RFID Projects

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Finding buried objects for mining service industry
Forensic services
Forensic services
Triage tag
Proximity detection for UHF RFID

- IoT requirements:
  - Localization
  - Awareness of proximity of other objects
- Sensatag: Semipassive component to support IoT
UHF RFID Simulator

- Matlab-based
- Based on PARIS simulator developed by Graz University of Technology
- NXP UCODE G2XM-based passive UHF tag
- Wireless propagation channel
Passive RFID Sensor
Improved RFID protocols

• An Efficient Dynamic Anti-collision Protocol for Mobile RFID Tags Identification