

AdvanPrint™

Cloud-based RFID encoding & printing system



Product overview

AdvanPrint is a **cloud-based RFID encoding and printing system**, that comprises 4 elements:

- RFID printer
- AdvanScan handheld reader or a conventional computer
- AdvanPrint software module (installed in AdvanScan or in a computer)
- AdvanCloud cloud-based software

AdvanPrint is optimized to accurately and efficiently **print and encode labels** for multiple tracking applications.

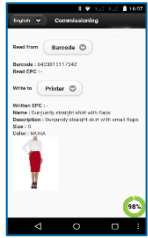
AdvanPrint is **easy and quick** to manage from **any location around the globe** through [AdvanCloud](#) (cloud based software). It prints and encodes hundreds or thousands of RFID tags at retail stores, offices, distribution centers, warehouses, or other spaces.

AdvanPrint offers a **complete encoding solution**.

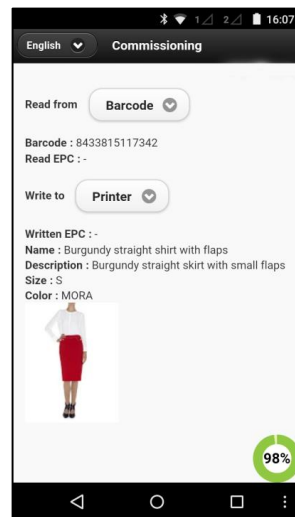
It can be managed with the AdvanScan handheld reader, or with a conventional computer.

Product features

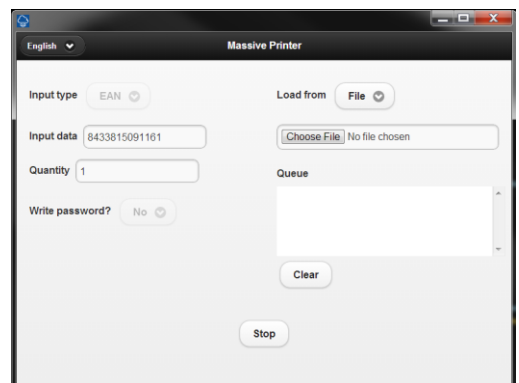
AdvanPrint is plug & play. It does not require any external computer, nor any installation. It only needs to be powered and connected to WiFi or to Ethernet, and it starts printing and encoding tags.



With AdvanScan (Android)



With a computer (Windows)



Benefits:

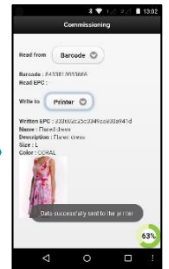
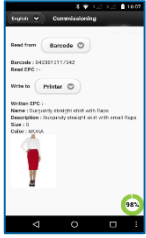
- Easy, fast and effective printing and encoding
- Connected to the cloud
- No need of a local computer nor local software
- Prints anywhere
- Convenient to manage from any location
- Plug and play

Applications:

- Retail stores
- Distribution centers
- Libraries
- Hospitals
- Warehouses
- Factories
- Other spaces

Process when managed with AdvanScan:

1. The user opens the AdvanPrint software module in AdvanScan
2. With AdvanScan, the user scans the barcode of an item, or reads the RFID tag of an item, or writes manually the code of an item.
3. AdvanScan retrieves the information of the scanned item from AdvanCloud (size, price, composition, etc.).
4. AdvanScan sends this information to the RFID printer.
5. The RFID tag is printed and encoded.
6. AdvanScan shows the information of the encoded items on its screen: name of the item, description, size, image, etc.



Scheme of operation when managed with AdvanScan:

AdvanCloud servers

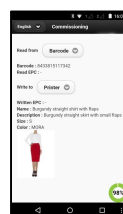
AdvanCloud GUI



AdvanScan

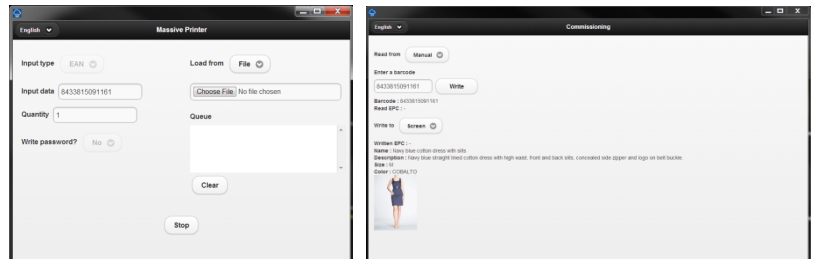
RFID printer

With AdvanPrint software module installed



Process when managed with a computer:

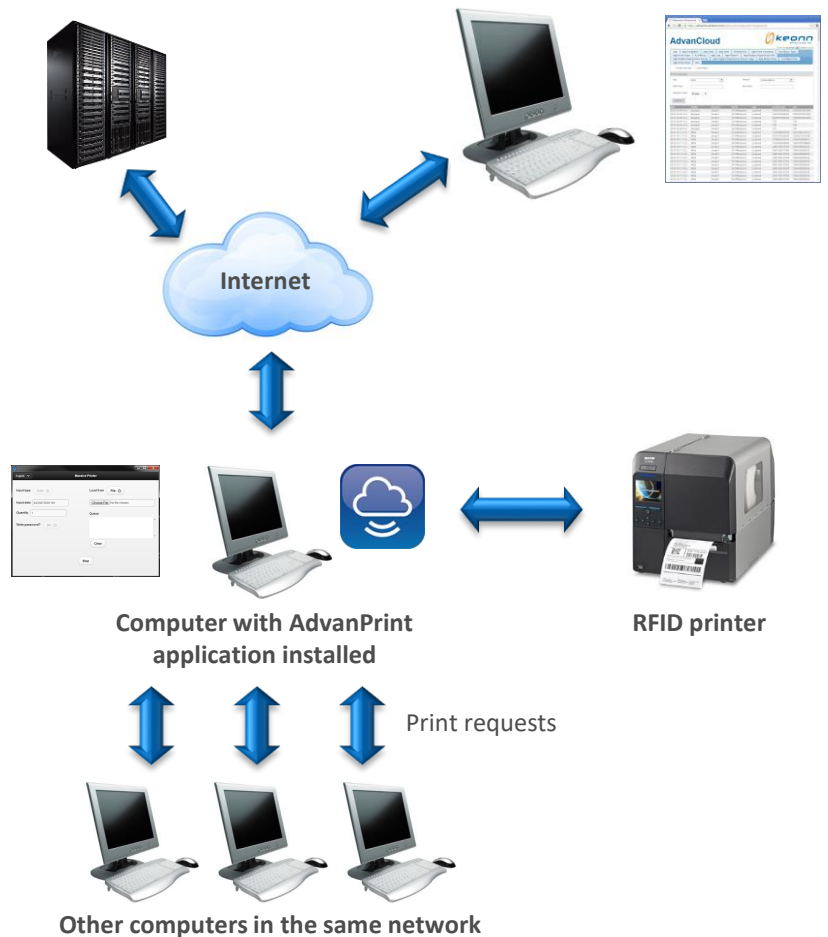
1. The user opens the AdvanPrint software in the computer where it is installed, or sends print commands from any other computer in the same network
2. The user can select to print individual labels, or can print a large set of labels (by dragging the codes, by loading from a file or by loading from a URL)
3. AdvanPrint retrieves the information of the selected items from AdvanCloud (size, price, composition, etc.).
4. AdvanPrint sends this information to the RFID printer.
5. The RFID tags are printed and encoded.
6. AdvanPrint shows the information of the encoded items on its screen: name of the item, description, size, image, etc.



Scheme of operation when managed with a computer:

AdvanCloud servers

AdvanCloud GUI





Compatible RFID printers:

AdvanPrint is available for 3 printer models:

- AdvanPrint small (Zebra ZD500r) for retail stores, small distribution centres, libraries, etc.
- AdvanPrint large (Zebra ZT400 and SATO CL4NX 203) for industrial environments (distribution centres, warehouses, factories, etc.)

Specifications AdvanPrint small (Zebra ZD500r)

Air Protocol Interface	EPC global UHF Class 1 Gen 2 / ISO 18000-6C
Supported region	ETSI (EU, IN) 865.6 MHz - 867.6 MHz
Resolution	203 dpi/8 dots per mm 300 dpi/12 dots per mm
Memory	128 MB Std memory (4 MB user available) 256 MB Std Flash memory (56 MB user available)
Maximum Print Speed	152 mm per second (200 dpi) 102 mm per second (300 dpi)
Print methods	Thermal transfer and direct thermal
Connection	Wi-Fi and Ethernet
Temperature	+ 5 °C to + 41 °C
Size	193 mm x 191 mm x 254 mm (7.6 in x 27.6 in x 2.7 in)
Weight	2.2 kg (77.6 oz)

Specifications AdvanPrint large (Zebra ZT410)

Air Protocol Interface	EPC global UHF Class 1 Gen 2 / ISO 18000-6C
Supported region	ETSI (EU, IN) 865.6 MHz - 867.6 MHz
Resolution	203 dpi/8 dots per mm 300 dpi/12 dots per mm 600 dpi/24 dots per mm
Memory	256 MB RAM memory (4 MB user available) 512 MB Flash memory (64 MB user available)
Maximum Print Speed	356 mm per second
Print methods	Thermal transfer and direct thermal
Connection	Ethernet (additional Wi-Fi module available)
Temperature	+ 5 °C to + 41 °C
Size	269 mm x 324 mm x 495 mm (10.6 in x 12.8 in x 19.5 in)
Weight	16.3 kg (575 oz)

Specifications AdvanPrint large (SATO CL4NX 203)

Air Protocol Interface	EPC global UHF Class 1 Gen 2 / ISO 18000-6C
Supported region	868 MHz - 920 MHz
Resolution	203 dpi/8 dots per mm 305 dpi/12 dots per mm 609 dpi/24 dots per mm
Memory	2GB ROM, 256MB RAM for Linux OS 4MB ROM, 64 MB RAM for ITRON OS
Maximum Print Speed	254 mm per second
Print methods	Thermal transfer and direct thermal
Connection	Ethernet, Bluetooth Ver.3.0 (only for NA & EU) (additional Wi-Fi module available)
Temperature	0°C to + 40 °C
Size	271 mm x 457 mm x 321 mm (10.7 in x 18 in x 12.6 in)
Weight	15.1 kg (33 lbs)



Product codes for ordering

ADPR	-	M	
			M = Model
		SATO-WWCL06060EU	AdvanPrint large (SATO CL4NX 203)
		ZEBRA-ZD50042-T0E3R2FZ	AdvanPrint small (Zebra ZD500r)
		ZEBRA-ZT41042-T0E00C0Z	AdvanPrint large 203 dpi (Zebra ZT410)
		ZEBRA-ZT41043-T0E00C0	AdvanPrint large 300 dpi (Zebra ZT410)

Examples:

- **ADPR-SATO-WWCL06060EU:**
 - AdvanPrint
 - Model: SATO CL4NX 203 dpi - WWCL06060EU
- **ADPR-ZEBRA-ZT41042-T0E00C0Z:**
 - AdvanPrint
 - Model: Zebra EU 203 dpi - ZT410 printer- ZT41043-T0E00C0Z