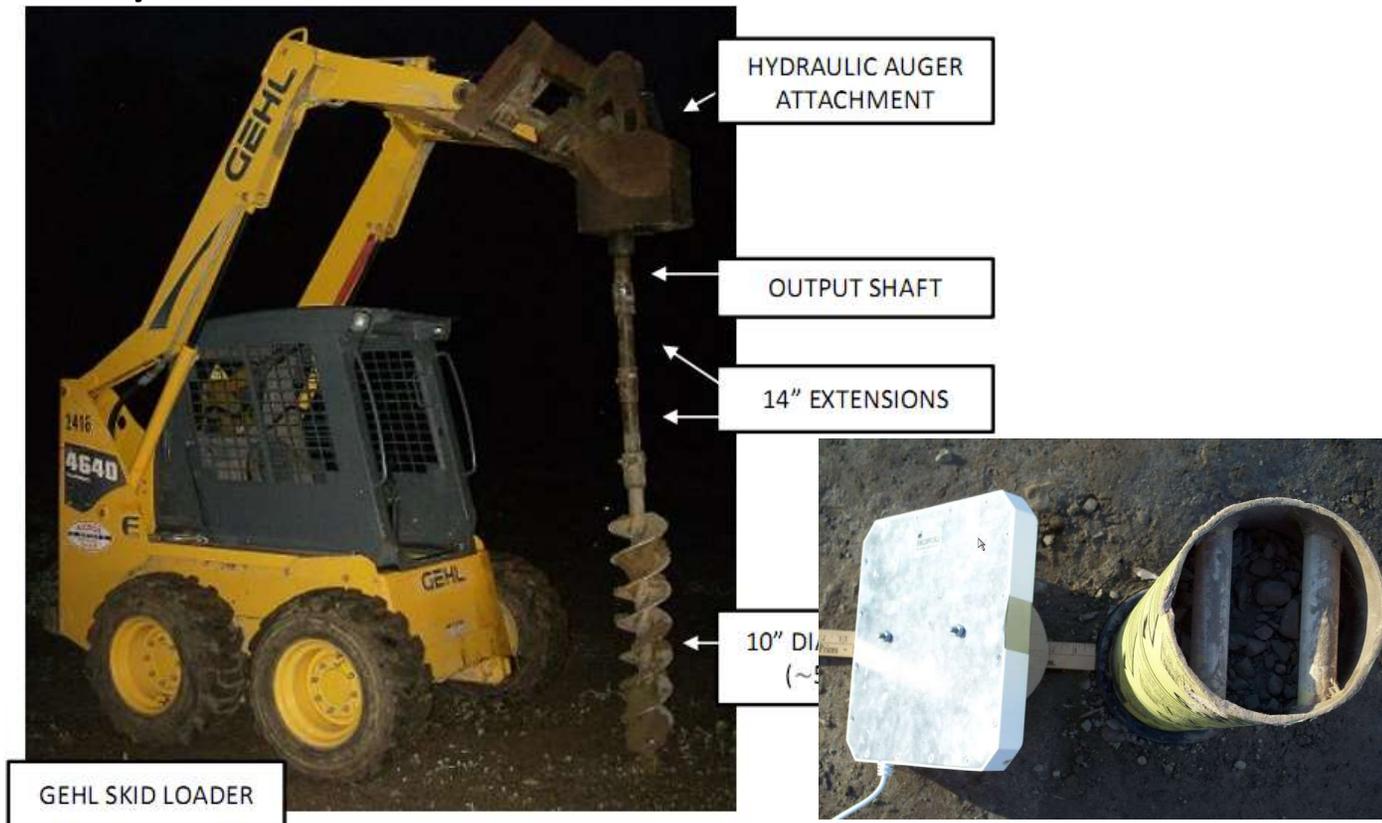


RFID Projects

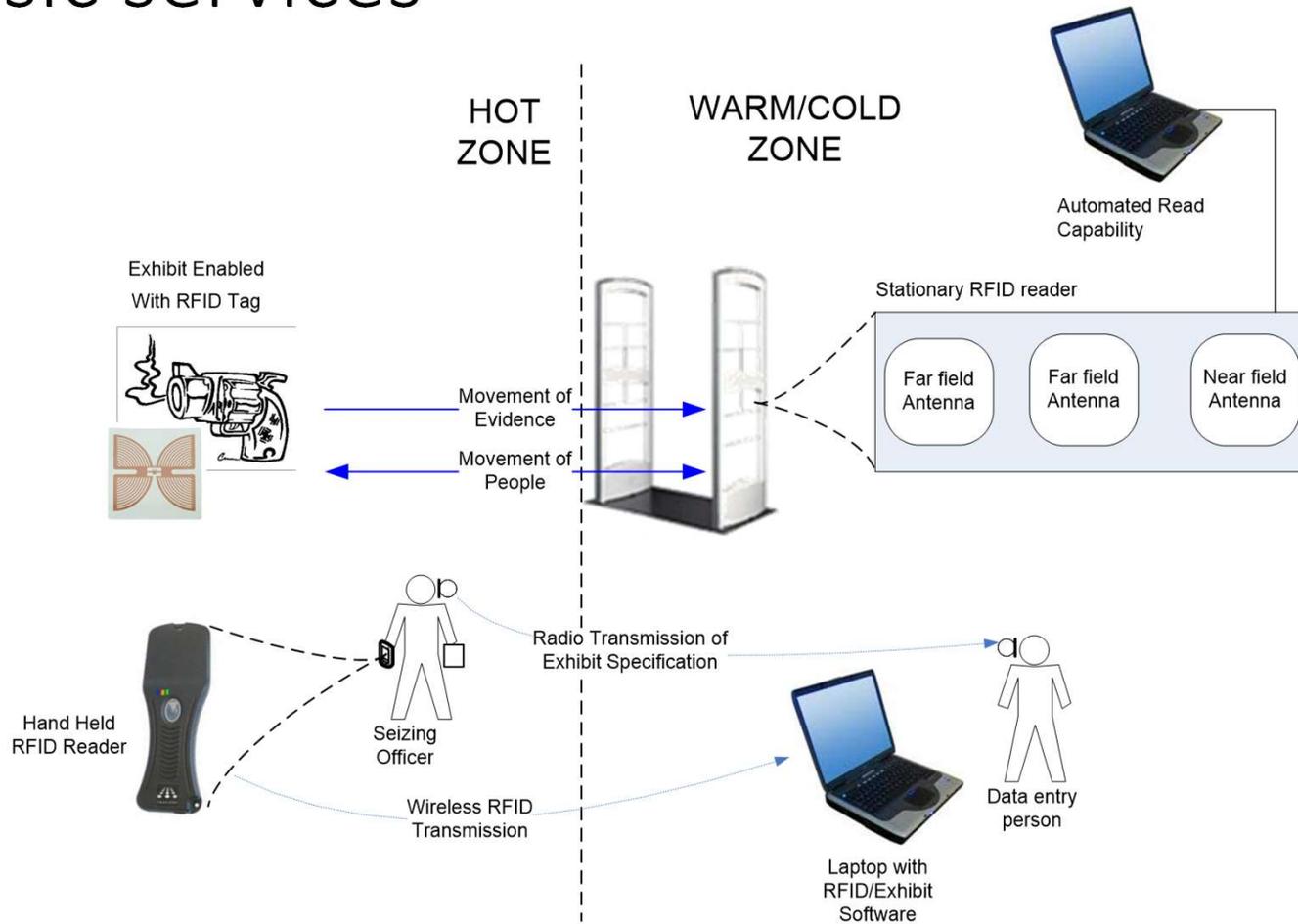
Miodrag Bolic

University of Ottawa

Finding buried objects for mining service industry



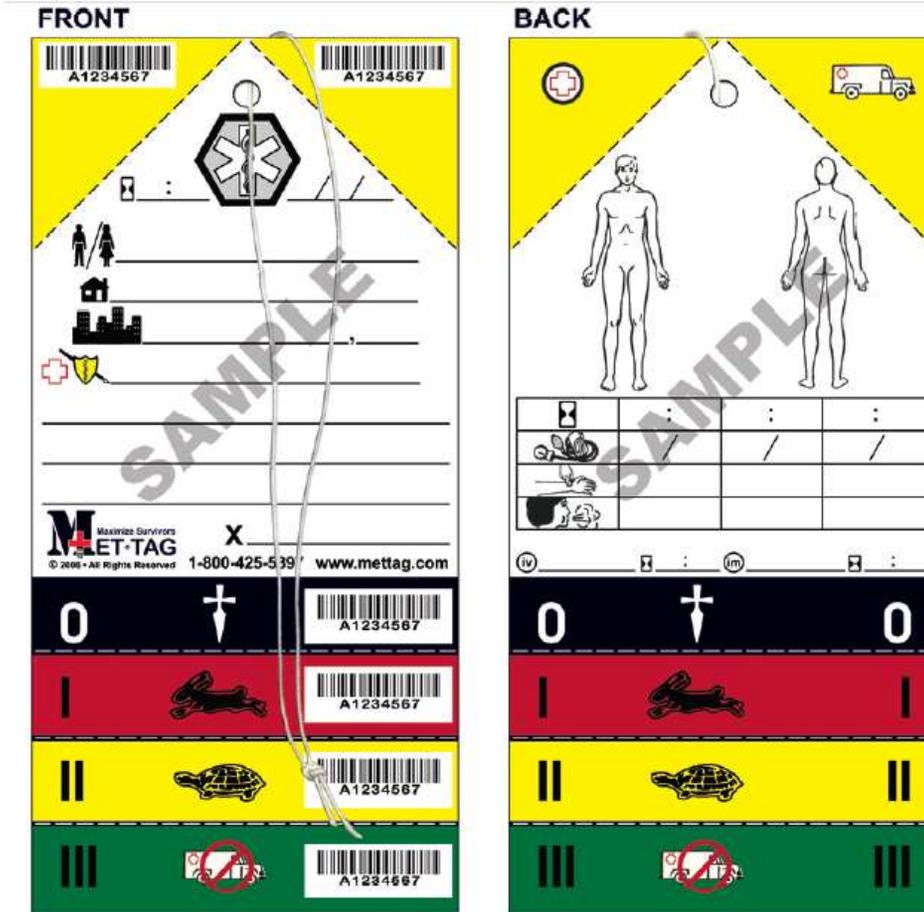
Forensic services



Forensic services

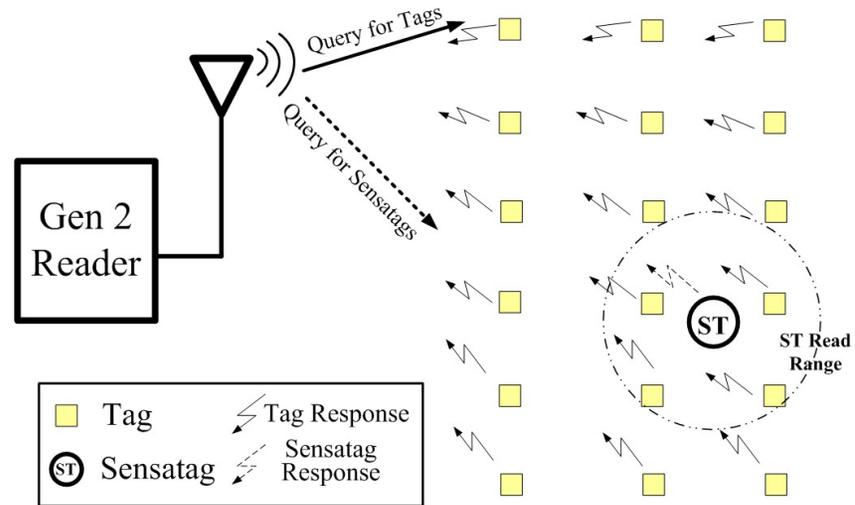


Triage tag

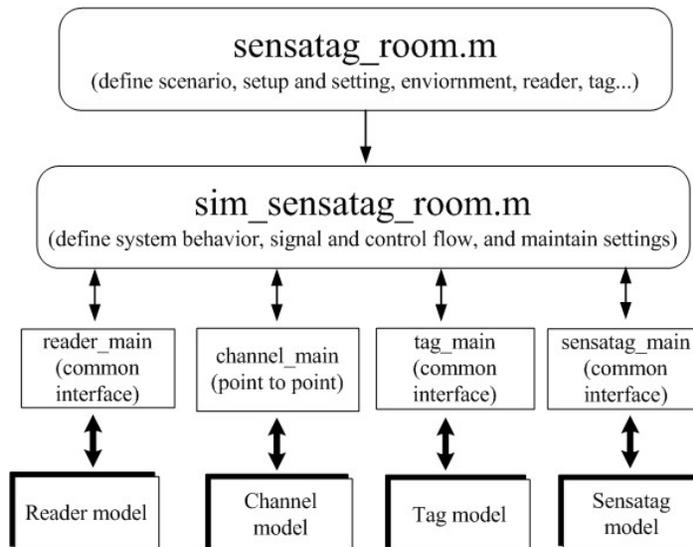


Proximity detection for UHF RFID

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

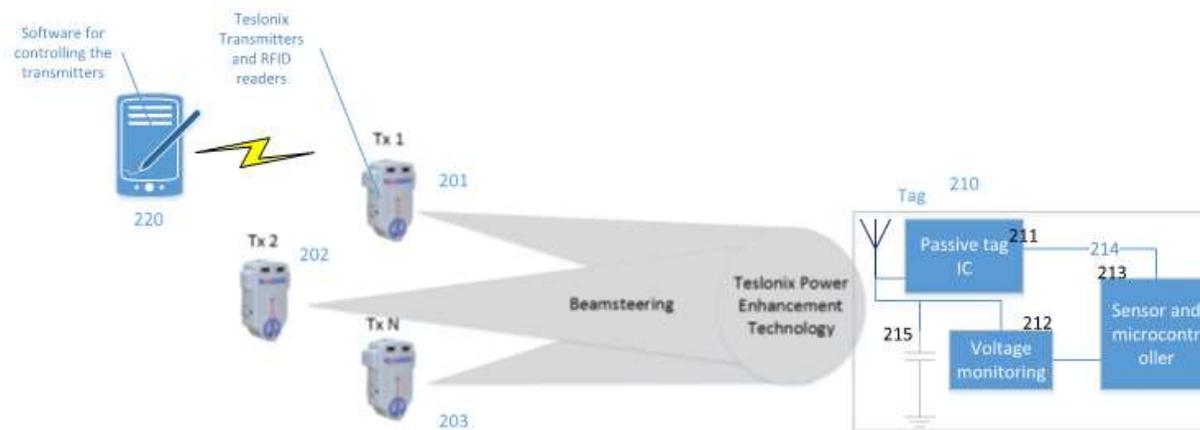


UHF RFID Simulator



- 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

