

RFID applications

Apex Automation & Robotics is one of the leading companies in Australia to supply complete RFID solutions including both hardware and application software.

RFID (Radio Frequency Identification) uses radio waves to remotely store and retrieve information onto tags. The tag contains an IC chip embedded into sticky labels, tokens or plastic cards, with reading distances ranging from few centimetres to several metres.

The use of RFID is emerging in tollways, libraries, airports, seaports, freighting, warehousing and logistics, in applications that require:

- Remote retrieving of data (with no line-of-sight)
- Storing information on tags
- Paperless transactions

Our team has worked on the following RFID projects:

- RFID tag encoding and printing system integrated to client's data base
- Tracking of product in a production line
- Matching parts in an assembly line