Asset tracking that works out of the box.

The challenge: Driving business impact with IoT asset tracking

Businesses worldwide, especially those that transport high value or critical assets, are searching for a reliable way to track their assets and use asset data to optimize operations. Understanding what's happening to an asset anywhere along the supply chain, or at any point in time, can lead to real-time data insights and more informed business decisions. Having this level of detail helps drive operational efficiencies and cost control, while leading to fast issue identification and resolution.

You need an IoT solution capable of tracking assets at scale. But building a system that can track device status, integrate data, provide analysis, and make it available to business users is complex. The time, cost, and expertise required to design, manufacture, and certify an end-to-end solution prevents many companies from even getting started.
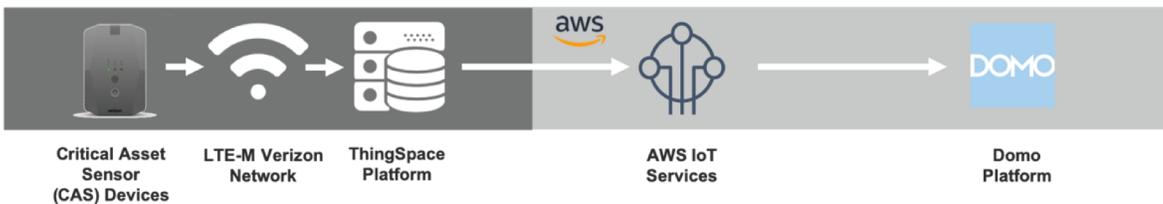
Domo IoT Asset Tracking
A joint solution with Verizon + Domo + AWS IoT

Verizon, Domo, and AWS IoT have partnered together to deliver a secure, reliable, enterprise-grade solution that can ingest and store massive amounts of IoT data, combine it with data from other parts of the business, and then analyze and apply sophisticated data science in order to set up alerts and deliver key insights to decision-makers and cross-functional teams.

Domo's Asset Tracking Solution is built with three key components that work together to help you quickly and affordably get value from your IoT asset tracking information:

• Verizon Critical Asset Sensor
• AWS IoT Core and Data Services in the Cloud
• Domo Platform and Asset Tracking App

Asset Tracking Out of the Box

Critical Asset Sensor (CAS) Devices → LTE-M Verizon Network → ThingSpace Platform → AWS IoT Services → Domo Platform

Device data and connectivity
With Verizon's LTE Cat M1 Low Power WAN (LPWAN) network, sensors securely and reliably gather geo-location and environmental device data at scale.

Cloud scale
With AWS IoT Core, your connected device data is stored in AWS and can easily and securely interact with cloud applications and other devices.

Seamless data distribution
With Domo, connect your IoT and other source data and make it available to business users with Domo's Asset Tracking app, with dashboards that can be viewed on desktop, tablet, or mobile.

Native alerting
With Domo, get real-time alerts on your phone when an anomaly is detected, such as a machine going offline.

Domo IoT Asset Tracking on AWS

Domo's open cloud platform provides pre-built APIs to connect your Verizon device data from AWS, along with data from any other cloud or on-prem data source, then combines it into a single view accessible through dashboards and apps. Get real-time views of your device status with the Asset Tracking app, including temperature, moisture, or light—any time, from any device. With built-in alerts, you can send notifications when devices reach a specified location or status, then take immediate action on any issues. And with Domo's security and data governance policies, you can rest assured that every users sees just the information they need.

Features

Integrate data with ease

With a robust data pipeline, data integration is quick and automatic.

- Get data streaming functionality integrated natively into AWS IoT Core and AWS IoT Analytics.
- No need for configuration when new assets are brought online—new data begins feeding into the pipeline automatically.
- Integrate data sources from other parts of your business--such as finance, sales, or service--so you can clearly see how your IoT data is impacting your business.
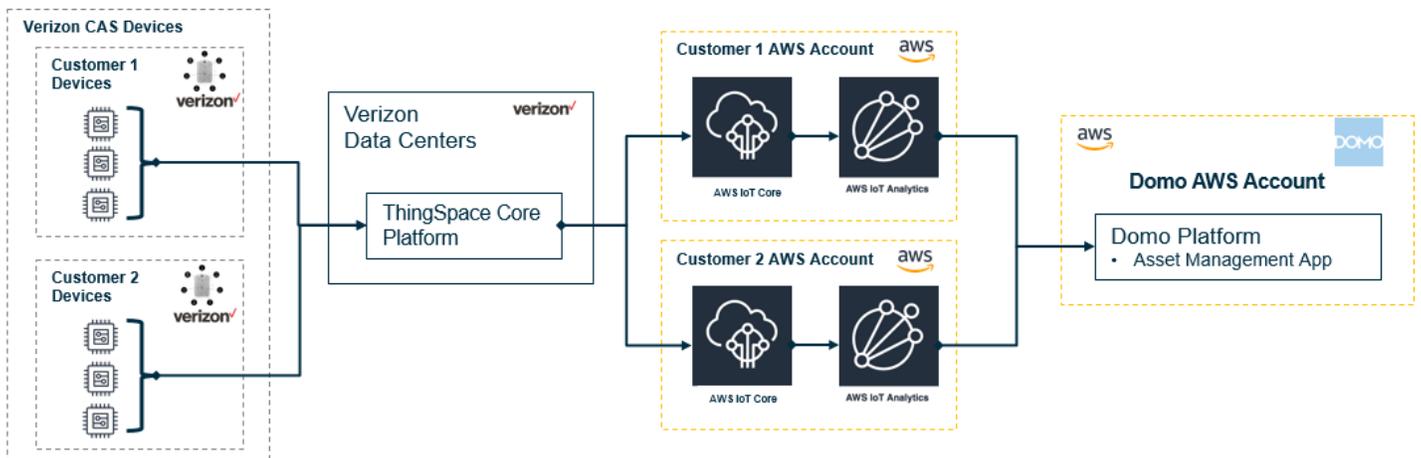
Track devices in real time

Get pre-built dashboards that show you the status of all your devices in real-time, with interactive charts that are easy to use and available on your computer or phone.

• Use machine learning and artificial intelligence tools to get predictive insights and proactively solve problems.

• Get automatic insights on your data, such as outlier detection, correlations, and more.

• Set up custom alerts to be notified when data varies from your defined thresholds.

Architecture Overview

Get started with Domo solutions on AWS

Visit the AWS Marketplace or to the Partner Device Catalog to purchase today.