RFID & Data Warehouse

Invisible Barcodes and why they're so much better

Agenda

- What is RFID?
- How does it work?
- Combining RFID and Data Warehouse
- Prospects

What is RFID?

- Radio Frequency Identification
- Transmitter-Receiver-Systems
- Contactless identification and localization of objects

How does RFID work?

- Transponder on the object
- Combination of receiver and transmitter for reading the transponder
- Works with electromagnetic waves
- Transponder is usually powered by electromagnetic waves

How can RFID be integrated with Data Warehouse?

- Expand existing Data Warehouse environments
- Benefits compared to a barcode:
  - Higher capacity for data
  - Easier, more reliable extraction of data
  - Much quicker processing
  - High resistance against environmental hazards

Prospects

- RFID as a technology:
  - Contactless payment
  - More efficient tracking of parcels
- RFID in combination with Data Warehouse:
  - Big rise in efficiency
  - More recent and detailed data
  - Basically just a much better barcode

Any Questions?

Sources

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