
The First IoT Device Enabling Real-time Inventory Management and Auto-Replenishment in Japan
An IoT Device SMARTMAT
Full-fledged Service to Corporate Clients to be Launched from October, 15, 2018



Smart Shopping, Inc. (Headquarters: Shinagawa Ward, Representative: Takayuki Shiga / Hidetoshi Hayashi), operating price comparison website of daily consumption goods for retail customers, will launch the full-fledged solution services using an IoT device "**SmartMat**", enabling real time inventory management and auto replenishment, to corporate clients from October 15, 2018.

SmartMat is an inventory management IoT device equipping weight-based sensor and has broader utility, and it will automatically measure the residual %/unit of the measured products once they are simply put on the mat, enabling real time inventory management. With our cloud-based solution service targeting corporate clients, users can receive email notification once and make auto replenishment once the residual %/unit of the measured products falls behind (or exceeds) the preset threshold.

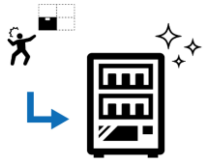
SmartMat can be installed in various cases in the wide range of industry, including office, restaurant, factory, warehouse, retail, hospital, and etc., and it will help you realize more efficient inventory management and replenishment, leading to the improvement of productivity.

1. 4 Immediate Benefits through SmartMat



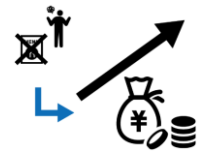
(1) Reduce Inventory Management and Labor Cost

SmartMat can automate the inventory management and replenishment process, and therefore users can reduce the time and labor cost that was spent for such inventory management and replenishment. No specific installation process is required to use SmartMat and cost competitive



(2) Eliminate Order Error

You can eliminate the order error as SmartMat automatically makes replenishment once the residual %/unit of the measured products falls behind the preset threshold



(3) Eliminate Stockout and Achieve Sales Maximization

SmartMat works 24 hours per a day, 365 days a year and eliminate the stockout, which results in the maximization of product sales



(4) Manage the Proper Level of Inventory

SmartMat will accumulate and analyze the inventory management data, and it will enable more advanced inventory management instead of traditional inventory management and order relying on hunch and past experience

2. Overview of SmartMat

Product Name	SmartMat	
Service Launch	October 15, 2018	
Type	<A3 Size> <ul style="list-style-type: none"> Size : W300×H400×D30(mm) Weight : Approx. 2.4kg (main body) Max Weight : Up to 100kg Min Measurable Weight : Per 100g 	<A4 Size> <ul style="list-style-type: none"> Size : W200×H300×D30(mm) Weight : Approx. 1.3kg (main body) Max Weight : Up to 30kg Min Measurable Weight : Per 10g
Key Features	<ul style="list-style-type: none"> Cable-less (require batteries and WiFi only) Seamlessly operate for 1 year with 4 AA batteries Solid durability + Splash Proof (IPX3) Certified for Japan, US, China and Taiwan 	
Others	<ul style="list-style-type: none"> 4 AA batteries / Can be connected to 6V AC adapter (sold separately) 	

3. Overview of Solution Service to Corporate Clients

Basic Services	<ul style="list-style-type: none"> · Provide mat management screen to monitor the residual %/unit · Email alert on increase/decrease of the measured products · Auto-replenishment via Email or fax (once per a day) · Customer support through the call center or email
Optional Services	<ul style="list-style-type: none"> · System connection with clients' replenishment system + auto order · Notification other than Email (e.g. API linkage)
Initial Registration Fee	<ul style="list-style-type: none"> · JPY50,000 (Special Campaign Price until the end of March 2019) * Delivery fee of SmartMat to be charged separately
Terms and Price	<ul style="list-style-type: none"> · JPY 500 – 1,000 per unit/month (approx. US\$5-10 per unit/month) * Including the usage of hardware SmartMat

4. Overview of Key PoC and Near Term Plan

Echigoya Corporation



Echigoya initiated the pilot test of inventory management and auto replenishment via eFax of dried fish in Shimpachi Shokudo Ikebukuro since the end of September. In the mid-term, Echigoya plans to develop customized refrigerator for SmartMat and automate the replenishment.

Ebiya Corporation



Ebiya uses SmartMat for auto replenishment of retail and miscellaneous goods for restaurant and souvenir shop. Through the pilot test over more than half a year, Ebiya already decided to install more than 200 SmartMat. In the near term, Ebiya plans to liaise SmartMat with their visitor forecast system and utilize SmartMat for an unstaffed store.

OZAX CORPORATION



Ozax concluded the partnership agreement with Smart Shopping, and provides the solution service leveraging replenishment Multi Platform System (MPS) system. On top of automated inventory management, Ozax plans to sell the comprehensive solution service that enables the perfect automatic replenishment services

KDDI CORPORATION



KDDI launched 「KDDI IoT Cloud – Mat Sensor」 using KDDI network together with SmartMat. Already initiated the pilot test in Chiyoda Ward, and plans to provide the value added solution service, leveraging KDDI network

Sojitz Corporation


Plans to utilize SmartMat for automatic inventory management of test reagent for research institution. Sojitz will act as the general agency for managing the solvent and in the mid-term, create the platform of test reagent for research institution

NIHON STERY CO., LTD.


Initiated the pilot test in hospitals using dozens of SmartMat, aiming to realize more efficient inventory management and auto replenishment of detergent for medical institution. In the mid-term, Nihon Stery aims to achieve the efficient management of endoscope and OP-Tek®

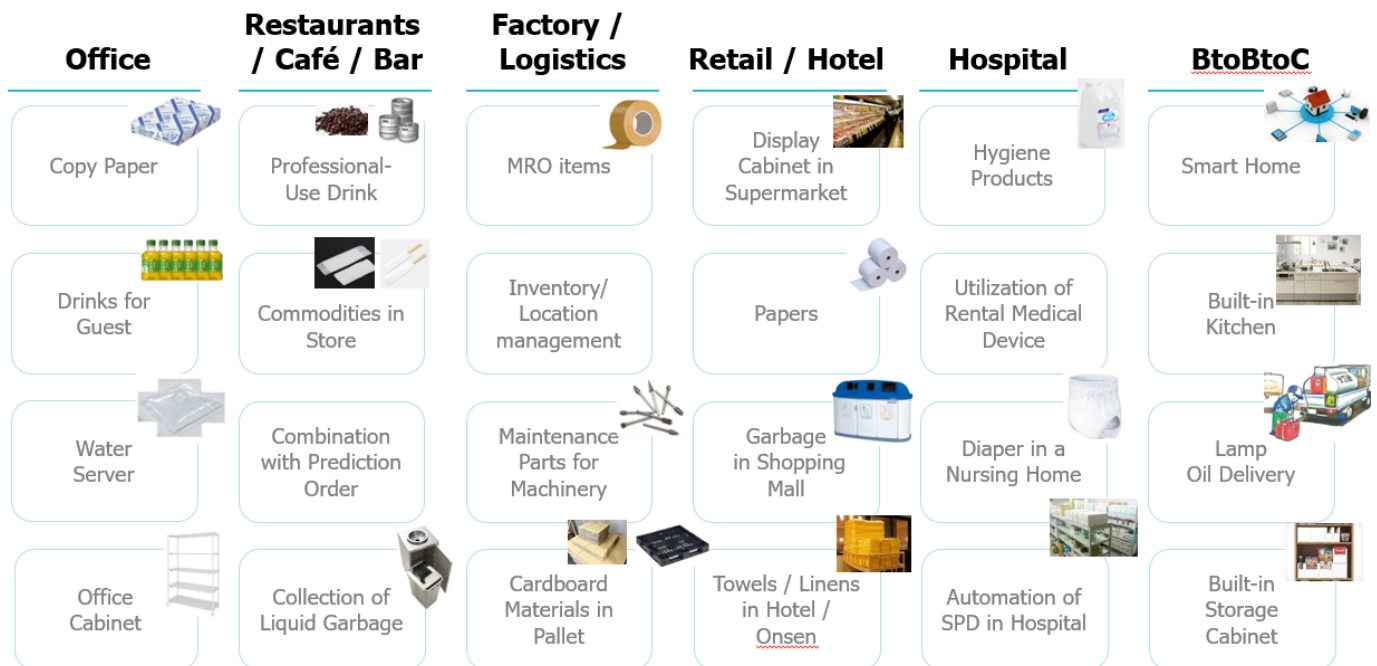
Fuji Xerox Co., Ltd.


Plans to utilize SmartMat service for auto replenishment of printing vendors' paper material and products. Initiate the pilot test in Fuji Xerox Show Room from October 2018

Media Wave Solutions. Inc.


MediaWave plan to initiate the inventory management and auto replenishment service of amenities goods in hotels by the end of this year, aiming to automatic inventory management. In the mid-term, MediaWave aim to combine their solution and realize automatic replenishment and greater customer satisfaction in the buffet space in hotels

Our inventory management and auto-replenishment solution has already commands strong demands from the wide range of industries, including office, restaurant, warehouse, factory, retail, hospital, and etc.



5. Corporate Overview

Corporate Name	• Smart Shopping, Inc.
Representative	• Takayuki Shiga / Hidetoshi Hayashi
Found	• November 2014
Location	• Planet Bldg. 5F, Nishi-Gotanda, Shinagawa-Ward, Tokyo
Capital	• JPY 220,930 thousand (including capital reserve)
Business Domain	• Operate price comparison website for retail customers • Inventory management and auto replenishment solution service with SmartMat
URL	• SmartMat (BtoB): https://smartmat.jp/ • Smart Shopping (BtoC): https://smashop.jp/ • Corporate Website: https://smartshopping.co.jp

[BtoC Business]

Purchase Support Service (Price Comparison and Auto-Replenishment)

Operate price-comparison website of daily consumption goods, and provide residual forecast and auto-replenishment service to retail customers



[BtoB Business]

Inventory Management and Auto Replenishment Solution Service

Provide inventory related solution via SmartMat, enabling real time inventory and auto replenishment for wide range of industry (e.g. warehouse, office, restaurant, retail hospital, and etc.)

