FSN FALKEN Secure Networks

RFID for Mobile Equipment Management

Maintaining accurate equipment records is often a daunting task for a large organization with mobile equipment continually on the move to various events and job sites.

Television broadcasters will especially find significant value in enabling their time and location sensitive operations with RFID. It requires an enormous effort to coordinate, especially in tracking and managing the many loose pieces of highly advanced and sophisticated video production equipment necessary to produce real-time live video and televise events. Having real-time visibility of the chain-of-custody is critical to meeting deadlines in such operations.

Similarly, Police, Ambulance and Safety vehicles, utilities and other service organizations are constantly required to provide for authorized equipment check-out, check it back in, and validate the real-time equipment and supplies inventory, and provide alerts to supervisors for any exception situations.

RFID technology now enables all of these urgent and time consuming activities to be totally automated instantly in real time.

RFID enablement can be as simple as tagging the equipment assets and locating RFID Readers at the Entry/Exit points of the mobile van or trailer. Readers are connected via ethernet to an Omnitrol Appliance with its built in networking, middleware with a selection of custom reports available. A RFID mobile handheld reader is often implemented for added operational flexibility.

Or we could supply a fully RFID-enabled Mobile Tool Facility (MTF)

Do you know where your equipment is?

Do your people have all the right equipment required?

Who had it last and when?

Was it checked back in?

Need a fast real-time visibility of equipment inventory?

Need an unmanned equipment vehicle with access control and equipment custody audit trail?

FSN even provides a custom-RFID designed 53' air-conditioned equipment trailer if you need one.

We now have the complete automated solution that will provide you with mobility and with all the control and accountability you require as an end-user or supplier. The Automated MTF uses RFID technology combined with the best wireless connectivity available to enable a fully functional, unmanned, mobile tool facility that provides a high level of accountability and accuracy. If you have a problem controlling tools and supplies on a job site, the Automated MTF is for you.

- Automated tracking of inventory in and out of a 53' air conditioned trailer
- User accountability and inventory tracking with RFID and a video surveillance system
- Wireless network and internet connectivity
- RFID portal entry in rear of trailer
- Two PC's in rugged steel chassis for security and data integrity
- Shelving units, plastic bins, entry steps, Vidmar cabinet, and more

The standard\ Automated MTF allows you to:

- Control tools and supplies during turnovers or shut downs
- Provide a high level of accountability for users
- Provide accurate usage reports
- Automate tool issue and return without personnel
- Easily locate missing items
- Eliminate pilferage
- Reduce stockouts with automated purchasing
- Provide accountability and chain-of-custody for contractor activity
- Provides reports
- Monitor and control calibrated equipment
- Control access based on permissions
- Automatically notify vendors of low inventory with critical alerts
- Monitor expendable, durable, and serialized inventory
- Manage kits and their replenishment
- Assign tools to jobs

FALKEN Secure Networks(FSN)—Your partner for RFID automation

If you choose to pursue RFID implementation in your organization, here is the FALKEN Secure Networks commitment to you:

- FSN will provide solution architects to work with you to define system requirements for your particular installation. Multiple locations can be networked together for a central and real-time view and centralized management.
- FSN will do a RFID site survey to validate radio frequencies, tag types, system design and performance
- FSN will provide all necessary hardware and software to make the system work for you
- FSN will integrate the system with your existing enterprise management software
- FSN will provide documentation for the system, including operating procedures
- FSN will train your people
- FSN will provide warranty and continued system support

For RFID-enabled Document Tracking and Management, FALKEN Secure Networks (FSN) and partners bring together the right technologies to give you control over your files and make your office run more efficiently. Our automated and secure processes save time and labor, and prevent problems before they occur. With FSN ,you get the latest, non-proprietary secure RFID technology with the most powerful and flexible RFID file tracking software available.

Contact Us

FALKEN Secure Networks is a specialized System Integrator, RFID Solution Architect, and Value-Added Reseller with focused expertise in the RFID site survey, cost-effective design, and turn-key project implementation.

Contact FSN at sales@falkensecurenetworks.com

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