

# ASSET MANAGEMENT & CONSULTING

## Knowles Electronics



[www.knowles.com](http://www.knowles.com)

### Asset Management

Computerized Asset Registry

RFID Asset Tags

RFID Tracking

Rapid RFID Inventories

FIND Assets with RFID

Workflow Queuing

Depreciation Calculations

Surplus Value Tracking

Standard and Customer Reports



[www.virtualdoxx.com](http://www.virtualdoxx.com)

877-280-RFID (7343)

**Knowles Electronics** is a market leader and global supplier of performance audio, intelligent audio, and specialty components in the mobile communications, consumer electronics, hearing health, military/space and other industrial end markets. Knowles Delivers dependable and precise products including hearing aid components, MEMS (micro-electro-mechanical systems) microphones, speakers, receivers, transducers, capacitors, and oscillators. Knowles also provides advanced hardware and software solutions including intelligent microphones, voice processors, and other hardware and software solutions that optimize the performance of the audio signal path.

### *Problem*

Knowles has sites worldwide using differing procedures for managing components and assets, and lacked standardization or adoption of asset management best practices. Knowles's backend Oracle database lacked the data fields and centralized capabilities to meet Knowles's needs for standardization of asset and component management, tracking and reporting.

### *Solution*

Implemented standardized SmartTraxx RFID Asset Management System for sites in the United States, China, Malaysia and the Philippines.

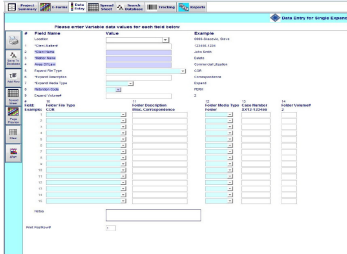
### *System*

- Computerized asset management system
- Configured to Knowles's exacting requirements
- Bi-directional data integration with Oracle
- RFID tagging of assets and asset components
- Track work-in-process
- Calculate depreciation and surplus values
- Support unlimited currency types and calculations
- Standard and custom reporting

# Optimized Asset Management through Best Practices, Technology and Innovation

## Computerize Asset Management and RFID Asset Tracking

### Asset Database



- Commercial off-the-shelf (COTS) software custom configured to exacting data, workflow, tracking and reporting requirements
- Manage the location, status and valuations of assets
- Standardized system and best practices across multiple sites

### RFID Asset Tags



- Supports wide range of asset tag types based on the size of assets and environmental conditions
- Adhesives, bracketed, hanging and encased tags
- Asset tracking & security using RFID scanners & detection zones

### Check In / Check Out



- USB scanner attached to long cord for scanning assets being issued or returned or moved
- Supports RFID and bar code technologies
- Scan RFID asset tags and select destination by scanning bar code

### Mobile Scanner



- Periodically scan assets and asset components while in-circulation to maintain correct and current locations in database
- Scan RFID location and asset tag(s) when changing locations
- FIND missing assets with 'Geiger Counter' feature



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