

## Asset Visibility

### Overview

Today's manufacturers and distributors face the daunting challenge of tracking assets that drive their financial performance. In addition, public corporations must systematically track corporate assets and instill effective internal accounting controls to comply with Sarbanes-Oxley legislation. To assist with these challenges, TransitionWorks (TWS) offers an asset visibility software solution called Asset Visibility. The software helps manufacturers and distributors track their valuable assets, and through improved asset management, manufacturers and distributors can improve their top and bottom line performance.

### TransitionWorks for Asset Visibility

The software solution captures the tag data from radio frequency identification tags or barcodes and distributes the information in easy-to-view reports on a PC or hand-held device. This solution gives businesses a view in real time of the usage of their corporate assets, including tooling on the production line, totes in the distribution center, or human capital. This valuable information helps businesses improve labor efficiencies--reducing the time employees waste tracking down equipment. Additionally, it reduces capital requirements through more efficient usage of current assets.

### Flexible with Existing Systems

Asset Visibility can operate as a stand-alone solution, or it can be integrated with corporate fixed asset, maintenance and tool crib systems as well as enterprise resource planning, warehouse management, manufacturing execution and quality control systems. The software simplifies the infrastructure required to enter, capture and cleanse data and updates all pertinent systems. The software provides customers a cost effective and flexible means to move and use data across the current network LAN or WAN infrastructure.

In addition, Asset Visibility can notify the user of activities and events defined by the user through e-mail, or short message service (SMS) to cell phones or pagers. Windows Mobile "Role Based" dashboards enable managers and supervisors to monitor and manage assets while on the go. TransitionWorks offers the software in formats traditionally used by manufacturers and distributors as well as in the form of a mobile solution that can run on a PDA device.

### Business Payback

- Reduce/eliminate theft of high value assets
- Reduce/eliminate need to take manual inventory of assets
- Reduce labor and frustration in finding assets
- Reduce service and maintenance of assets
- Locate misplaced, lost, or hoarded assets
- Meet SOX requirements



<b>ASSET VISIBILITY by TransitionWorks Software</b>	<b>Fixed Asset Tracker</b>	<b>Portal Tracker</b>	<b>Zone Tracker</b>	<b>Entrance Control</b>	<b>Real-Time Location Tracker</b>
<b>Tracking Capabilities</b>					
-Assign Tag to Asset	✓	✓	✓	✓	✓
-Check-in/out	✓	✓	✓		
-Physical Audit - Scan Detect	✓				
-Physical Audit - Auto Detect	Advanced only	✓	✓		✓
-Detect on Entrance/Exit	Advanced only	✓		✓	✓
-Detect Presence in Zone	Advanced only		✓	✓	✓
-Detect Tag Tampering					✓
-Detect Low Tag Battery					✓
-Locate within Zone in real-time					✓
-Track movement within Zone					✓
<b>Event Alerts</b>					
- send emails or texts	✓	✓	✓	✓	✓
- trigger other systems				✓	✓
(customized alerts available)				✓	✓
<b>Webservice Integration with systems</b>					
- Accounting Fixed Assets	✓	✓	✓		
- Payment Systems				✓	
- Gates				✓	
- Camera/Video				✓	✓
- Sensors/Alarms			✓	✓	✓
<b>Reporting (exportable to Excel)</b>					
- Standard (7 Reports)	✓	✓	✓	✓	✓
- Custom			✓	✓	✓
<b>Other Features</b>					
- Standard Label	✓	✓	✓	✓	✓
- Customizable Label	✓	✓	✓	✓	✓
- User Authentication	✓	✓	✓	✓	✓
- Page Level Permissions	✓	✓	✓	✓	✓
- Easy Asset Info Import	✓	✓	✓	✓	✓
- Customizable Fields	✓	✓	✓	✓	✓
- Use of Maps/Floor plans	✓	✓	✓	✓	✓
- Site License Version	✓	✓	✓	✓	✓
- On-demand Version	✓				
<b>Technology</b>					
-Tags	Barcode / Passive	UHF	Active	UHF, HF, LF	UWB
-Operating System	Minimum Windows 2000/XP/2003/Vista				
-Database	ODBC Compliant Database				

## Fixed Asset Tracker

Companies small and large must validate the value and existence of their fixed assets on a periodic basis by performing physical audits. Manual processes can be extremely time consuming, particularly when tracking large numbers of assets such as furniture, computer equipment and other general assets. Manufacturing companies face even greater challenges with even more assets to track, such as totes, pallets, tooling, instruments, vehicles and capital equipment. Using bar code and RFID technology, TransitionWorks offers organizations a fast, low cost approach to physically label/tag, assign, check-in/out and conduct a physical audit of assets and interface with necessary company systems. TransitionWorks' bar code solution called **Fixed Asset Basic** is a simple, reliable and inexpensive first step for those with manual processes. The next level in Fixed Asset tracking is to use passive RFID technology found in our **Fixed Asset Advanced** tracking product. By allowing mobile scanners to quickly detect all tagged assets in an area without having to find and scan each item individually, this product is proven to increase the efficiency over bar coding by 6 times. Both these solutions can be implemented by organizations in days with limited involvement from TransitionWorks.

## Portal Tracker

When you need greater control of higher value assets (expensive equipment, artwork, critical documents/files, vehicles, tools, instruments) that are easily moved, RFID monitoring at portal locations such as doorways, hallways, entrances and exits can be vital. TransitionWorks' Portal Tracker will automatically identify and record tagged assets as they move in and out of selected portal(s). The system can be configured to send alerts as specified events occur, (asset leaves secure area) which will dramatically improve an organization's ability to control, protect and preserve the value of critical assets.

## Zone Tracker

Some situations require that organizations have the ability to monitor assets, in real-time, within a specified area or zone, indicating which assets are present and record when those items enter or exit. Zone Tracker has been used to monitor equipment that is checked-in and out of secure storage areas and remotely monitor inventory levels of equipment across multiple storage zones in various facilities. Our solution allows better utilization of equipment between facilities.

## Entrance Control

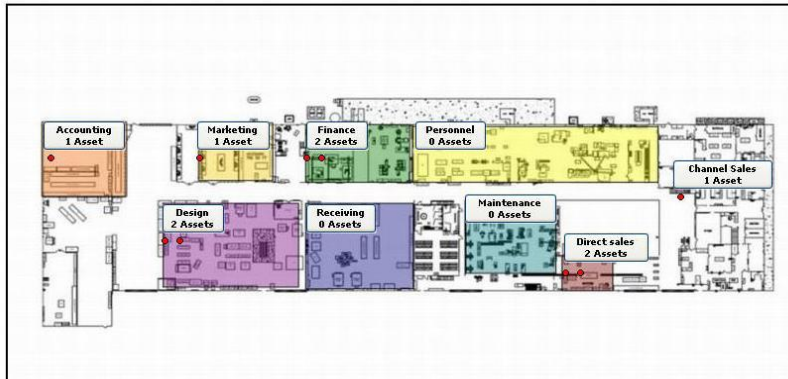
The TransitionWorks Entrance Control solution is distinctive because of its ability to easily integrate with virtually any of the surrounding technologies necessary for entrance control, not simply the gate or door. Integration with video surveillance, payment systems and back-office systems allows sophisticated monitoring and alerts to be created that greatly enhance the productivity of the solution.

## Real-Time Location Tracker

Real-Time Location Tracker (RTLTL) is the most sophisticated of our tracking solutions and provides the ability to immediately locate or find tagged assets within a monitored area and track their movements utilizing RFID technology. For example, one of TransitionWorks' customers used this solution to locate and identify movement of critical manufacturing equipment within a large manufacturing and warehousing complex. Since RTLTL has the ability to locate items within a square meter, it can be used to track personnel, contractors or visitors in facilities and monitor entrances into restricted areas. The system can also be configured to provide alerts based on the behavior of the tagged assets.



### Asset Locations



### TransitionWorks for High Availability

TransitionWorks recognizes that tracked data is mission critical to business and must be collected quickly, reliably and accurately. Asset Visibility can be configured with High Availability for 24x7 operations. The system can be installed to automatically balance the work load during heavy usage periods and to function during fail-over scenarios such as hardware and system failures, providing you with the information you need around the clock.

### About TransitionWorks Software

TransitionWorks Software is dedicated to helping our customers improve efficiencies and simplify business processes. Since product inception in 1997, our TransitionWorks Software organization has accomplished this goal by iteratively developing, delivering and supporting a set of solutions that help manufacturing/distribution companies simplify and automate key supply chain processes using many forms of Automated Identification and Data Capture (AIDC) technologies including RFID, barcodes, sensor technology, and PLC's. With proven, successful implementations worldwide, TransitionWorks' premier solutions are the system of choice for many leading companies in the world.

### TransitionWorks Software Solutions:

Inventory Visibility  
Sales Visibility

**Asset Visibility**  
Custom Process Solution

Integration Capabilities – BPCS,  
SAP, Oracle, JDE, Legacy, etc.

For more information on TransitionWorks Software please visit us at [www.transitionworkssoftware.com](http://www.transitionworkssoftware.com), email [info@transitionworkssoftware.com](mailto:info@transitionworkssoftware.com) or give us a call at (336)-885-1373.