



smart cosmos
by Smartrac

Enablement System

Effectively Digitize Your Physical Products

To effectively digitize a physical product, Smartrac brings together world-class hardware and software into your factory or distribution center providing your products with a unique secure digital identity within the Smart Cosmos Cloud; the system set-up at a manufacturing line can be done in minutes and digitizing a single product can be achieved in seconds.

The Smart Cosmos Enablement System is geared towards brand managers to provide them with a vehicle to merge and authorize unique secure digital ID's to their physical products within the cloud. This process results in the creation of a digital twin (digital ID) which can provide the brand with real-time access to this data and have it pushed into their respective ERP and CRM platforms for further benefits.



Benefits

- Giving physical products a secure digital identity in the cloud
- Restricting production of authorized products to defined amounts
- Enabling real-time visibility into production output, supply chain, operational data and consumer data
- Providing consumers with a great experience while purchasing products
- Addressing counterfeiting by tagging each product with a secure unique ID inside the RFID tag
- Creating digital identities of your products and associating them with a specific consumer for promotion/marketing
- Enabling consumers to verify the authenticity of the product at the point-of-purchase

Supported Readers

The following readers and scanners are currently supported. Additional hardware can be added as extensions (e.g. other readers or printers).

- NFC Reader FEIG, CPR40.30-USB
- Barcode Reader Data Logic Gryphon™ | GPS4400
- UHF Reader CAEN RFID Tile R1250I

Key Software Capabilities

- Generic enablement processes with NFC, UHF, Barcode, QR Code and input actions
- Remote application updates and remote support
- Uniqueness check for NFC UID, UHF TID and QR Code URL
- Configurable UHF read range



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Hardware

- Ruggedized POS Terminal Posiflex RT5016

System Configuration

- Intel Skylake Core i3-6100U, dual core, 2.30 GHz, 3M cache
- 4GB Memory (expandable up to 16 GB), SSD 128GB, Ubuntu
- AC-DC Switching Power Adapter, AC 100-240V 2,5A / 50-60Hz, DC 12V / 80W

Display

- 15,6" TFT LCD Touch screen with non-reflective glass
- HD Resolution (1920 × 1080)

I/O Expansions

- 7 × USB
- Wi-Fi

- Bluetooth
- Gigabit LAN
- Certifications
 - CCC
 - REACH and RoHS compliant
 - Others
- Fan-less - suitable for harsh conditions
- Audio: One internal 2W speaker
- Physical Dimensions: 402 × 192 × 292 (W × D × H in mm)
- VESA 75 Mounting
- Operating Conditions: 0° C – 50° C, 20% RH - 90% RH
- Storage Conditions: -20° C – 70° C, 10% RH - 90% RH
- Extensions possible, e.g. Magnetic Stripe Reading, RFID Access Reader, Fingerprint Sensor.

Contact: Sales & Customer Service

smartrac-group.com/contact

Smartrac N.V. · Strawinskylaan 851

1077 XX Amsterdam · The Netherlands

Phone: +31 20 30 50 150 · Fax: +31 20 30 50 155