

AssetGather for Rapid Inventory

RFID-based Solution for Quick and Regular Inventorying



The business productivity of any enterprise is invariably tied to how well its key physical assets are being utilized and managed. The first step towards better asset management is to better track all the company's assets. However tracking assets - fixed or mobile, isn't a simple task for any business. This is because asset tracking requires the periodic collection of asset location and status information which invariably involves the need to scan asset bar-codes and manually enter information. This whole process is manually intensive, often disruptive and can be expensive. As a result the exercise of taking inventory is typically carried out annually and at best quarterly in some smaller businesses with fewer assets. A year or even a quarter is a fairly long period during which many things could have happened to the asset. For example a mobile asset may have been moved many times during this interval. This is the reason why most businesses don't have an accurate account of their physical assets ? ultimately resulting in a significant cost impact to business each year in terms of unnecessary capital expenditure, tax overpayment, regulatory non-compliance, and inefficiencies.

Key Highlights

- ▶ RFID-based solution enables inventory taking operations to be easily performed more frequently and even automatically
- ▶ Allows handheld-only deployment initially with expansion to fixed portal readers later
- ▶ Easy to customize and use. Web-based application allows maps, graph and list view reports to be viewed from any browser
- ▶ Generates real-time alerts on exceptions in business work flow. Delivers alerts through email
- ▶ Customized RFID tags optimized for variety of assets
- ▶ Scalable, Web and Java-based architecture

The Benefits of RFID for Asset Tracking

RFID tags - unlike bar codes, do not need line-of-sight reading. Additionally, RFID technology enables more than one tag to be read in one scan. These features make RFID advantageous for use in inventorying - especially when the task needs to be performed more often and

where automation of the process is desired. An RFID-based solution can help provide a much more up-to-date view of asset locations than is possible presently with bar-codes alone.

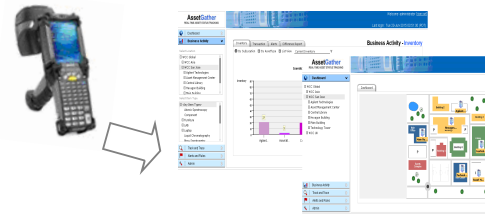
The AssetGather Solution

AssetGather is an RFID-based asset tracking solution that can help speed up the process for inventorying all your physical assets and help keep information about the assets updated in a database such that reports can be generated and accessed from any web-browser within the company.

How Does It Work?

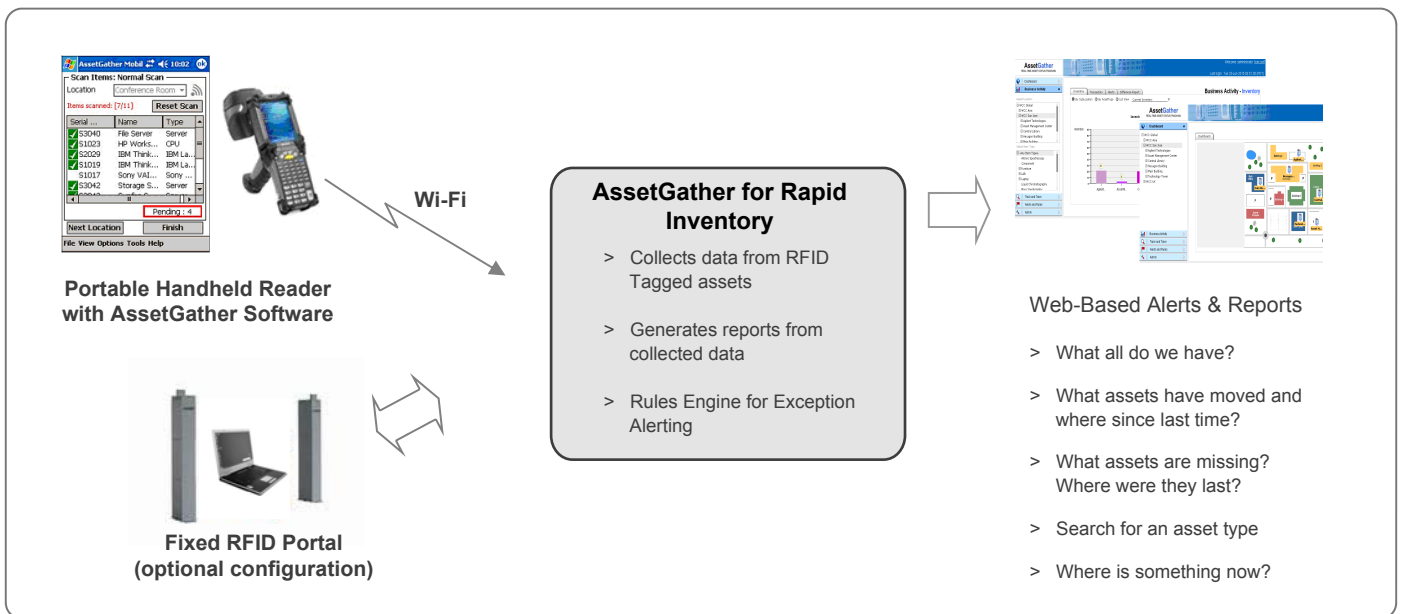
In its most basic configuration, AssetGather comes with a bunch of passive RFID tags and a portable handheld reader. AssetGather allows you to program and commission the RFID tags with a unique ID to identify each individual asset to be tracked. The unique IDs are associated with a record in the AssetGather database where additional information on the asset may be stored. Additionally, each location where tagged assets will be located is marked with a RFID tag created to uniquely identify the location. AssetGather is initially set up to know the locations of all assets. The system is now ready for rapid inventorying.

At inventory time a portable handheld reader with AssetGather mobile software can be walked around and used to quickly scan for location RFID tags and asset RFID tags much faster than is possible with bar-codes. All the data is collected and wirelessly transmitted to the AssetGather server.



Use a simple portable handheld RFID reader to get started. AssetGather for Rapid Inventory provides up-to-date reports viewable from any browser

AssetGather can then be used to generate reports that can be viewed from any browser. For example basic reports will show what assets have moved or what is missing.



AssetGather enables rapid and regular inventorying

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Features and Benefits

AssetGather is designed to be deployed quickly to allow you to realize the following benefits immediately.

- **Realize ROI quickly**
Better Asset information will help cut down on unnecessary capital expenditure, tax overpayment, regulatory non-compliance, and inefficiencies
- **Easy to Deploy**
Deployable with just a handheld; removes the initial need for complex, expensive RFID portal installations
- **Rapid Wall-to-Wall Inventory Reconciliation**
AssetGather's mobile software allows you to quickly walk through all locations, read data and synchronize wirelessly with the server to generate reconciliation reports on the fly
- **Web-Based Reports and Alerts**
The AssetGather reports can be accessed from any browser
- **Security and Alerting**
When fixed readers/portal are used, security alerts can be raised in realtime and delivered by email.

System Components

AssetGather for Rapid Inventory is delivered with the following components

- **RFID Tags**
Passive RFID Tags or Active RFID tags. AssetPulse provides tag selection consultation service, to provide optimal tags for your use case.
- **Tag Commissioning Station**
A RFID reader/writer and a PC pre-loaded with the AssetGather Commissioning software for programming asset and location tags
- **RFID Readers**
Handheld portable RFID readers, Smartphone or tablets with AssetGather Mobile software. Fixed reader portals are optional.
- **AssetGather Server Software**
AssetGather Server software can run on any server configuration with a minimum of 2GB RAM and 20 GB of Disk Space running Linux or Microsoft Windows 7 & above.
- **Browser Support**
AssetGather reports can be displayed on any Internet Explorer 11 or Chrome or Firefox Browser

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To learn more about the AssetGather solution for RFID-enabled tracking of physical assets, please contact us to schedule a demo or a free consultation.