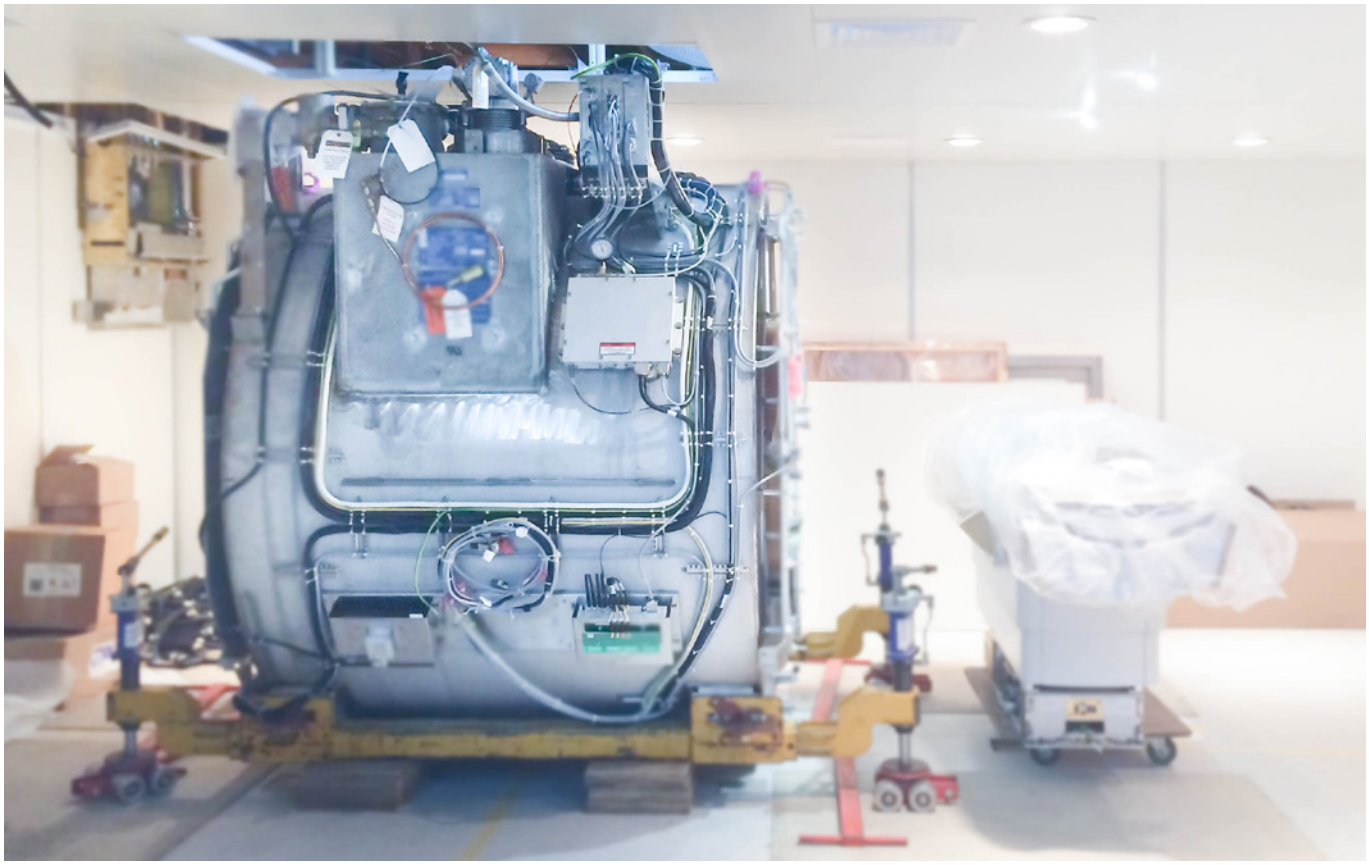
Case study

Highly efficient medical device shipping & installation with RFID labels



A machine builder can get medical devices shipped and installed faster with custom RFID labels.

Challenge

A major logistics efficiency increase

A machine builder wanted to increase customer service levels while reducing cost. The company was looking for a partner to help implement a solution to support fast, complete shipments of medical devices, and to increase installation speed in hospitals.

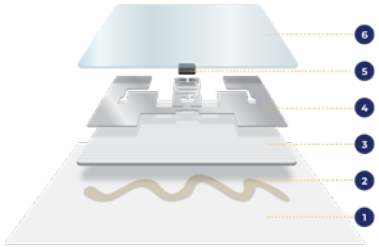
Solution

Shipment and installation track & trace with custom RFID labels

Brady presented a complete and efficient logistics solution driven by RFID, including RFID labels, print-and-program printers, custom software and scanners.

Brady selected its L-2588-26B RFID label and customised the size of each label to a desired A5 format. A fitting RFID inlay offering up to 10 metres read range was integrated and each label was equipped with an acrylic adhesive. The labels can be programmed and printed by the customer with RFID print-and-program printers provided by Brady. Labels are added to every medical device component package when it is picked in the machine builder's warehouse. Because of this, line of sight is no longer required to identify every component, and identification becomes possible from a greater distance.

RFID scanner gates check every component package against the cargo lists in our customer's ERP-system. Wrong components are easily filtered out, and the system will also indicate any missing pieces as well as confirm a complete shipment.



On arrival at the end-user or anywhere in the logistical chain, cargo completeness is quickly checked by walking around the truck with an RFID scanner. Component packages are unloaded more efficiently because the RFID labels and custom software offer guidance on where their content needs to be set up. This enables installers to efficiently organise component packages while unloading.

Via the software, the RFID label on each package also guides installers on the right order of installation. Proximity alerts help find the smallest of component packages needed to get the hospital's new medical device operational swiftly, and decisively.

Results

Medical devices operational faster with custom RFID labels

Medical devices can now be made operational in hospitals at greater speed with RFID. Efficiency gains start by helping ensure complete shipments of medical device component packages to any hospital in the world. Installers no longer need a visual on hundreds of component packages and instead can rely on proximity detection powered by custom software, RFID scanners, and on-site printable RFID labels.

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