

First RFID inventory solution specifically designed for K-12 education

Now school districts can take advantage of the streamlined audit process benefits of RFID while also performing the day-to-day tracking of inventory to buildings, departments, rooms, staff and students in a single solution, TIPWeb-IT.

Radio-frequency identification (RFID) incorporates a specialized reader which transmits and receives radio waves in order to communicate with RFID tags applied to your devices. RFID is the solution to scaling your inventory audits by addressing the challenges that strain your current processes - limited staff resources, increasing inventory purchases, and an overwhelming number of building locations.

RFID Benefits



Imagine how convenient it would be to inventory those projectors mounted to the ceiling, stacks of laptops in storage, those routers and switches overhead just by being in the same room with them. That's TIPWeb-RFID.

Benefits of RFID Technology

The primary benefit of RFID tags for physical inventory audits is the fact that multiple RFID tags can be read simultaneously and automatically, tags can be read at distances of up to several feet, in any orientation, through intervening objects, and without the need for line-of-sight.

A typical inventory cycle, without RFID, takes 2-5 days per building and is only performed 1 time per year. With the use of RFID technology, inventories can now be performed daily, typically requiring only one employee and only hours of resource time.

These kinds of improvements in inventory time, allow RFID users to take immediate advantage to the inventory data and make real-time decisions on stock availability. Data gathered through real-time inventory is used not only to improve the customer experience and increase asset utilization, but also to streamline operations and reduce overall costs.

Research studies have shown that RFID gives rise to enhancements that include:

- 20% reduction in labor-intensive processes
- 25% reduction in underutilized inventory

Overall, RFID technology enables organizations to automate labor-intensive processes, authenticate and safeguard their assets, achieve real-time inventories and asset visibility.

What you need to get started:

- TIPWeb-IT – asset repository and inventory reconciliation tool
- TIPWeb-RFID – RFID recognition software
- Motorola MC3190-Z – RFID reader to perform mobile inventory
- UHF Passive RFID tags – unique asset identifier affixed to assets

How the TIPWeb-RFID solution works:

- Apply RFID tags to your assets
- Record your asset record details in TIPWeb-IT
- Perform inventory audits with our MC3190-Z RFID reader programmed with TIPWeb-RFID software
- Reconcile inventory location exceptions in TIPWeb-IT

Benefits of RFID for inventory control:

- Reduced asset write-offs
- Improved inventory taking turn around times
- Oversight of circulating assets
- Increase asset visibility and utilization
- Integration of all participants in the process chain
- Identifying theft and diversion at the building level
- Identifying theft and diversion points in the asset life-cycle
- Life-cycle documentation