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SmartInventory

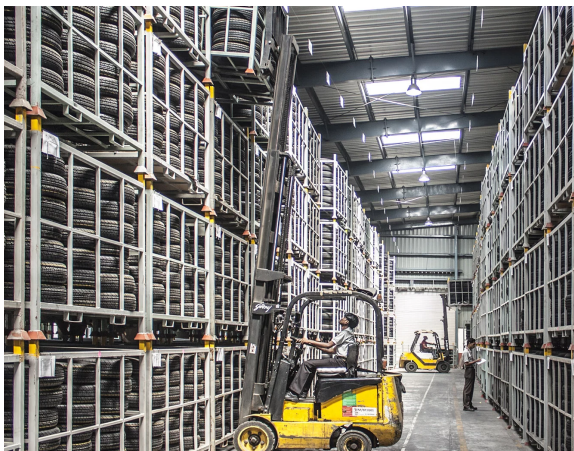
An RFID inventory management system

Product Overview

SmartInventory is a customizable cloud-based RFID inventory management system. Our system can be used for manual stocktaking in retail applications, as well as automated stock taking for warehouses. The SmartInventory system combines RFID microchips embedded into price labels or tags, with handheld and fixed RFID scanner technology and Cloud-based data storage as well as integration to POS, warehouse management systems and ERP systems.

Manual Stock Taking

With SmartInventory, stocktaking is as simple as walking past shelves with a handheld scanner which automatically scans up to 700 items per second making it possible to do a complete stock take within a matter of minutes. An inventory count can be completed for a whole store within the time it takes to cash up, making it possible for stock taking to become part of the daily routine.



Automated Stock Taking

Fixed RFID readers are used for warehouse scenarios where stock arrivals and departures can be detected automatically by simply driving past the scanners with a forklift. Even pallet handling such as picking and putting is automated by fitting fixed RFID scanners to forklifts.

Over the past decade, many of the world's leading retailers have realised the importance of efficient inventory management. Without proper inventory management, employees cannot easily retrieve items from storage at the request of customers. Valuable time is lost trying to search for and locate items, many of which go missing or out of stock. Retailers also find surplus stocks at the end of sales seasons which then has to be sold at discount or even below cost. An efficient inventory management system can increase sales by 30% - 100% and reduce the amount of stock which needs to be discounted. Regular stock taking is the key to success, and our technology makes this process quick and accurate.

Features and Benefits

- Scanning up to 750 items per second at a distance of up to 10 meters
- Inventory count is displayed per SKU
- Quick and easy comparisons between stock reduction and reported sales
- Size, colour, expiration date and batch tracking are easily integrated

Tags and Labels

- Tags attached by clothing suppliers
- Retailers attach a price tag with an embedded microchip
- Re-usable security tag with embedded microchip



MSL UHF Smart Label



EAS Labels



EAS Hard Tags with RFID



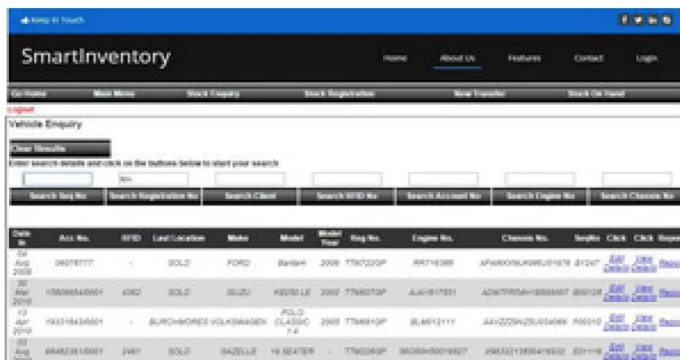
LRH200 RFID & Barcode Scanner



LR100 Long Range UHF RFID Reader

Compliance

SmartAsset was developed by Techsolutions. Techsolutions supply turn key solutions which complies fully with South African regulations by ICASA and SABS.



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Vehicle Enquiry

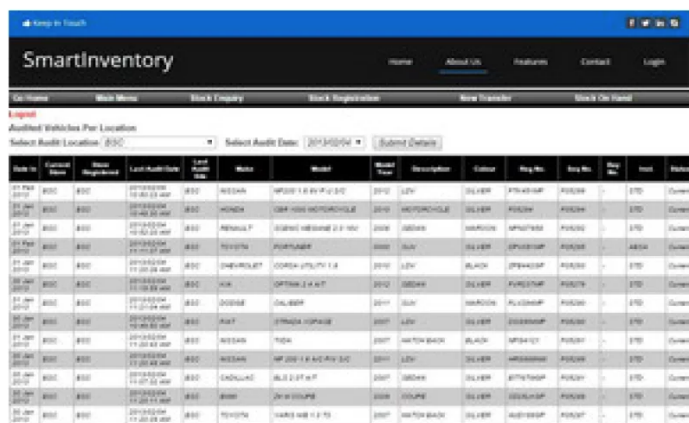
Clear Results

Enter search details and click on the buttons below to start your search

Search by Reg No. Search by Registration No. Search by Class Search by VIN No. Search by Asset No. Search by Engine No. Search by Chassis No.

Date	Alt. No.	STED	Last Location	Make	Model	Model Year	Reg No.	Engine No.	Chassis No.	Search	Click	Click	Report
24 Aug 2018	20078777	-	SOLD	FORD	BANHO	2008	T787220P	AK714288	AP68000000000000000000	AK714288	AK714288	AK714288	AK714288
20 Aug 2019	10000000000000000000	AK714288	SOLD	BMW	1160D	2008	T787220P	AK714288	AK714288	AK714288	AK714288	AK714288	AK714288
13 Apr 2019	10000000000000000000	AK714288	SOLD	BMW	1160D	2008	T787220P	AK714288	AK714288	AK714288	AK714288	AK714288	AK714288
10 Aug 2019	10000000000000000000	AK714288	SOLD	BMW	1160D	2008	T787220P	AK714288	AK714288	AK714288	AK714288	AK714288	AK714288

Web Based Inventory Search



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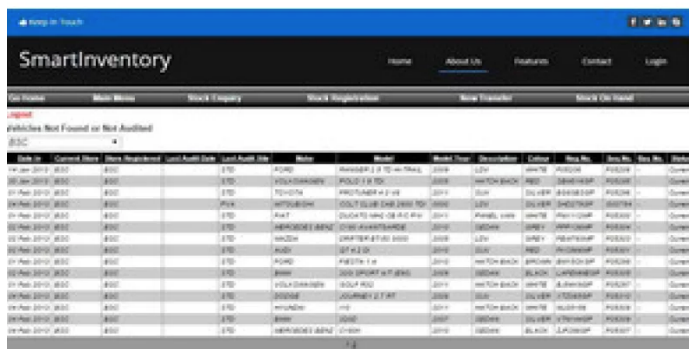
Stock Take

Select Audit Location: 2007

Select Audit Date: 2019-08-24

Date	Alt. No.	STED	Last Location	Make	Model	Model Year	Reg No.	Engine No.	Chassis No.	Search	Click	Click	Report
24 Aug 2018	20078777	-	SOLD	FORD	BANHO	2008	T787220P	AK714288	AP68000000000000000000	AK714288	AK714288	AK714288	AK714288
20 Aug 2019	10000000000000000000	AK714288	SOLD	BMW	1160D	2008	T787220P	AK714288	AK714288	AK714288	AK714288	AK714288	AK714288
13 Apr 2019	10000000000000000000	AK714288	SOLD	BMW	1160D	2008	T787220P	AK714288	AK714288	AK714288	AK714288	AK714288	AK714288
10 Aug 2019	10000000000000000000	AK714288	SOLD	BMW	1160D	2008	T787220P	AK714288	AK714288	AK714288	AK714288	AK714288	AK714288

View Audited Inventory Items



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Stock Take

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Date	Alt. No.	STED	Last Location	Make	Model	Model Year	Reg No.	Engine No.	Chassis No.	Search	Click	Click	Report
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10 Aug 2019	10000000000000000000	AK714288	SOLD	BMW	1160D	2008	T787220P	AK714288	AK714288	AK714288	AK714288	AK714288	AK714288

Inventory Items Not Found

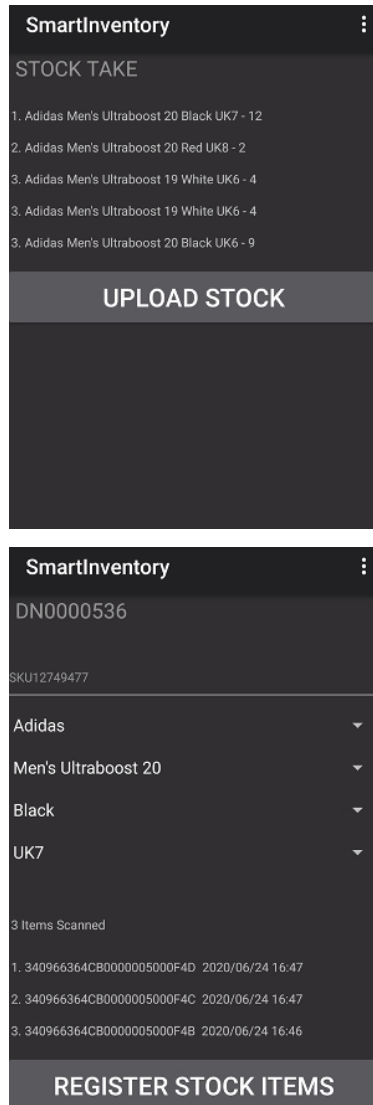
Further Information:

<https://www.techsolutions.co.za/rfid-inventory-management>

Contact: sales@techsolutions.co.za

SmartInventory Architecture

SmartInventory is a Cloud based solution which can easily be rolled out to multiple stores, and integrated into main warehouse management and ERP systems such as SAP, Syspro and Oracle.



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STOCK TAKE

- Adidas Men's Ultraboost 20 Black UK7 - 12
- Adidas Men's Ultraboost 20 Red UK8 - 2
- Adidas Men's Ultraboost 19 White UK6 - 4
- Adidas Men's Ultraboost 19 White UK6 - 4
- Adidas Men's Ultraboost 20 Black UK6 - 9

UPLOAD STOCK

SmartInventory

DN0000536

SKU12749477

Adidas

Men's Ultraboost 20

Black

UK7

3 Items Scanned

- 340966364CB0000005000F4D 2020/06/24 16:47
- 340966364CB0000005000F4C 2020/06/24 16:47
- 340966364CB0000005000F4B 2020/06/24 16:46

REGISTER STOCK ITEMS