



Solutions for Supermarkets Smart In-store Operations



sato-oceania.com

Solutions for smart in-store operations

1. Versatile Label Printing

Print various types of labels using one printer model

Ingredient label

Nutrition Facts
10 servings per container
Serving size: 273 cups(60g)
Calories 310
Total Fat 12g
Sodium 230mg
Total Carbohydrate 45g
Protein 8g

Chelsea Bun
Ingredients: *White flour*, veg marg, *milk powder*, water, currants, yeast.
Use By: 12/03/20XX

Temperature record

Fried Chicken
Allergens: *Wheat (gluten)*
Produced: 10/03/20XX 15:17:21
END OF COOK TEMP: 85.4 °C
USE WITHIN 4 HOURS

Fried Chicken
Allergens: *Wheat (gluten)*
Produced: 10/03/20XX 16:17:00
TEMP AFTER 60mins: 80.12 °C
USE WITHIN 3 HOURS

Food rotation label

Chocolate dough
Lot No.: AD123456789
Made: 03.10.20XX 11:23
Discard: 03.20.20XX 11:23
Name: Richard

FLOUR
Use by: 03.10.20XX 12:50
Wheat, Milk
Net weight: 1kg
Opened: 02.10.20XX 15:30

Order slip

Order Confirmation
Date: 10/12/20XX
Store: XXXXX
Name: John Smith
Qty: 1
€28.99
Pick up date: 24/12/20XX

Click and collect label

BATH
Affix this label to your parcel
Order Number: 1234



3. HACCP Compliance

Collect temperature, hygiene, and other traceability data

Traceability label

BONELESS BEEF SA0310
TRACEABILITY CODE ORIGIN: AUSTRALIA
0123456789101101234567891011012345678910110123456789
SLAUGHTERED IN: SATO EST.70 3PC
CUTTING IN: SATO EST.70
PACKED ON: 10 - MAR 07 10:45
TOTAL TARE: 120 kg
NET WEIGHT: 34.86kg

Sell by weight label

CHICKEN BREAST
Product of USA
PACK DATE: 03.10.20
SELL BY: 03.12.20
Net weight: 0.582kg
UNIT PRICE: €8.99/kg
TOTAL PRICE: €5.99

2. Smart Service Counter

Drive in-store traffic with efficient customer service

4. Product Checking

Manage prices and best-before dates with speed

Shelf edge label

123456 Remove E3170
€10.00
Original Beauty Shampoo
12 fl oz (355ml)
exclusive clearance
SPECIAL

Markdown label

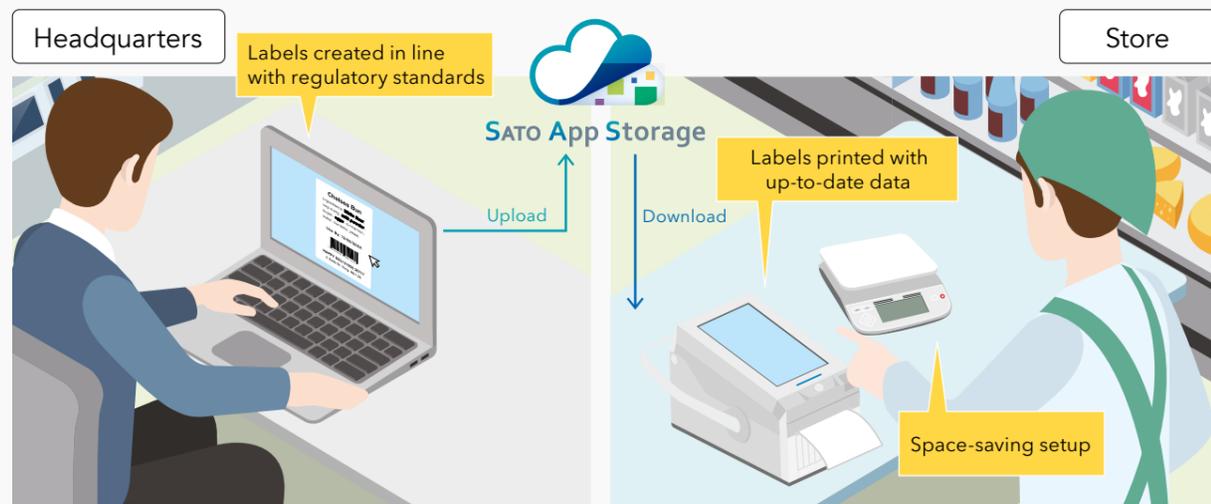
REDUCED
024567 891231024567 891231
special price **€28.99**



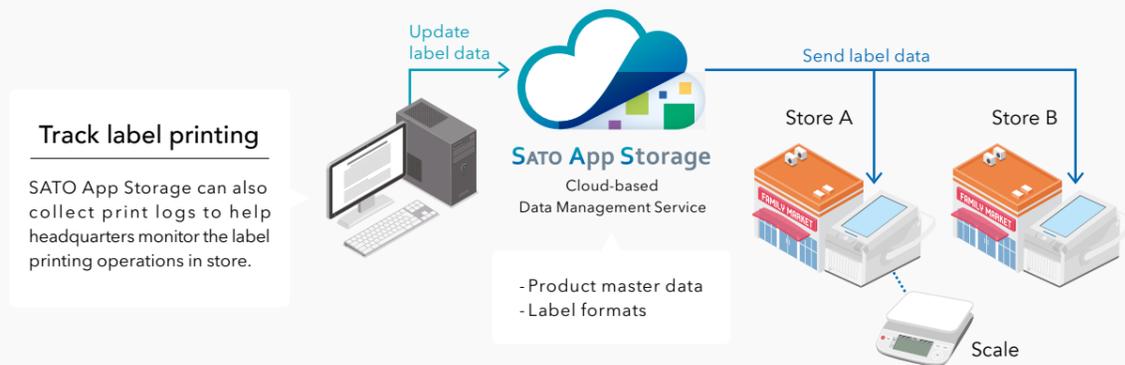
Increase food labelling compliance & efficiency

- Challenge**
- Food labelling requirements are complex and keep changing
 - Headquarters worry that not all in-store printers are using the correct label data
 - Stores have no space for bulky scale label printer machines

- Solution**
- ▶ Print labels based on the latest food labelling regulations
 - ▶ Manage data centrally to prevent mistakes
 - ▶ Save space by simply connecting label printer to weighing scale



System configuration



Standardise operations with one printer model

- Challenge**
- Different printers are used to print different labels
 - Workers are tied to the printers they are being trained to operate

- Solution**
- ▶ Print various types of labels using one printer model for work standardisation
 - ▶ Simplify training and enjoy flexibility in worker allocation



Connect to external devices for greater convenience

SATO offers printers that can connect to external devices for many applications. When connected to, for example, a weighing scale via Bluetooth, the printer can be carried around to print scale labels anywhere.



Support multi-interface connectivity (USB, LAN & NFC)
Wireless LAN and Bluetooth options also available.



+ Linerless label

An environmentally responsible solution with lower total cost of ownership

The use of linerless labels allows for printing in various layouts and sizes from the same roll. This cuts downtime associated with changing out label rolls and saves cost of stocking different sized labels.

- 30- 40% more labels per roll
- Less waste disposal translates to less carbon emission
- Less storage space required



+ SATO Online Services



IoT preventative maintenance for greater reassurance

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. Using it with SATO App Storage helps customers eliminate unplanned downtime and maintain stable operations for peace of mind.

Downtime due to printer errors cut by

86%

*Based on in-house estimates

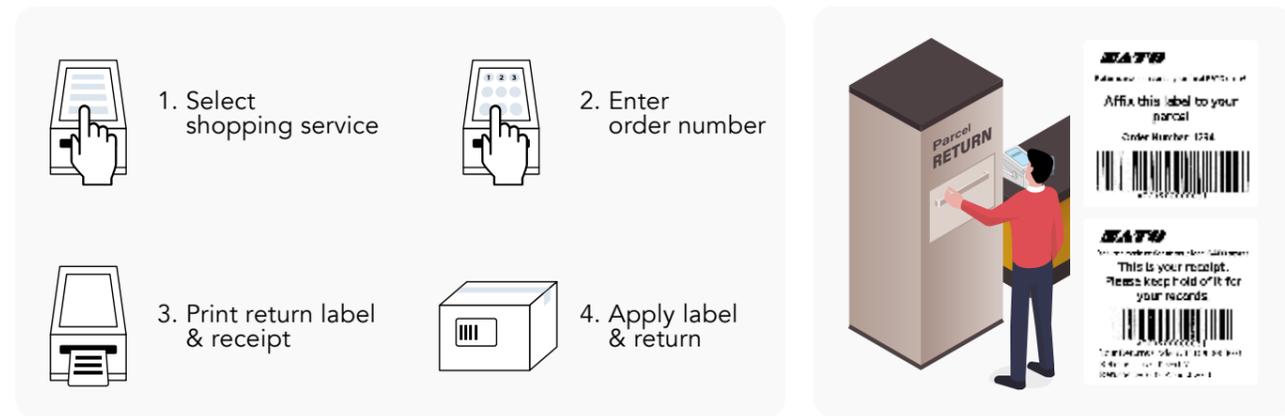
Video



Enable merchandise return via self-service kiosk

- Challenge**
- Store traffic is decreasing because consumers prefer the convenience of shopping online
 - Rise in e-commerce leads to an increase in returned goods
 - Return procedures are troublesome, and require added delivery cost and manpower

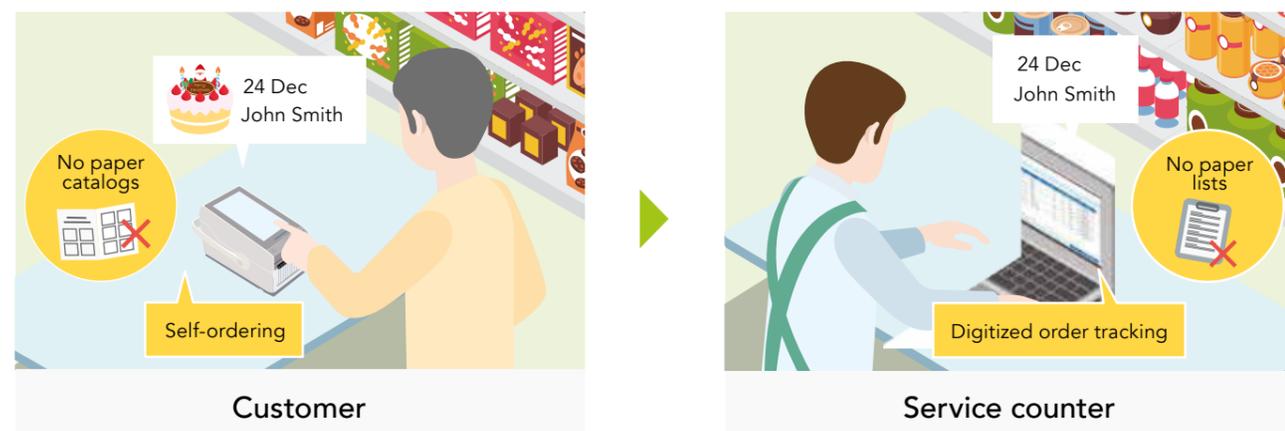
- Solution**
- ▶ Draw consumers to brick-and-mortar retail locations with services for returning online purchases in store
 - ▶ Print labels and receipts instantly to drop off returns on the spot



Support self-ordering for special occasions

- Challenge**
- Service staff struggle to take and manage orders for Christmas or other festive/event periods
 - Handwritten order forms need to be entered into the system manually
 - Order collection and cancellation are checked against paper lists

- Solution**
- ▶ Get customers to place orders and print out order slips on their own
 - ▶ Capture order data into the system automatically
 - ▶ Check order status and collection details in real time



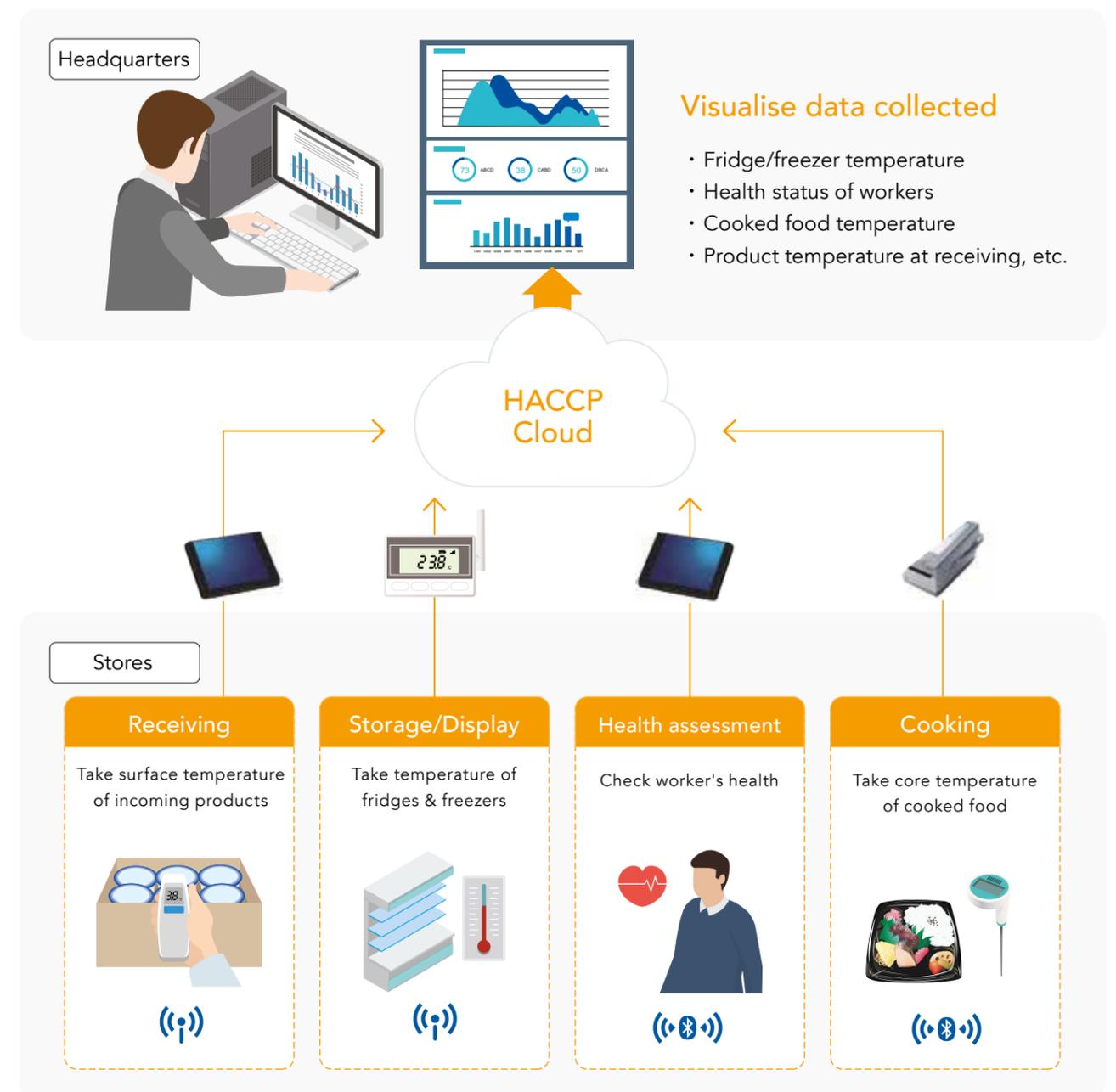
Achieve food safety and reassurance

HACCP compliance becoming an essential requirement for food retailers

Many countries including Japan mandate the HACCP guidelines to continuously monitor, record, and control critical parameters for food safety

- Challenge**
- Manually managing data for a huge number of devices is tedious and error-prone
 - Temperature taking is done multiple times a day, resulting in piles of log sheets

- Solution**
- ▶ Log and automatically store data of connected devices in the cloud database
 - ▶ View and find records easily from data collected



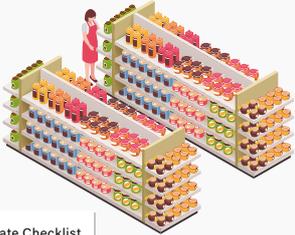
4. Product Checking

Identify expiring items accurately & effortlessly

- Challenge**
- Visually checking all items for expiry is labour-intensive
 - Stores risk selling expired items to customers
 - A lot of food waste due to best-before dates happens at the retail level

- Solution**
- ▶ Receive automatic alerts for items nearing their best-before dates
 - ▶ Ensure all expired items are identified and removed from shelves
 - ▶ Empower stores with data to mark down and sell items before they expire

BEFORE
Check all items on shelves



Best-before Date Checklist

Item	Date-in	Expire

80 hours

AFTER
Only look for items with expiry alerts




30 hours

Discount **40% OFF**

*All numbers based on internal calculations assuming implementation in 100 stores for a year

Check shelf price against checkout price instantly

- Challenge**
- Stores cannot be confident that all their items are correctly priced on shelves
 - Labels need to be re-printed from the backroom when there are inaccuracies in in-store pricing

- Solution**
- ▶ Apply shelf edge labels with QR codes that can be scanned very quickly in continuous mode to check prices easily
 - ▶ Re-print labels on the spot using portable printers



QR code

CAPERS 240G
€3.89
€2.52/100gdr.wt

Quick, Continuous Scan



Video

SATO Australia Pty Limited
Regional Headquarter - VIC
6 Federation Way, Chifley Business Park,
Mentone VIC 3194, Australia

Satellite Sales Office - NSW
Level 1, Unit 17, 75 Corish Circle,
Banksmeadow NSW 2019 Sydney, Australia

SATO New Zealand Limited
Regional Sales & Manufacturing
30 Apollo Drive, Mairangi Bay,
Auckland 0632, New Zealand

