

Indoor and Outdoor Asset Tracking



Challenges

Tracking Your Assets is Expensive and Complex

Do you know the real-time location and status of all your assets? Vehicles, equipment, people, or other business resources? Many businesses waste hours searching for assets and pay full-time employees just to manually enter location and status data that's imprecise at best and error prone at worst. Most asset tracking solutions in the market are expensive, battery inefficient, inflexible, and fail indoors. Our solution is the most cost-effective, secure, and mature product available and is used by leading enterprises to track and monitor hundreds of thousands of assets on a daily basis.



The Leverage Solution

Low-Cost Asset Tracking Indoors & Outdoors

Get real-time location and monitor the status of assets indoors and outdoors, with proven scale at the lowest cost. Leverage built and manages the largest LoRa asset tracking deployment in North America (>500,000 assets) and has been independently certified for the highest levels of security. Easily tailor the solution by defining user roles and permissions, uploading floor plans and customized maps, creating geofences, adding custom business logic, setting alerts and rules, and integrating with APIs. Use the power and range of low-cost LoRa connectivity to deliver asset tracking solutions on private networks.

Benefits

Get real-time location and status updates for assets indoors and outdoors, with proven scale and security at the lowest cost.



Track Indoors & Outdoors

Don't lose track of assets when they move inside. Seamlessly track location and monitor asset status both indoors AND outdoors.



Tailor to Your Business

Configure user roles and permissions, upload floor plans, create lots and set geofences, implement custom workflows and business logic, and integrate with APIs.



Low CapEx & OpEx

Low cost to purchase, implement, and manage means you can finally track ALL your assets and realize a greater ROI.



Enterprise-Grade Security

We've been independently audited by multiple, leading security companies so you can trust that your data and assets will remain secure.

Leverage on AWS

AWS provides the flexible cloud infrastructure and dedicated IoT services like AWS IoT Core to ensure global scalability and enterprise-grade reliability at the lowest cost possible. Using this foundation, Leverage has been able to focus on building the features and tools unique to indoor-outdoor asset tracking with LoRa and other Low Power Wide Area Network (LPWAN) connectivity options such as cellular LTE-M and NB-IoT. This best-of-breed approach drives feature-rich applications that can be deployed and scaled effortlessly.

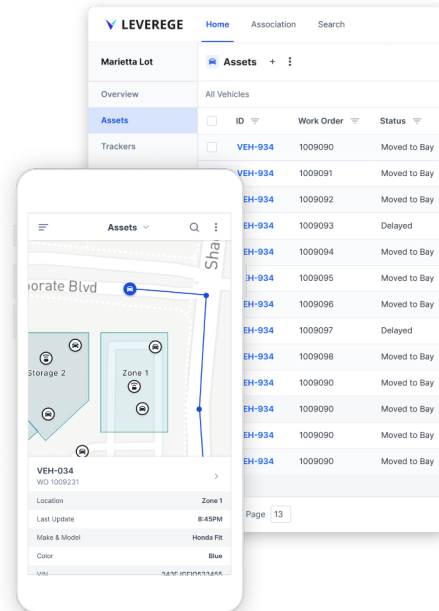
Features

Extensive UI-Based Configuration

Tailor the solution to your business with no code needed, you can configure directly from the user interface. Configure user roles and permissions, upload floor plans and custom maps, create zones and set geofences, and implement business-specific workflows. You can also build real-time and historical data visualizations with charts, tables, maps, and gantt charts. Save these configurations for different user roles (e.g. admin vs. manager vs. regular user) and even on a per user basis.

Installation and Management Tools

Install the solution across your business and assets with minimal overhead and training. Bulk pair/unpair functionality enables quick roll-out of tracking devices to all your assets and a sophisticated device management portal allows you to view device states, connectivity status, battery levels, and update device firmware over the air. Provision, deploy, and manage devices at scale across your entire enterprise and make location data available to existing business systems of record through simple APIs.



Manheim Customer Case Study: [Manheim Auctions](#)



Challenges

Manheim has over 100 auction sites with between 5,000 to 30,000 vehicles per site. Manheim had to employ scores of people to locate cars, manually scan vehicles, and prepare them for auction - which was labor intensive, prone to human error, and not real-time.



Solution

Leverage worked closely with Manheim to understand the nuances of Manheim's auction business, building extensions and integrations on top of the asset tracking solution to maximize business value.



Results

Manheim now has the real-time location of >500,000 vehicles across all auction sites, cutting costs while improving efficiency and customer experience. The asset tracking system is used daily by lot managers and the APIs have enabled Manheim to augment existing business applications with location data.

Customer References and Case Studies

- Manheim: [Link to Case Study](#)
- Toyota: [Link to Case Study](#)

Get started with Leverage solutions on AWS

Visit leverage.com to get get started today