



THE SMART WAY  
TO KEEP TRACK  
OF YOUR **ASSETS &  
PERSONNEL**

# Asset & Personnel Tracking with RFID

*Unparalleled levels of efficiency to better  
manage your IT Assets & Personnel*

*We provide a unique integrated approach that can  
help you track and manage your assets and people  
while identifying exceptions in your day to day  
asset movements, all in real-time.*

Organizations that run large IT datacenters and back office operations are seeing the sheer volume of assets and personnel movements associated with their day-day operation increase sharply. Conventional identification and tracking techniques are sometimes inadequate to handle the volume, and they don't meet client expectations of 'real-time' tracking or ability to locate a misplaced item.

RFID (radio frequency identification) technology can help track asset and personnel movement in real-time, identify unwanted movements as they occur, and improve customer service with a minimal investment.

The RFID based solution automates and dramatically reduces cost of overall inventory management with an electronic audit trail, while ensuring compliant usage of sensitive assets - an ideal solution to protect your organization against the devastating consequences of sensitive data breach or employee theft while improving accountability for IT asset management.

## How RFID Can Help:

- RFID technology provides an automated method of identifying the movements of assets and personnel across various locations / zones in real-time within an organization.
- There is no need to spend hours doing asset inventory and real-time alerts identifying critical asset and personnel movement can be obtained.
- All assets in the data center or front office can be identified and compared to the inventory reports of the existing Asset Management System (AMS)

## System Details:

- **RFID Reader:** A Read and Write device designed to verify, inventory, monitor and control a large number of valuable items - uses external antennae.
- **Smart label printer:** Human-readable 'Smart Labels' with an RFID tag and 2D barcode can be printed on-demand; Simultaneously, the chip can be written to with the most current information about an asset via a unique ID, which is captured by the reader.
- **'BAP' Tags:** Battery Assisted Passive tags with unique ID's for each employee. That number can be captured by the reader, and also modified and added to as necessary.
- **Application Software:** Web Portal and tools to track and trace Assets & Personnel across various zones within an organization - also allows for asset information collected via RFID to be transmitted to the AMS.

## How it Works:

1. A smart label is printed and the RFID chip initialized with a unique identification number for each asset in the AMS. Multiple labels for the same asset can be printed for other uses, and battery assisted passive tags are commissioned to track personnel within a facility as well.
2. The smart label is attached to the asset, The BAP tag used is used as an employee ID, and the RFID reader confirms the location of the asset or employee.
3. Alerts and Notifications are set for assets and personnel that are being tracked.
4. Application Web Portal provides real-time visibility of movements and location with zone logs and raises alerts as exceptions occur.