



AKUA Cargo Track

Cargo Tracking and Monitoring SaaS

AKUA Cargo Track is an advanced Software-as-a-Service (SaaS) solution that tracks and monitors the location and status of goods in transit. AKUA Cargo Track's single-platform solution provides 24x7 end-to-end in-transit visibility across complex supply chains enabling users to enhance operating effectiveness and efficiency; minimize loss from theft, damage, or other spoilage; and optimize the value of goods through predictive analytics based decision-making

AKUA Cargo Track is accessible through a web browser, web-enabled mobile device, or via the AKUA Cargo Track mobile app. Cargo Track processes the sensor and location data collected and presents it in user-friendly, easy to understand maps, graphs, tables, and reports. Cargo Track also issues alerts in the event of breach detection, geo-fence violation, and threshold exceptions.

Account Customization

AKUA Order Track can be customized to operate seamlessly with existing operations, processes, and business needs. Through account setting, individual user rights can be established with customized display settings. Business rules and event triggers can be created, specifying what notifications are issued to which key recipients.

Sensor Monitoring and Tracking

The security and condition of goods is continuously monitored and can be displayed at any time. The current environmental sensor data (shock, motion, temperature, humidity, and light), security seal status, and GPS location information can be displayed in either map or report modes. The same information can also be displayed for a specified period of time as a graph, or in the form of a map for location data, and can also be viewed over the course of a journey in playback mode.

Alerting

Alerts assure notification of issues as they occur to facilitate response and prevent or limit consequences. Alerts are delivered in both Email and SMS formats to mobile and desktop devices. Alerts are user defined and can include events such as entering or exiting a geo-fence, an environmental sensor threshold exception, or a security seal tamper occurrence.

Location Mapping

AKUA Cargo Track enables users to visually locate shipments and assets using Google Maps or an alternative mapping application, depicting both map and satellite views. Locations can be easily pinpointed by street address, intersection, or nearby landmarks. The display can be toggled between map and satellite view as well as zoomed in to see street level detail.

Reporting

AKUA Cargo Track reporting enables users to transform vast amounts of sensor and location data into actionable information. AKUA Cargo Track reports are fully customizable and designed to empower customer with the information they need to make informed, timely decisions.



Key Features

- In-Transit Visibility

Provides real-time location and status for every shipment, every asset.

- Geo-Fencing

Enables area of interest to be defined anywhere in the world to detect arrivals and departures, route deviations, and security violations.

- Intelligent Alerts

Provides email and SMS alerts to exception events such as security breach or intrusion, geo-fence transgression, or environmental threshold violation.

- Sensor Agnostic

Supports most sensor devices, sensor technologies, and data categories.

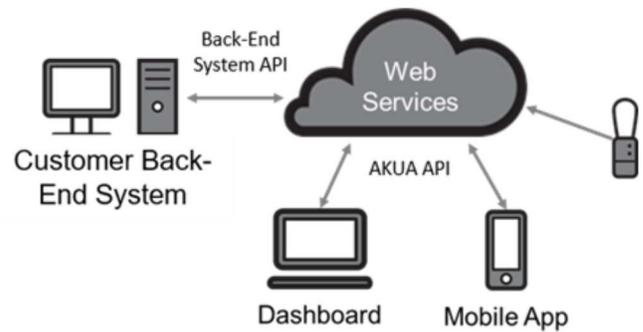
AKUA Web Services

Tracking, monitoring, alerting, validation, authentication, analytics, reporting and all other processing functions are performed by AKUA Web Services.

Users interact with AKUA Web Services using the AKUA Cargo Track UI, the AKUA Dashboard desktop, or the AKUA Order Tracker mobile app, all of which interface with AKUA Web Services via an AKUA API. Third party and proprietary tracking and monitoring clients may also interface with AKUA Web Services using the AKUA API.

Back-end Systems

AKUA Web Services often interact with customers' back-end systems. Back-end systems may be called to authenticate users, and in some cases to provide destination or delivery locations; asset, vehicle or other resource assignments; and to receive confirmations and accounting data. In most cases, AKUA Web Services interact with customer back-end systems via those back-end systems' published APIs. This avoids the need for custom development on the back-end system and provides interoperability should the customer back-end system change at some future time.



Why AKUA

AKUA brings together a strong heritage in cybersecurity, supply chain logistics, and big data analytics. Our principals and founders are recognized as leaders in creating smart supply chain technology and solutions, and bringing security to the Internet-of-Things for supply chain logistics. By combining our legacy in cyber security and supply chain logistics, AKUA has created the industry's first global, end-to-end physical and cyber secure logistics solution.



Learn more at akua.us.