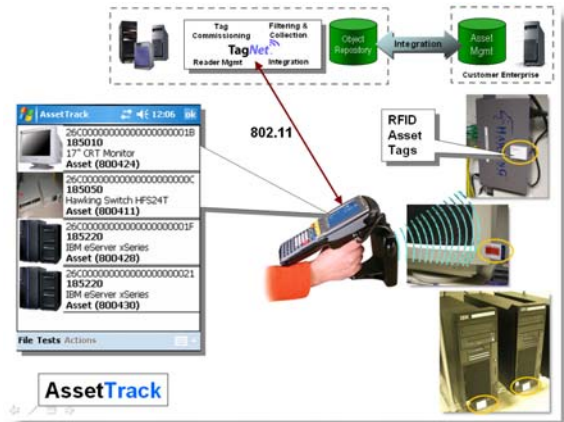


## AssetTrack

### Overview

Having visibility to fixed assets, inventory or any other object at the pull of a trigger can provide valuable information to any organization. Stratum Global's **AssetTrack** software solution provides asset identification and location management via RFID as well as Geiger Counter locating and inspection reporting for maintaining those assets. Designed to reside on mobile RFID handheld readers, ultimate flexibility is provided with instant asset information residing at the user's discretion either within **TagNet™** or any enterprise Asset Management System.

AssetTrack is designed to identify RFID Tags via a Handheld RFID Reader. AssetTrack is a mobile application deployed on a handheld computer / reader combination that enables a user to identify tagged assets, their location and allow reporting about the identified assets. In addition, AssetTrack supports a tag mapping process, where unidentified assets are mapped to internal numbering schemas that are meaningful to an organization (such as AssetID, GTIN, UPC, ERP, UID, MHU, etc.). Once an RFID tag is mapped to an asset - any subsequent identification through RFID will display meaningful data about that item, such as asset description, images, conditions or any other information that is required by the user or that is held in an Asset Management system. Shown above in Figure A1 is an illustration of the AssetTrack application running on a Handheld RFID Reader.



**Figure A1. AssetTrack Operation**

### Business Process Consideration



Operationally, a handheld RFID device is pointed in the general direction of an asset that has an RFID tag (or tags) applied to that object. As assets are read, the user can simply confirm that the object is there or perform updates on status as well as location instantly. The data resides on the handheld unit and is synchronized with **TagNet™** Server with furtherance to an enterprise Inventory/Asset system.

**AssetTrack** offers multiple add-on applications for increased RFID tracking capabilities including:

- Physical Inventory
- Geiger Counter
- Inspection Reporting

With RFID tagged assets, it now is possible to inventory rooms without a direct line of sight for a given object(s). Users are able to walk into any room or office, point a handheld reader at various areas around the room and record the items that are there as well as those that are missing or new to that given location.

**Application Features:**

- **AssetTrack (AT):**
  - **Multi-Object Identification** of Assets, Products, or Personnel via tag commissioning / mapping
  - Maintain an accurate record of your assets whereabouts
  - Secure TagID architecture restricts object identification from unauthorized scanning
  - Interactive wireless connectivity to TagNet Server Object Repository
  - Rich image association with assets to aid in identification
  - Integrates with most enterprise software applications
  - Works seamlessly with most RFID handheld units
- **Physical Inventory - AT:**
  - Reconcile inventory through RFID - supports formal yearly physical inventory paradigm as well as cycle counting
  - Multiple assets can be counted with a single trigger pull – no tedious line of sight identification
  - Tighter audit control - If the unique asset tag wasn't read, it wasn't counted. Eliminates 'swagged' counts.
  - Report on missing, found, or moved assets
  - Identify & record new assets 'on the fly' during counting
  - Incorporates a complete history of asset movements
  - Synchronize with TagNet Server Object Repository
- **Geiger Counter - AT:**
  - Enables finite locating of tagged objects within a dense population of similar assets
  - Provides search capabilities for a single asset as well as multiple items for a Kit or Bill-of-Material
- **Inspection Reporting- AT:**
  - Flexible inspection reporting conditions based on asset type
  - Pre-defined prompting of questions, free form notes and image association



**Adding Levels of Tracking Visibility**



With the addition of fixed RFID read zones managed by **TagNet™** Server, an automated “zoned” approach can be achieved for the movement and tracking of tagged assets (as well as personnel transporting those assets). The zoned approach entails positioning RFID portals (antenna arrays) in strategic locations throughout the facility effectively breaking it into numerous areas that will determine the location/direction of an object being tracked in real-time. Visibility is now provided while in transit as well as when it reaches its final destination.

**About The Danby Group**

Since 1982, The Danby Group has been supplying our customers with the latest in automatic identification solutions, including label printing systems and data collections systems. Our customers are realizing the benefits today of complete RFID-enabled solutions for Closed-Loop, Asset Management and Compliance. Along with Stratum Global, we provide complete implementation services including site surveys hardware installation, enterprise integration, tags, services and educations to support the total RFID solution. Regardless of your RFID initiatives, The Danby Group has a solution that can bring immediate value to most organizations. Invest incrementally – scale your RFID solutions as your business needs to.

**The Danby Group is a Certified, Small, Woman-Owned business.**

**“Start Small, Think Big.”** For more information, call below or visit [www.danbygroup.com](http://www.danbygroup.com)