RFID
Success stories

A collection of customer success stories with Brady's complete RFID solutions

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Looking for a specific application?
Click to find related success stories

On-metal RFID labels

Custom sized pre-printed labels

Custom coloured labels

Temperature sensing labels

Moisture sensing labels

LED RFID labels

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PNO: BRADY RFID
SEQ: 101-7
MFR: 12345
DMF: 15042022
DESCR: RFID_SAMPLE

SAMPLE
18112022
AB-305-20-02

ARTICLE No.
07BAE-4591

Inventory of laptops in IT department

A global consulting leader looking to improve laptop inventory management due to high staff turnover.

Challenge(s)
High staff turnover led to difficulty maintaining an accurate, up-to-date inventory, impacting timely equipment availability.

Solution
Real-time inventory managment with a RFID Duraguard lookalike label. A fixed ceiling mounted RFID reader that detects all RFIDs in the IT room.

Benefits
Reduced risk of loss, enhanced operational efficiency, time and cost savings are achieved through smoother workflows

Benelux

Project timeline
Project completed May 2023

RFID Labels & Hard Tags
Custom made On-metal RFID label with resistant topcoat

Hardware
HH85

Software & Integration
N/A

If Found, please call
Toll-free (877) 728-0645
Outside the U.S call collect
(202) 728-0645

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Vehicle distribution

A major automobile manufacturer looking to improve operational efficiency in the vehicle storage yard.

Challenge(s)
Finding the right car at storage yards for transportation, vehicle identification is laborious and challenging at times, reducing paperwork and manual digitalization.

Solution
RFID tags embedded in bumpers or behind windshields enable the process. Picking data is provided by ERP to middleware to mobile app, and vehicles are located and identified with handhelds.

Benefits
Locate vehicles weather-independently, faster identification with fewer staff, swift delivery, and shipping processes result in time and cost savings.

Germany

Project timeline
18 months to define & implement the solution

RFID Labels & Hard Tags
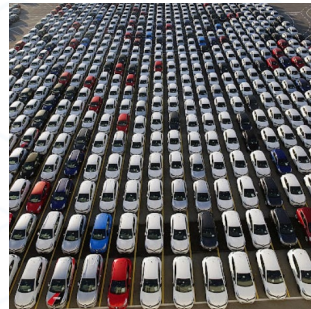Customised on-metal RFID labels with long reading distance (12m)

Hardware
Handheld readers HH85 & cross dipole antennas

Software & Integration
In cooperation with an external supplier

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Inventory of police cars

Forensic investigators gather evidence like fingerprints, hair and blood traces from crime scenes or accidents. They use specialised tools which need to remain in the cars for the next intervention.

Challenge(s)
When a police car returns from an intervention, the customer wants to manually scan the assets the determine if all items are still in the car. These can be all kinds of different items, from tools to an AED.

Solution
Provide all assets with the correct RFID label and manually scan with a handheld reader which will show if all the assets are in the car and which ones are missing.

Benefits
Reduce time when checking the presence of all assets by scanning the car when it returns from an intervention

Europe

Project timeline
Initial discussion October 2023 and finalized by end of November 2023

RFID Labels & Hard Tags
Standard on- and off-metal label + customised laundry tag

Hardware
Brady HH85 Reader

Software & Integration
Standard RFID track app

BRADY®

Tracing surgery/medical equipment

A tracking and software integration specialist required RFID labels for traceability in a hospital.

► Challenge(s)
The hospital wanted a rapid and seamless process for checking all medical equipment and laundry.

► Solution
A variation of specialised labels has been provided to ensure comprehensive tracking and accountability for all the different types of goods.

► Benefits
No more manual interventions needed in the search and gathering of equipment and laundry, freeing up personnel, streamlining operations and improving efficiency.

North-Africa

Project timeline
Project started in March 2022 and after extensive testing the customer accepted the solution in January 2023

RFID Labels & Hard Tags
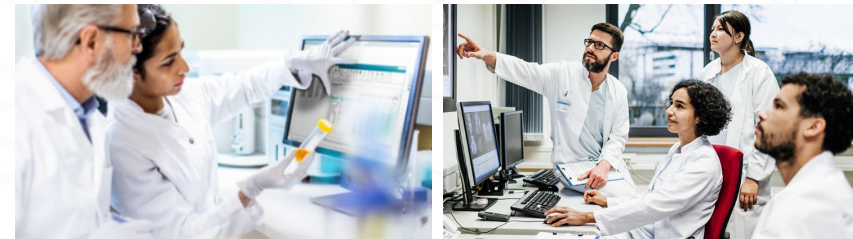Labels presized for petridishes & slides with preprinted & pre-encoded information

Hardware
N/A

Software & Integration
N/A

BRADY.

Tracking parts at VSM

The customer is a global pioneer in the aerospace industry, operating in the commercial aircraft, helicopters, defence and space sectors.

Challenge(s)

Existing identification solutions of parts in Vertical Storage Machine are not precise enough. Efficient handling of individual parts is a challenge. Inaccurate stock and high costs related to human errors. Looking for lost parts require several people full time job, and result in delayed shipping and delayed reparation of planes.

Solution

Flyable parts equipped with smart labels to receive a unique identity. IoT Edge devices and antennas track what is going in and out. Connected to IoT platforms e.g. using MQTT network protocol. Readers are connected to customer global IoT platforms using MQTT network protocol.

Benefits

Reduced time for development as the reader communicate with existing Iot Platform. Accurate identification on item level. Optimized process time with less picking errors. Detailed reporting and analysis.

Europe

Project timeline
Initial discussion in early 2022, followed by proof of concept two months later and extensive testing. Phased implementation started in May 2023, with full execution achieved by the end of that year.

RFID Labels & Hard Tags
Small & large customised paper labels with UHF RFID

Hardware
FR22 reader, GA30 antenna

Software & Integration
Embedded RFID Edge application in FR22 Cloud AWS Iot Platform

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Tracking of valves during plant shutdown

A company operating in the wholesale industry of liquid and gaseous fuels, seeking to reduce shutdown times
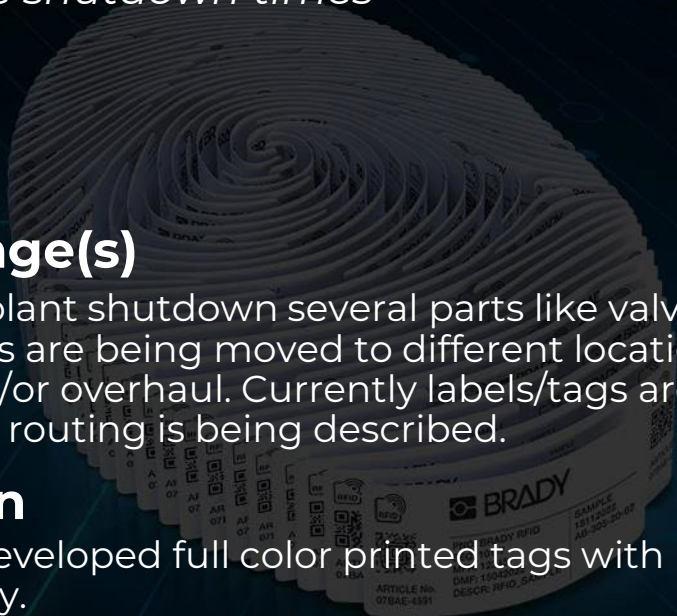
Challenge(s)

During a plant shutdown several parts like valves and gate valves are being moved to different locations for repair and/or overhaul. Currently labels/tags are used where the routing is being described.

Solution

Custom developed full color printed tags with RFID technology.

Benefits

Reduce time spent on tracking the different parts.

The Netherlands

Project timeline
Project delivered in September 2023

RFID Labels & Hard Tags
Tag label in B7695 material with 3 colour printing and UHF RFID inlay , preprinted by Brady with extra printing with R7961 ribbon on premise

Hardware
N/A

Software & Integration
N/A

Battery temperature monitoring

A leading lithium-ion solar energy battery manufacturer seeking real-time temperature monitoring.

Challenge(s)

High safety hazards due to risk of fire or explosions. Temperature monitoring in warehouse is difficult but necessary.

Solution

Battery trays are equipped with Brady temperature sensing RFID labels. IoT Edge devices monitor the status in short intervals and in sections. If a target value is exceeded, decisions are made immediately and reported.

Benefits

Automated and reliable system. Inspection times and needed labour reduced by ≈95 % which leads to significant cost savings (also for insurances) and fast ROI.

RFID Labels & Hard Tags
Pre-encoded RFID label with instant passive temperature sensing capabilities

Hardware
FR22 fixed reader, GA30 antenna

Software & Integration
Radea customised reports via Partner

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Water leakage detection in cars (PoC)

One of the world's most successful automotive companies aiming to improve inspection efficiency.

Challenge(s)
Agile way to detect potential leaks not possible, manual inspections costly, minimize root causes

Solution
Passive moisture/sensor tags are installed during production, handheld readers are used to check the most common areas, checks are recorded in production system via middleware.

Benefits
Improved testing and control of vehicles, location of intrusion is known= Immediate elimination of leaks, direct impact on quality

Germany

Project timeline
Proof of Concept was rolled out in 6 months.

RFID Labels & Hard Tags
Custom RFID label with integrated passive moisture sensor and water resistant adhesive

Hardware
Handheld readers (HH85), cross dipole antennas

Software & Integration
Partner

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Tracking 3rd party equipment

The customer has been a worldwide leader in supplying and licensing established aircraft parts and services for over 50 years.

Challenge(s)
Tracking of customer service parts received for repair & tracking of test equipment in their test lab. Time lost to locate the goods and high cost when replacement required (some can not be replaced)

Solution
Track and trace solution for each item received at customer's site.

Benefits
Able to locate parts more efficiently and save time.

Reduced cost of write offs/replacements.

UK

Project timeline
Paper system currently. New project to be installed ASAP, once proof of concept is approved.

RFID Labels & Hard Tags
Custom UHF RFID label with a passive LED

Hardware
FR22 and BFA Antennas mounted above each door (19) HH85 to encode tags and locate specific items within specific zones

Software & Integration
Radea client software for tracking of items

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