

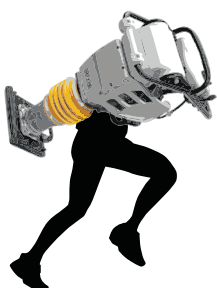


Challenges

In a competitive industry such as construction, an effective cost leadership strategy is critical. Every penny of a project's budget counts and every opportunity to lower logistics and equipment costs must be factored in. Tools and equipment that are not on site when needed can cause unnecessary delays that impact the bottom line. Lost, stolen and poorly utilized equipment reduce productivity and efficiency through:

- Wasted employee work time
- Unnecessary replacement costs
- Increased equipment costs
- Inaccurate internal invoice calculations

In addition, a lack of control over vehicle and container movements causes excess costs and liabilities. In order to maximize the utilization of physical assets and to increase productivity construction companies must work smarter not harder!



Solution

TraceTracker Asset is a system for effective utilization of resources at equipment intensive companies. The solution manages and tracks all types of equipment, tools, vehicles and containers in near real-time, across diverse locations. It provides information about which assets are available and ensures that the right equipment is at the right place at the right time. The system includes the following:

- Map application
- Find available equipment
- Equipment history
- Warehouse management
- Fleet management
- Electronic driving records
- Container tracking
- Equipment certification management
- Maintenance management
- Specialized reports
- Smart phone application- "Mobile Asset"

A system to grow with

It is easy to get started. Individual assets are marked with RFID tags, 2D bar codes, or GPS. The system is user friendly and accessible through any modern web browser. The system's many functionalities can be implemented in stages, according to your company's priorities.

Use your smart telephone!

TraceTracker Asset comes with a mobile app, "Asset Mobile" that enables workers out in the field to register, search for and update the status of assets, using their existing mobile phones.

Benefits

With TraceTracker Asset, companies save money through:

Full control of assets: Monitor asset movements, availability and use.

Improved asset utilization: Equipment can be effectively shared between project sites.

Improved accuracy of internal invoices: Invoices based on when assets were actually used.

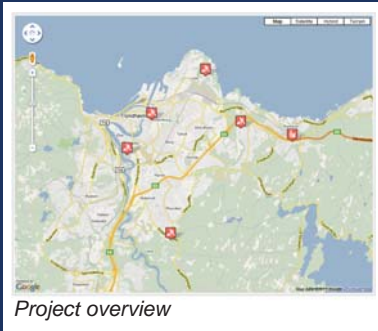
Reduced work stoppages: Immediately locate tools. Reduce time spent waiting for tools to be located and fetched from other projects.

Optimization of ratio of owned and leased assets: View a complete usage history for each category of asset and quickly determine if it makes more sense to buy or lease.

Reduced theft and misuse: Receive a warning via sms or email when assets move outside pre-defined areas.

Based on an evaluation done in cooperation with the construction industry, TraceTracker Asset could save 2-4% of a company's yearly turnover.

Example use cases



Project overview

Project management

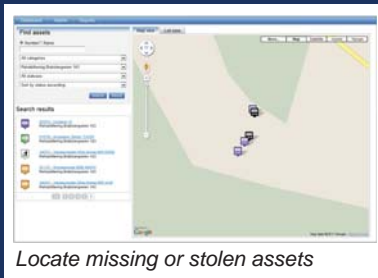
- Define project locations and “electronic borders” on a map.
- Monitor asset use from anywhere, using any modern web browser.
- Have a full overview of all the equipment on a project site at any given time.
- Find the nearest available piece of equipment on your own or another project site.

Utgangspunkt	Asset ID	Asset Type	Location	Status	Utilization
100000	100001	Excavator	Site A	Active	85%
100000	100002	Excavator	Site B	Active	70%
100000	100003	Excavator	Site C	Active	90%
100000	100004	Excavator	Site D	Active	60%
100000	100005	Excavator	Site E	Active	75%
100000	100006	Excavator	Site F	Active	80%
100000	100007	Excavator	Site G	Active	70%
100000	100008	Excavator	Site H	Active	85%
100000	100009	Excavator	Site I	Active	75%
100000	100010	Excavator	Site J	Active	80%

Asset utilization report

Utilization

- Rapidly find needed equipment to increase project effectiveness and reduce the amount of time that equipment sits idle.
- Base internal invoices on accurate, timely information.
- Optimize the relationship between owned and leased equipment.



Locate missing or stolen assets

Loss and theft reduction

- Track movements of equipment, tools, containers and/or vehicles.
- Set alarms for abnormal asset movements.
- Receive notification by SMS or email when specific assets move outside a determined boundary.
- Quickly determine if an asset is missing.

Asset ID	Asset Type	Repair Description	Status	Due Date
100001	Excavator	Oil change	Completed	2011-01-15
100002	Excavator	Filter change	In Progress	2011-01-20
100003	Excavator	Brake pads	Planned	2011-02-01
100004	Excavator	Engine oil	Completed	2011-01-10
100005	Excavator	Hydraulic fluid	In Progress	2011-01-25
100006	Excavator	Inspection	Completed	2011-01-05
100007	Excavator	Chain adjustment	Planned	2011-02-10
100008	Excavator	Light bulbs	Completed	2011-01-18
100009	Excavator	Wash and wax	In Progress	2011-01-22
100010	Excavator	General maintenance	Planned	2011-02-05

Overview of repairs

Safety and maintenance

- Identify tools in need of repair.
- Effectively maintain lists of repairs and maintenance history.
- Notify key personnel when equipment certification must be renewed or when routine maintenance must take place.

Features

Scalable: TraceTracker Asset is suitable for companies of all sizes

Free choice of data sources: Choose between passive RFID, active RFID, GSP-units, or bar codes together with smart telephones, handheld readers, fixed readers, and many types of inexpensive ID labels.

Standardized: Data is stored in an international standardized format (EPCIS from GS1).

SaaS: Delivered as a subscription based service on the web (Software-as-a-Service). There is a fixed monthly price for the entire solution including installation and hardware.

TraceTracker is a leading provider of asset tracking and product traceability solutions, delivered through a unique platform, innovative software and professional services.

Visit www.tracetracker.com for more information.

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Contact us for a demo today!

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