AssetGather
RFID and Sensor-Based Asset Tracking Solution

The business productivity of any enterprise is invariably tied to how well its key physical assets are being managed. Knowing what is available, where it is at any given time and what its operational status is, are all critical elements that have a direct impact on the bottom-line. Presently, companies face many issues that make it hard to effectively track their assets.The reason companies face the above problems is because often data about their assets may reside in silos of data across the enterprise in databases, applications and even spreadsheets. Keeping all the data updated across the repositories, takes too much time and effort. Ultimately, this lack of up-to-date asset data results most commonly in the inability to easily locate assets when they are needed and in the lack of readily available information about an asset's operational status when it is most needed. What is needed is a better way to keep asset location and status data up-to-date by aggregating and updating asset data from all the various repositories of asset information that may exist in an enterprise.

Key Highlights

▸ AssetGather collects, aggregates asset data from various RFID and other sensors, and data repositories

▸ Correlates and analyzes asset location and status data to build comprehensive reports on business operations and performance

▸ Generates real-time alerts on exceptions in business workflow and performance

▸ Easy to configure and use through rich web interface

▸ Integrates with a wide range of RFID readers, databases and applications

▸ Scalable, Web and Java-based enterprise-class architecture

The AssetGather Advantage

AssetGather is a web-based asset status tracking solution that gives enterprises the ability to view up-to-date status of all your critical assets and their impact on associated business processes from anywhere.

AssetGather unique architecture enables this up-to-date mobile-asset tracking by

AssetGather's Web-Based Alerts and Reports

aggregating information about an asset's location and status collected from RFID tags, sensors and from any existing data repositories and applications. To accomplish this, AssetGather was designed from the ground up with a scalable architecture to be able to collect and process data in real-time from RFID, sensors and any other data sources. Further, AssetGather's patent-pending natural language processing technologies can intelligently extract asset data that may be hidden in any unstructured data repositories.

AssetGather truly helps companies break down data silos to provide an aggregated real-time view of their asset data through its rich dynamic web-based reports and its rule-based alerting and notification engine.
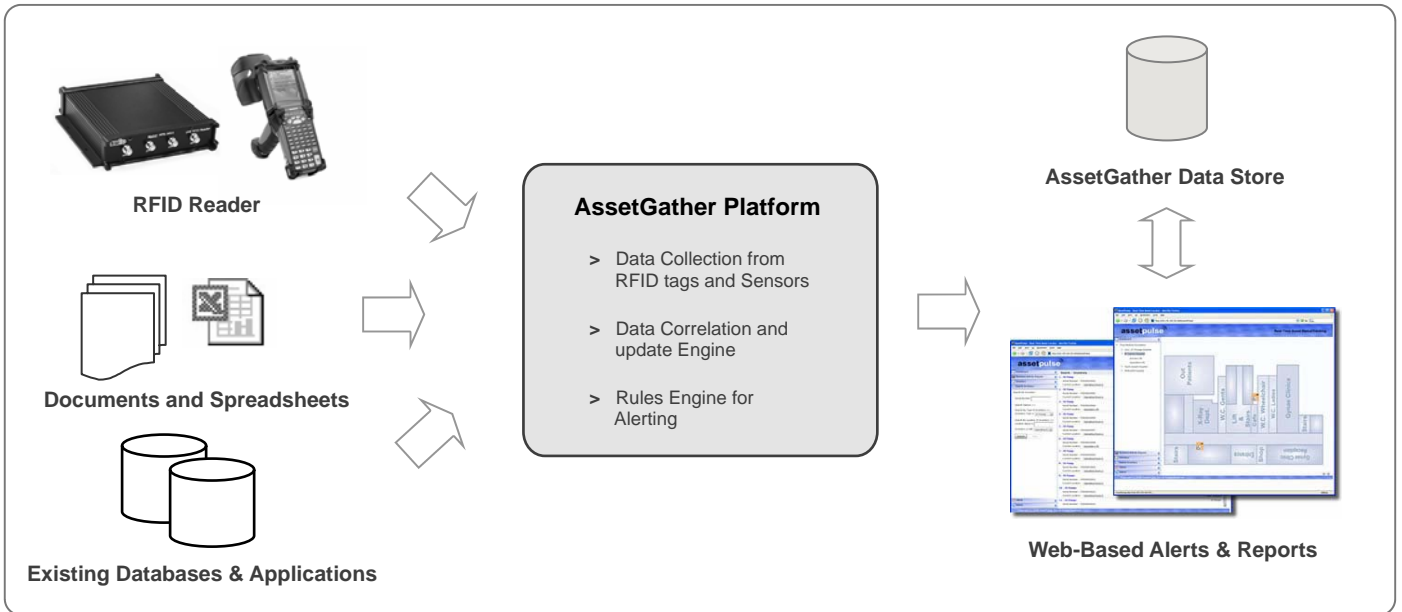
Industry Applications

AssetGather has applications in a wide range of industries where there is a need for centralized and up-to-date asset status tracking data. Below are just some of the broad applications for AssetGather:

- **IT Asset Tracking**
  Provide a centralized and up-to-date view of asset location and status

- **Manufacturing**
  Enable Raw Materials and WIP Tracking

- **Healthcare and Hospitals**
  Prevent the loss or misplacement of critical assets

- **Dcoument Tracking**
  Facilitate the tracking of critical documents

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RFID Reader

Documents and Spreadsheets

Existing Databases & Applications

AssetGather Platform

> Data Collection from RFID tags and Sensors

> Data Correlation and update Engine

> Rules Engine for Alerting

AssetGather Data Store

Web-Based Alerts & Reports

Key Features

AssetGather is designed from the ground up with a robust enterprise-class architecture specifically to collect and process real-time data from RFID, sensors and other data sources. AssetGather's intuitive and dynamic web-based interface allows you to review in real-time, the state of your assets and how they impact your business as changes occur. Key features of AssetGather's platform include :

- **RFID, HW Sensor and Software Sensor-based data collection**

    AssetGather collects and correlates data from RFID tags, sensors, existing applications and data repositories including spreadsheets and even unstructured data sources such as log files and documents which may have asset data.

- **Dashboards and Reports**

    Dynamic and customizable graphical dashboard provides comprehensive, real-time and actionable views of the state of your entire organization's assets.

- **Intelligent Alerting**

    AssetGather's smart rules engine allows you to configure business rules that are relevant to your organization. The rules engine intelligently correlates data entering the system to generate activity, workflow and performance alerts.

- **Asset History:**

    Track and Trace functionality allows you to view historical movement graphically and analyze associated reports.

- **Role-Based View**

    Enables customized and controlled access to individuals depending on their role within the organization

- **Enterprise-Class Architecture**

    AssetGather is built with Java Technology and a robust yet flexible architecture that is designed to leverage your existing enterprise investments. The solution's SOA based architecture allows seamless inter-operation and integration with existing infrastructure, applications and databases.

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Learn More

To learn more about AssetPulse and our unique Asset Tracking solution, please contact us to schedule a demo or a free consultation session.