



Automated Materials Tracking Solutions



SiteSense® Rugged Handheld Computers

BENEFITS

Know the exact location of materials, tools and equipment anytime and anywhere in the world

Avoid expensive delays by teams searching for construction materials, tools, and equipment

Real-time automated material receiving

Eliminate on-site material delivery error

Get the right material to the workplace faster

Automate construction progress monitoring

FEATURES

Rugged RFID tracking tags and readers

Autonomous RFID reader options (ROVER™)

Fixed Zone / gate reader stations for real time receiving

Handheld computers and tablets

Secure web-based software

Integrated tracking with remote control cameras

Reporting tools

Integration applications

ATEX / IECEx tag options

OVERVIEW

In today's world of rising labour costs and labour shortages, RAMP utilises advanced wireless technologies to automate material handling processes and improve efficiencies.

SiteSense® was developed from the ground up for industrial construction projects with the main goal in mind to improve the construction process and reduce costs.

SiteSense® takes the guesswork out of determining the physical location of the materials, tools and equipment. Let SiteSense® do the work for you.

SiteSense® integrates with engineering and construction material and progressing software systems to provide automated reports for material receiving and locating. Material handlers can quickly find the actual location of tagged material by using a rugged handheld computer with a built-in map and Geiger counter functionality that isolates the material. Now material handlers can pick out the exact material in a laydown mixed in with hundreds of other identical looking pieces or even under the cover of snow.

Enhance your supply chain, materials management and production systems with SiteSense® RFID and GPS VISIBILITY





SAVE PROJECT COSTS

Reduce manpower for receiving materials

Materials tagged with RFID can be read automatically via RFID gate stations.

Received materials are compared in SiteSense® to electronic packing lists and bill of materials.

Reduce manpower for locating and pulling materials.

Materials tagged with RFID can be tracked to their exact position anywhere on the project site using the SiteSense® mobile reader infrastructure.

If material moves, the new position will be known in SiteSense®. Material handlers can quickly find the position of the material using the SiteSense® site map and the handheld's built-in Geiger counter to direct them to the right material.

Reduce manpower for identifying available material, tools, equipment and assigning it to a work package.

Since all material and tagged equipment have RFID tags, they all have known locations in SiteSense®.

There's no questioning what material is available for construction use as all tags are decommissioned after being used for construction.



IMPROVE WORK FLOWS

By knowing exactly what materials, tools, and equipment are on-site and where they are located, material handlers and construction managers can ultimately get the material, tools and equipment to the work force faster, meaning more efficiency and productivity.

INCREASE REPORTING ACCURACY

Manual reporting of materials during receiving can lead to reporting errors.

With less human intervention in material handling, data accuracy can be improved, thus saving time in error correction and ultimately in manpower.

Progress reporting can be improved by integrating RFID tag status with construction progress. Once RFID tags are decommissioned then installation can be tracked with automated reports.



TURNKEY SOLUTIONS

RAMP provides end-to-end services, including consultation, system design, installation, training, QC and service.

PROJECT MANAGEMENT

RAMP deploys an on-site project manager to every project to assure smooth operations from system installation and training, to daily use.

INTEGRATION

SiteSense® integrates with many project tools including Primavera®, AutoCAD® Spoolgen® and more.

Progress data collected and analyzed from RFID and GPS tags can be compared with project schedule tools such as Primavera.

Contact RAMP RFID to find out how you can use SiteSense Automated Materials Tracking to fast-track your way to a positive ROI for large scale construction projects.



FEATURES & BENEFITS

FIND MATERIALS 8 TIMES FASTER

Construction materials can be found in a matter of minutes when SiteSense® barcode, RFID and GPS sensor tags are assigned to pipe spools, valves, structural beams, mechanical equipment, electrical equipment and other project critical materials.

Work crews save valuable time when looking for materials to be issued to the field for immediate installation at the construction workforce.

SiteSense® continues to track the location of materials from storage to the construction crews helping to avoid misplacing materials from one crew to another crew.



INFORMATION AT YOUR FINGERTIPS

With SiteSense® Mobile software applications, crews using paper and pen in the field are now a thing of the past.

Construction project tasks including: receiving materials, issuing materials, progressing work packages can be done right in the field with tablets running SiteSense® Mobile software applications.

Work crews have instant access to information on materials and work packages with access to drawings, photos and documents right from their tablet devices.

SiteSense® gives workers the construction information they need when they need it.