



Logistics Solutions

Real Time Locating System (RTLS):

AiRISTA's RTLS platform integrates several popular technologies including RFID, RSSI, TDOA and GPS with two patented location determination technologies to provide one of the leading indoor and outdoor location tracking solutions available in today's marketplace.

Radio Frequency Identification (RFID)

AiRISTA offers RFID products and platforms that individually or collectively address a wide array of functionalities necessary for deploying a cost-effective RFID solution. AiRISTA's RFID technologies deliver a strategic advantage through integration of passive, active and semi-passive RFID technologies into a single "tag-technology-independent" approach.

GPS Locating & Security Monitoring

Additional security enhancement technology add-ons, such as GPS tracking/locating, can be easily incorporated with any of AiRISTA's Logistics solutions.

AiRISTA develops and delivers a wide range of turn-key solutions incorporating RFID, RTLS, GPS and related technologies that enables real-time management of mobile personnel, assets and resources to government and commercial clients. With our robust and comprehensive Track and Trace solutions, clients realize a reduction in resources, cost and errors while benefiting from increased efficiencies, productivity, safety and revenues.

((Background))

With the increased need for visibility into the broad supply chain processes and demands to meet service-level commitments, most logistics providers view the role of RFID-based logistic services as paramount to their organizations' growth and efficiency. A holistic approach underlines the benefits of adoption of a technology-agnostic solution by logistics providers that could span and effectively work in various environments providing visibility from source to destination and critical points along the way.

((The Need))

Challenged by the transportation "black-holes" and inability to gain visibility into the product flow, logistics companies are continuously facing problems serving verticals with high product value and strict regulatory requirements. Challenged by the continuous need to optimize operations, reduce theft/misplaced assets and maximize asset utilization, logistics companies can better serve their customers with real-time and accurate information on the whereabouts and status of their assets.

((AiRISTA Solutions for Logistics))

Including Oil & Gas, Pharmaceutical, Offshore Vessel Service companies

- Shipment & Cargo Container Tracking
- Supply Chain Visibility
- Yard and Fleet Management
- Asset & Personnel Tracking for Safety and Security
- Improving how gas cylinders are shipped, distributed, tracked, and monitored

Shipment and Cargo Container Tracking

Without a single solution that fits all environments, operational needs, data requirements and partner requirements of logistics companies, the technology-agnostic approach of AiRISTA's solutions brings about the ability to capture and fuse data from various sources. These include data captured through passive, battery-assisted and active RFID tags with various on-board sensors for detection of position, temperature and motion. Data may then be fused with additional data transmitted by GPS devices using cellular or satellite networks to pinpoint on maps or send notifications of various events of interest including those of arrivals, departures, staging, loading and unloading shipment and cargo on board of vessels or into trucks.



Ensuring that organizations operate efficiently and effectively through gains in visibility, increased personnel safety and improved asset security and utilization

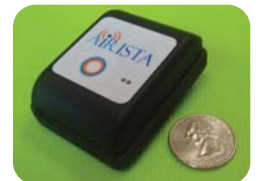


((Benefits of AiRISTA Technologies))

Logistics provider organizations, their personnel and their customers are all among the beneficiaries of AiRISTA's solutions for Logistics. They benefit from a comprehensive and end-to-end visibility solution which may start the identification and tracking process of the real-time location and status of goods from manufacturing or load-point to transit via truck or on board of a vessel, arrival at a port, storage at a yard, in transit at sea and delivery to an oil rig. Stakeholders are empowered to:

- Eliminate time lags between field action and stakeholders' awareness.
- Automate time-consuming and error-prone manual processes by deploying technologies for product/cargo identification and verification.
- Reach higher operational efficiencies by managing utilization of assets and resources more effectively. This is accomplished through various means including those of reduce asset search times and the ability to make intelligent business decisions based on real-time information on the location and status of key assets.
- Boost revenue with automated billing.
- Eliminate time lags between field action and stakeholders' awareness.
- Reduce errors by sensing, capturing, notifying and reacting to various events through workflow automation and business rule enforcement.
- Replay scenarios and report on historical events by tapping into a wealth of data stored on the back-end.
- Schedule and opt-in to receive notifications through voice, email and SMS of events of particular interest.

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Tags may be available in different colors



913 Ridgebrook Road
Suite 110
Sparks, MD 21152
Voice: 410 878 2700
Fax: 410 878 2561
www.airista.com