

Location and Situational Awareness for Business Transformation

# TRACKING AND IOT SOLUTIONS

Turn-key software and tracking technologies customized to your exacting requirements





## Office Environments

Staff time is a significant cost to an organization, and asset utilization a critical element of an organization's business. Utilize barcode and RFID tracking technologies to reduce costs and increase efficiencies in day-to-day operations.

- Office assets
- Personnel
- Documents
- Supplies

Always know the location and status of your assets and staff so that operations are optimized and for generation of rapid and accurate annual fixed asset inventories.



## Industrial Environments

In industrial environments, keeping facilities running at full capacity is essential to company performance. Know the status of your assets proactively and maintain equipment and facilities for maximum uptime and throughput.

- Industrial assets
- Personnel
- Materials
- Inventory
- Parts
- Tools
- Plates, dies and job files
- Predictive and efficient operations.



## Manufacturing Automation

Production lines need to operate at maximum throughput and output has to be maximized. All aspects of a production line, conveyors and a facility's environment must be constantly measured and maintained for performance.

- Monitor production line performance
  - Measure production against objectives
  - Measure power, water and other inputs
  - Immediately identify production deviations
  - Measure facility air and temperature
- Identify impediments to performance immediately, so that energies can be focused on the key points of an organization's performance. Increase output and profits.





## Barcode, QR Code and RFID

Barcode and QR codes increase accuracy and speed of transactions.

RFID enables passive tracking at choke-points, doorways, docks or anywhere within an organization for automated tracking. And provides security at exit points to track the items being removed from premises.

- Eliminate paper-based processes
- Replace spreadsheets with database
- Last-point detected location awareness
- Automate processes with tracking data
- Mobile scanners for inventories and audits
- Reengineer operations through tracking.

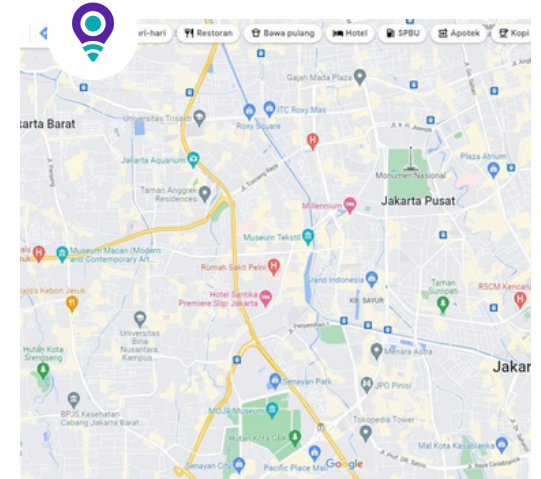


## Long-range Tracking Technologies

Long-range tracking technologies can detect assets and personnel real-time from distances of 100's of feet or miles.

Having real-time location data revolutionizes a business's performance. All assets and people are continually detected and their location and status identified real-time.

- Track staff and assets indoors and outdoors
- Real-time inventory and location data
- Geo-fencing for movements and alerts
- Optimizes personnel mustering



## GSM-GPS Tracking

GSM-GPS technologies can be utilized for on-premises and/or worldwide tracking. Whatever person, vehicle or asset that is tagged will be tracked anywhere in the world real-time, all-the-time.

GSM / GPS repeaters and signal amplifiers can be placed on premises, indoors and outdoors, for close-proximity location data.

- Track worldwide all the time, everywhere
  - Measure motion, speed and behaviors
  - Create alerts based on movements
  - Track on-premises and in-facilities
- GSM-GPS tracking technologies provide worldwide and on-premises real-time tracking. ➤



- Optimize organizational efficiency
- Reduce operational costs and increase profitability
- Enhance customer relationships and retain customers
- Outperform competitors
- Always know the location and status of assets and staff
- Predictive versus reactive business processes
- World class excellence



# American Specialty

**CONTACT US:**

**American Specialty**



905 W Evans St  
 Florence, SC 29501  
[www.americanspecialty.biz](http://www.americanspecialty.biz)  
 800-466-9561

