

**INNOVATION AT A GLANCE**

**Technology:**  
RFID

**Industry:**  
Universal

**Syncroness expertise:**

- » Proprietary Protocols
- » Power Optimization
- » Active RFID

**Objectives:**

- » Increase visibility and control
- » Standardize asset tracking systems

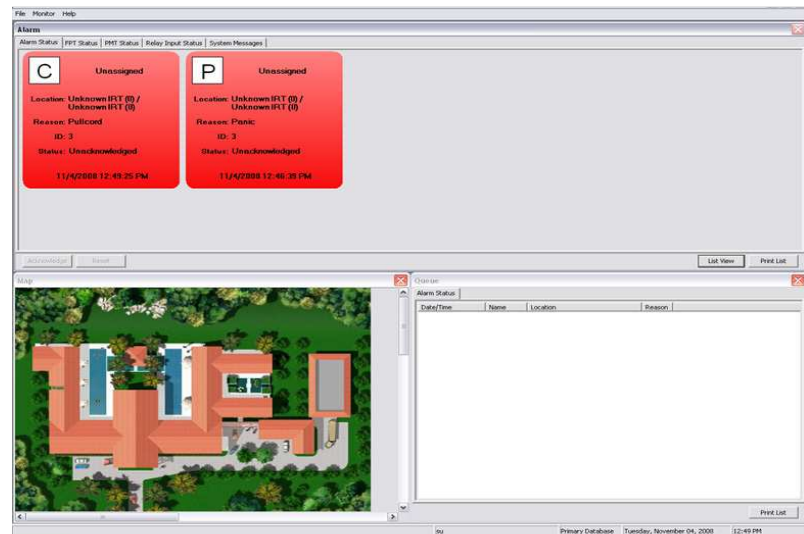
**Approach:**

- » Create simple user interfaces for increased visibility into asset tracking
- » Customize application protocols for unique use specialized products
- » Design to support an easy implementation, ensure quality, and minimize update efforts

**SYNCRONESS APPLICATIONS**

- » Cart / Asset tracking in hospitals
- » Prison guard tracking & alarm systems
- » Operator Identification on industrial devices
- » Vehicle Access Control for fleet management

**LET'S KEEP INNOVATING.**



Monitoring mobile assets can be a huge cost savings and provides valuable insight into daily operations. Syncroness has implemented many RFID asset tracking technologies ensuring the security of customer investments.

**INTEGRATING RFID INTO YOUR PRODUCT ENSURES COMPLETE CONTROL AND VISIBILITY OVER YOUR ASSETS.**

When a business consists of many moving parts, the likelihood of an asset being misplaced or misused increases and can become very costly. Whether you need to control the flow of material in your warehouse or track human resources, Syncroness has the RFID experience to provide a standardized, reliable solution.

Our team has successfully executed numerous RFID projects including those tracking physical assets, operator identification and access control. We are experienced in developing customized RF proprietary protocols for a wide range of uses and are experts in power optimization and active RFID.

Pairing our experience in implementing the RFID technology with user-friendly work flows and user interfaces allows our customers to design products that are not only effective, but attractive and easy to operate for the end user as well.

Specific applications of our RFID work include operator identification and

vehicle management wherein school bus drivers are identified and tracked utilizing active RFID. This allowed our customer to accurately control and view who is operating which vehicle and for how long.

Additionally, we have developed RFID platforms for use in tracking and monitoring prison guards throughout multiple building locations including safeguards for emergency alarm systems and assistance requests. Not only could the team see exactly where the guards were on the campus in real time, but guards could manually transmit a panic message if in trouble. Additionally, alarms would sound in the guard was positioned vertically, implying an emergency.

On a larger scale, Syncroness led the development of an RFID system that monitored, tracked and reported movement of high-value assets on multi-building medical campuses. The system leveraged GPS technology to produce visual mapping and included proprietary alarm protocols for suspected tampering and missing carts.

The uses of RFID are diverse and convenient for anyone looking to increase visibility and security. Syncroness is the ideal partner to implement, integrate and develop client tracking systems and interfaces.