keonn

RFID Cloud
Software

AdvanCloud ™
Cloud-based software
platform

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Barcelona
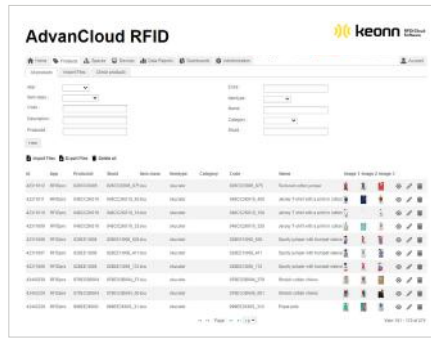London
Los Angeles

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AdvanCloud ™
Cloud-based software platform

Benefits:

- Access to real time information of the detected RFID tags and events in any location, from anywhere and at any time
- Easy and efficient remote management of Keonn products
- Remote management of content and user interface of Keonn interactive retail systems
- High scalability and flexibility
- Integrated pricing, including software application, data hosting and technical support
- Reduction of deployment time
- Reduction of spending on technology infrastructure
- Reduction of operational and maintenance costs

Applications:

- Retail stores
- Libraries
- All applications using Keonn products

Product overview

AdvanCloud is a **cloud-based software platform** for remotely managing Keonn RFID systems:

- Encoding systems
  - Encoding stations: AdvanStation
  - RFID printers: AdvanPrint
- Inventory and tracking systems
  - Handheld readers: AdvanScan
  - Inventory robots: Robin
  - Overhead antenna systems: AdvanTrack
  - Smart shelves and smart displays: AdvanShelf, AdvanDisplay
  - Tracking systems: AdvanFlow, AdvanPortal
- Interactive retail systems
  - Recommendation systems: AdvanLook
  - Interactive fitting rooms: AdvanFitting
  - Smart mirrors: AdvanMirror
- Point of sales systems: AdvanPay, AdvanGo
- Loss prevention systems
  - Overhead: AdvanSafe
  - Floor: AdvanMat
  - Pedestals: AdvanGate

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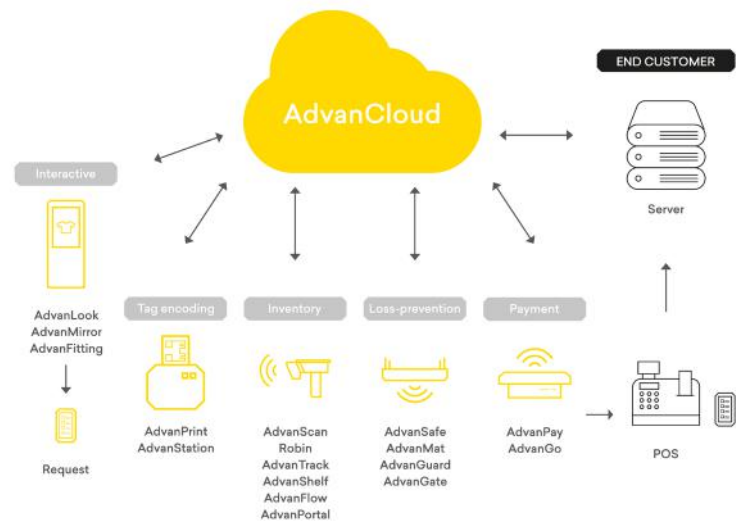
AdvanCloud RFID

Main functionalities
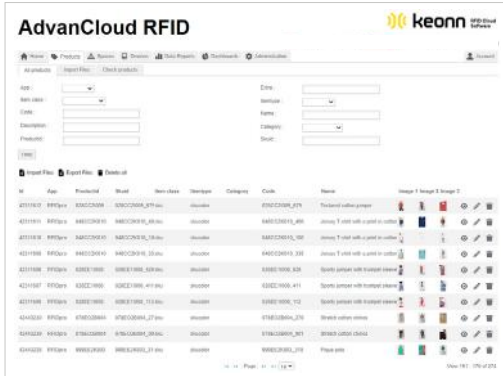
All the **detected RFID tags** are recorded and stored in AdvanCloud in **real time**, and can be accessed from anywhere and at any time.

All the **interaction events** between the shopper and AdvanLook/AdvanFitting are also recorded and stored in AdvanCloud.

All the data stored in AdvanCloud can be easily exported or queried, in order to generate **reports**, apply **business intelligence** techniques, etc.

AdvanCloud also provides the **interactive user interface** for AdvanLook and AdvanFitting. This user interface can be easily customized for each retailer by using HTML5 and Javascript.

New **content** (images, videos, product descriptions, cross-selling rules, etc.) are easily uploaded to AdvanCloud. AdvanCloud automatically downloads the content to all AdvanLook/AdvanFitting units installed at retail stores.

Content import and **data export** can be executed remotely by **REST API** that makes the integration with other systems very easy.

AdvanCloud also controls and manages the **tablets/PDAs** that store staff use to receive requests from shoppers and to answer these requests.

AdvanCloud™ servers

Internet

AdvanCloud™ GUI
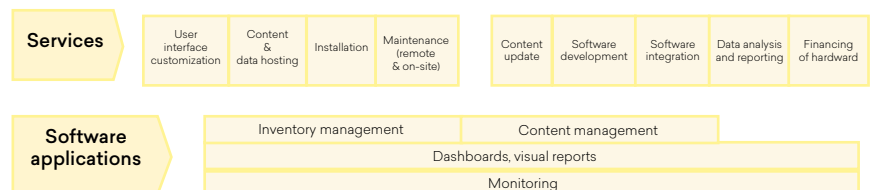
Location 1   Location 2   Location N
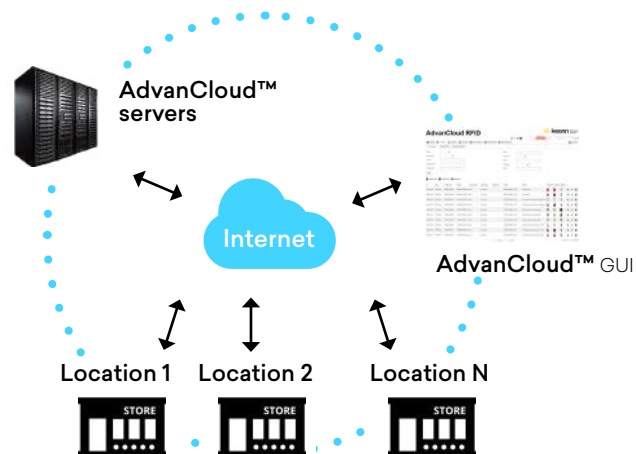
Benefits for Keonn partners

With AdvanCloud, **Keonn partners** can generate **new sources of revenue** by building **new software applications** for retailers and providing new services to retailers:
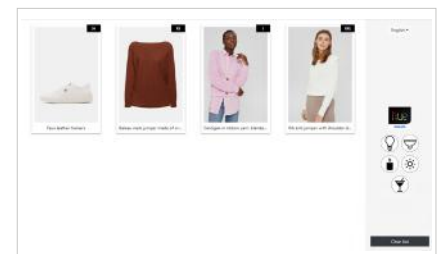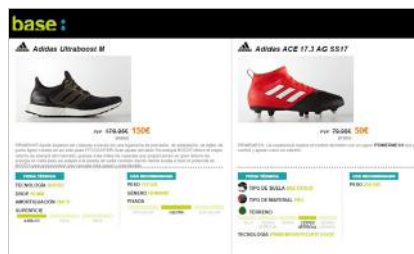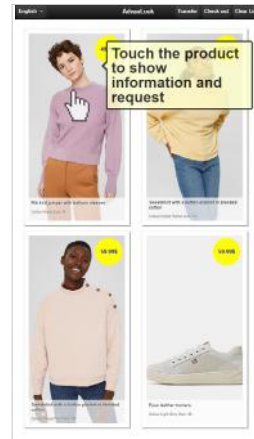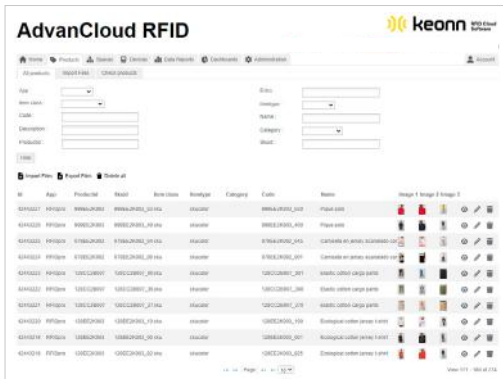- Upload and update content
- Verify consistency of the uploaded content and detect any missing content
- Modify the user interface of AdvanLook and AdvanFitting
- Develop dashboards and reports
- Export interaction data in order to apply business intelligence techniques
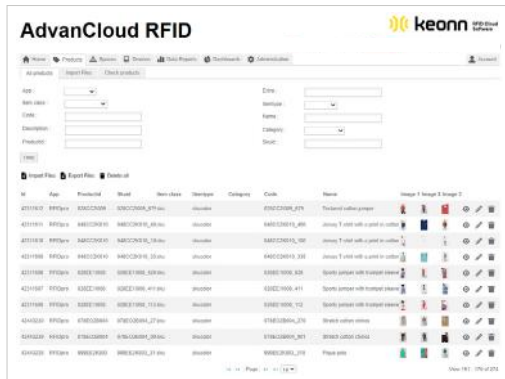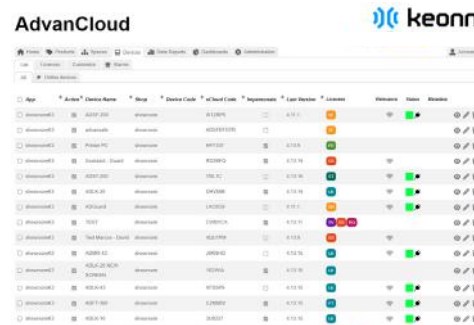- …

	Basic services				Optional services				
Services	User interface customization	Content & data hosting	Installation	Maintenance (remote & on-site)	Content update	Software development	Software integration	Data analysis and reporting	Financing of hardware

Software applications	Inventory management	Content management
	Dashboards, visual reports	
	Monitoring	

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Screenshots of AdvanCloud user interface (examples of templates)

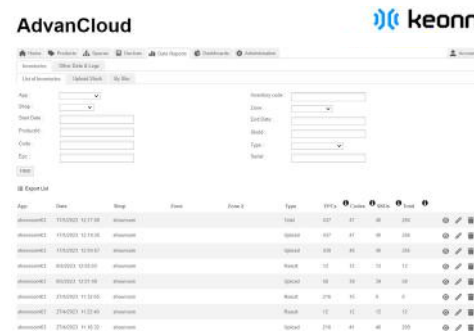# AdvanCloud ™
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Screenshots of AdvanCloud GUI

Device Management

Inventories

Log Reports

Alarm Reports

Inventory Dashboard

Alarms Dashboard

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