

## Asset Tracking

Effortless and up to the minute tracking and management of assets is an invaluable tool, and through Libramation, becomes a reality. Partnering with IDENTEC Solutions, Libramation is pleased to provide IntelliFIND, a revolutionary asset management system.



IntelliFIND proves the ultimate in asset visibility and control. Quick and easy to deploy this technology delivers instant results that translate into immediate and long term savings.

The IntelliFIND system can identify stationary or moving assets from previously unattainable long distances. Information can be gathered from upwards of 1640 feet (500 meters), allowing assets to be registered and tracked, and for data to be collected in real time, at long distances either while objects are stationary or in motion. By utilizing active and/or passive RFID tags, and readers (installed at chokepoints, mounted on vehicles, or via a hand held device) you can see exactly where your assets are at any given time. Libramation is able to provide a variety of active and passive RFID tags from numerous suppliers to meet the diverse needs of any client.



One option, common when tracking larger items in a warehouse, service yards or laydown yard, is the IDENTEC Beacon tag. These tags actively broadcast an RFID signal to be picked up when a reader is in the vicinity.

Another option available, are the miniscule Xerafy RFID tags. These are passive tags, designed to be used on metallic items and able to withstand extreme temperatures and other harsh elements, such as high impact and caustic chemicals. These tags can be attached to any and all equipment, and can even be embedded inside metallic assets. These tags are especially good in cases where only periodic reads for inspections, calibrations etc., are needed.

Whatever your needs, Libramation will deliver a customized RFID solution to ensure the best visibility and control over your equipment and materials.



## Drilling Operations Tracking System

In the Oil & Gas Industry, every second counts. Since pipe failure can result in multi-million dollar losses, deriving the greatest return on your investment requires maximum uptime. The Drilling Operations Tracking System (DOTS®) developed by Trac ID™ in Norway, and distributed by Libramation in Canada, reduces operational downtime by preventing drill string failures.

Monitoring fatigue damage during drilling operations allows either a specific section, or the entire drill pipe length to be evaluated under real-time operating conditions. Analysis starts at spud, and is performed on each joint of pipe as it travels along the well path to TD. This allows a quantitative evaluation of relative fatigue damage, accumulated joint-by-joint for the drill string. It also provides the opportunity to manage logistics, forecast pipe inspections and position pipe sections to mitigate cumulative drill string fatigue damage.



Companies using the DOTS® system have experienced quantifiable significant benefits, including:

- Reduced drill string failures, downtime, and loss of equipment
- Increased drill pipe lifespan
- Improved historical profiles of pipe wear
- Automatic drill pipe tally, improved equipment utilization and data quality
- Stops the accidental use of quarantined drill pipe

*Libra*Mation ... Liberation with RFID Technology



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## GPS and Satellite Tracking

No technology will fit every application, which is why Libramation, paired with Geoforce and Globalstar, combines GPS, RFID, and other wireless technologies, into a single asset management solution. GPS tracking tags give you the ability to remotely monitor and manage your inventory assets and fleets practically anywhere in the world. We offer two basic types of GPS tags: cellular and satellite.

Satellite GPS tags operate worldwide, and can operate entirely on batteries for several years providing location or other information at minimum 100 times per month, or roughly three times per day. There are a variety of data packages available, allowing for increased communication.

Cellular GPS tags operate within cellular coverage areas and can provide a detail history or "breadcrumb trail" showing exactly where your assets have been and other valuable information like vehicle speed, engine run-time, or a variety of other important sensor statuses.



## Satellite GPS Fleet Management

Along with the use of the GPS tags provided by Libramation is able to combine the technology with state of the art software from to provide the very best in fleet management tools. CompassTrac is the universal automatic vehicle location and mobile resource management server software.

The CompassTrac solution will:

- Track vehicles on digital maps or the customers GIS data
- Display vehicle positions, speed, heading and status in real-time
- Support computer aided dispatch system integration
- Replay vehicle activity from user-defined date and time
- Display incident location and status
- Provide additional information such as whether lights, sirens, plow or engines are on or off.

This sophisticated software solution will increase your control over your fleet, improve productivity, increase efficiency and reduce costs while improving driver safety



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## Satellite GPS Messenger

It is not uncommon for employees to be working in isolated locations, alone and out of reach of traditional communication such as cell phones and internet. This poses a unique problem when workers are unreachable in high risk, remote areas. It is an ongoing challenge for companies to provide a safe environment and ensure effective communication.

Libramation is pleased to offer a solution. SPOT, provided by Globalstar, is the world's first satellite messenger, providing; track progress, custom messages, check in/out, help and critical alert SOS.

Using both the GPS satellite network to determine a worker's location and the Globalstar simplex data network to transmit that information to employers or an emergency service center, SPOT will always add a layer of safety to your operations.

SPOT combines GPS and satellite communication technology, meaning it works even where cell phones are unavailable. This reliable messenger is a simple, affordable way to address safety concerns for lone workers, and guarantee essential and consistent contact in even the most out-of-the-way locations.

\*Certified Intrinsically Safe to Class I Division 1 Group A-D

## Document Management

DocStaxx© is a paperwork management solution that uses inexpensive HF-RFID tags to track documents and files in real time. This turn-key, web-based system can automatically identify documents and folders as they move, while providing a complete online audit trail identifying who has accessed each document, and when. DocStaxx© can work seamlessly with existing filing systems, while adding a layer of high-technology security.



If tracking important documents is vital to you, if you're struggling with the security of crucial paperwork, or if day-to-day file management has become a major administrative headache, then DocStaxx© is the solution.

## About Libramation

Libramation has over a decade of experience in implementing successful, quality LF, HF and UHF RFID and GPS solutions. We partner with best of class systems providers to deliver the highest quality solutions to translate innovative technology and customized processes into increased efficiency, enhanced productivity, safety and substantial ROI.

For more information or product demonstration on any of Libramation's RFID/GPS solutions, please contact a sales representative today, toll free at: 1-888-809-0099,

Email us at: [info@LibraMation.com](mailto:info@LibraMation.com)

Visit our website at: [www.LibraMation.com](http://www.LibraMation.com)



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