, it prints both labels and liner simultaneously

Applications

Date/Price Indication

MFG 04072018
EXP 03072019
\$4.50

Lot No./Date/Price Indication

#3103568
05-08-2019
100,000#

Date/Batch No. Indication

RECEIVED DATE
28-09-2019
USE BY DATE
27SEP2020
BATCH CODE
LY960680



PB3-312

Product Features

- SATO's flagship 3-line labeller
- Wider label supports longer text and prints up to 12 characters per line
- Equipped with SATO's PSP mechanism, it prints both labels and liner simultaneously

Applications

Date/Price Indication

MFG: 04-05-2019
Wish Bakers
EXP: 11-05-2019
Price Rs: 300.00 B.No.: 21
Colombo Road, Calcutta

PIC No./Lot No./Date Indication

1235 09 123 5
Sterilization 31-12-19
Date
Expiry Date 31-12-20

Price/Weight/Date Indication

TAKOYAKI
USE BY
11 11 19
DMS.50
SAMPLE NET WEIGHT
330g
HALAL



PB3-416

Product Features

- SATO's flagship 3-line labeller
- Wider label supports longer text and prints up to 12 characters per line
- Equipped with SATO's PSP mechanism, it prints both labels and liner simultaneously

Applications

Price Indication

Part No. AB100203
Product No. 0208130010
Inspection Date 20.08.15

Date Indication

SATO CANDY
Price \$15.50ea
BEST BEFORE
23JUN2020
SATO COMPLEX
TOKYO

Operator Code Indication

SUGAR
MFD Date Weight
21-01-24 100g
Price \$3.50
SATO STORE
TOKYO
TEL: 0120-190311

SATO's Presence in Asia:

Australia, China, India, Indonesia, Japan, Korea, Malaysia, New Zealand, Philippines, Singapore, Taiwan, Thailand, Vietnam



*Information on label images in green, red and blue are pre-printed; in black are printed by handlabeller
*Actual label size and design may vary.

©2017 SATO Global Business Services Pte. Ltd. All rights reserved.
Specifications subject to change without notice. Any unauthorized reproduction of the contents of this presentation, in part or whole, is strictly prohibited. SATO is a registered trademark of SATO Holdings Corporation and its subsidiaries in Japan, the U.S. and other countries. All other trademarks are the property of their respective owners.

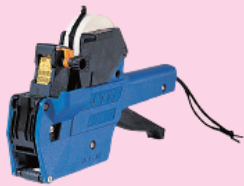


Hand Labelling Solution
Economical . Easy to Use . Durable
for your everyday labelling needs



www.satoasiapacific.com



**PB-1****Product Features**

- Smallest label in the market
- Perfect for labelling small products like stationary, cosmetics, etc.
- Printband stopper feature protects against over-rotation of bands

Applications

Price Indication	Date Indication	Operator Code Indication

**SAMARK****Product Features**

- Uses industry standard, most popular punched-hole label
- SATO's flagship 1-line labeller
- Equipped with SATO's PSP mechanism, it prints both labels and liner simultaneously

Applications

Price Indication	Date Indication	Lot No. Indication

**KENDO 22P****Product Features**

- Uses industry standard, most popular punched-hole label
- Wide open path allows easy loading of labels
- Mess-free capsule type ink roller keeps hands clean when changing ink roller

Applications

Price Indication	Date Indication	Lot No. Indication

**KENDO 26****Product Features**

- Wider label supports longer text and prints up to 10 characters per line
- Wide open path allows easy loading of labels
- Mess-free capsule type ink roller keeps hands clean when changing ink roller

Applications

Price Indication	Date Indication	Lot No. Indication

**JUDO 23****Product Features**

- Wider label supports longer text and prints up to 10 characters per line
- Wide open path allows easy loading of labels
- Mess-free capsule type ink roller keeps hands clean when changing ink roller

Applications

Price Indication	Date Indication	Operator Code Indication

**SP MARK II****Product Features**

- Uses industry standard, most popular punched-hole label
- Equipped with SATO's PSP mechanism, it prints both labels and liner simultaneously

Applications

Price Indication	Date Indication	Item No. Indication

**AIRLIGHT****Product Features**

- Uses industry standard, most popular punched-hole label
- Super lightweight - Ideal for heavy-duty labelling
- Easy maintenance due to elegant structure and minimal parts

Applications

Price Indication	Date Indication	Part No. Indication

**KENDO 22****Product Features**

- Supports both rectangular labels and wavy labels
- Wide open path allows easy loading of labels
- Mess-free capsule type ink roller keeps hands clean when changing ink roller

Applications

Price Indication	Date Indication	Item No. Indication

**JUDO 22****Product Features**

- Prints up to 8 easy-to-read characters
- Wide open path allows easy loading of labels
- Mess-free capsule type ink roller keeps hands clean when changing ink roller

Applications

Price Indication	Date Indication	Lot No. Indication

**JUDO 26****Product Features**

- Prints up to 8 easy-to-read characters
- Wide open path allows easy loading of labels
- Mess-free capsule type ink roller keeps hands clean when changing ink roller

Applications

Price Indication	Date Indication	Lot No. Indication

Your Dedicated SATO Team at International Sales (ISS)

Philip Ooi
Regional Sales Manager, ISS Sales
Hong Kong, Macau,
Africa & Middle East Region
E: philip.ooi@sato-global.com
Tel: +65 6271 5300
Mobile: +65 9295 7868

SATO Asia Pacific Pte Ltd
No.11, Ubi Road 1, #03-01,
Meiban Industrial Building, Singapore 408723



Albert Park
Country Manager,
Korea Representative Office, ISS Sales
E: albert.park@sato-global.com
Tel: +82 2 761 5072
Mobile: +82 10 2558 9763

SATO Asia Pacific Pte Ltd Korea Representative Office
#1805, 18F, 8-13, Gwangpyeong-ro 56-gil,
Gangnam-gu 06367, Seoul Korea



Desmond Goh
Regional Business Development Manager, ISS
Middle East & Africa, Region
E: desmond.goh@sato-global.com
Tel: +65 6370 0250
Mobile: +65 8925 9461

SATO Asia Pacific Pte Ltd
No. 11, Ubi Road 1, #01-01
Meiban Industrial Building, Singapore 408723



Sales
iss.sales-sap@sato-global.com

Pre-Sales
dsc-sap@sato-global.com

Sales Support
iss-admin-sap@sato-global.com

Tech Support
techsupport-sap@sato-global.com

Product Marketing
Jonathan Chew
E: jonathan.chew@sato-global.com
Mobile: +65 8826 7637



Thank you!

 **+65 9825 9461**

 **desmond.goh@sato-global.com**

©2022 SATO HOLDINGS CORPORATION. All rights reserved.

This document is prepared based on information as of May 2022.

Specifications subject to change without notice.

Any unauthorized reproduction of the contents of this presentation, in part or whole, is strictly prohibited.

SATO is a registered trademark of SATO Holdings Corporation and its subsidiaries in Japan, the U.S. and other countries.

All other trademarks are the property of their respective owners.

202107-05