



## KNOW THE CAPABILITIES

RFID tags can hold more information than barcodes and don't require a direct line of sight with the reader.



### PASSIVE

Resilient, small, cheap and with a long lifespan, passive are the most common type of RFID tags.



### ACTIVE

Active tags possess a power source and so have a much larger range. They're most often used in tracking high value assets through a system or production line.



### BATTERY-ASSISTED PASSIVE

Longer range than their passive cousins, but not as sophisticated as the active ones, battery-assisted passive RFID tags a good intermediate between the two.



### SAVE TIME AND REDUCE PAPERWORK

Automotive manufacturers use RFID technology to recognise and log cars through outbound preparation.



### KNOW YOUR FREQUENCY

Frequencies used in the US are incompatible with those used in Europe or Asia.

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### USE IT TO HELP REGULATORY COMPLIANCE



RFID tags can be utilised in the pharmaceutical industry to keep electronic records of the entire production process and comply with regulation.

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### USE IT TO MANAGE ASSETS

RFID is excellent at ensuring products are moved from one step of the process or location to the next as soon as possible.

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### LIVE WALMART'S DREAM



In 2003, Walmart required its top 100 suppliers to apply RFID tags on all pallets and cases sent to Walmart's distribution centres.

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### BE AWARE OF THE DANGERS

RFID systems are vulnerable to skimming and eavesdropping; unauthorised readers could theoretically use RFID information to track or possibly intercept products.



1

## Top 10 tips for using Radio Frequency Identification (RFID) in a manufacturing environment



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