



Product Datasheet

Estimated Time of Arrival-as-a-Service™ (ETAaaS)

There are many actions in your supply chain that must be managed in order to make sure your cargo arrives at its destination on time. Even with precision planning, as soon as cargo is on the road, you no longer have control over when it will arrive.

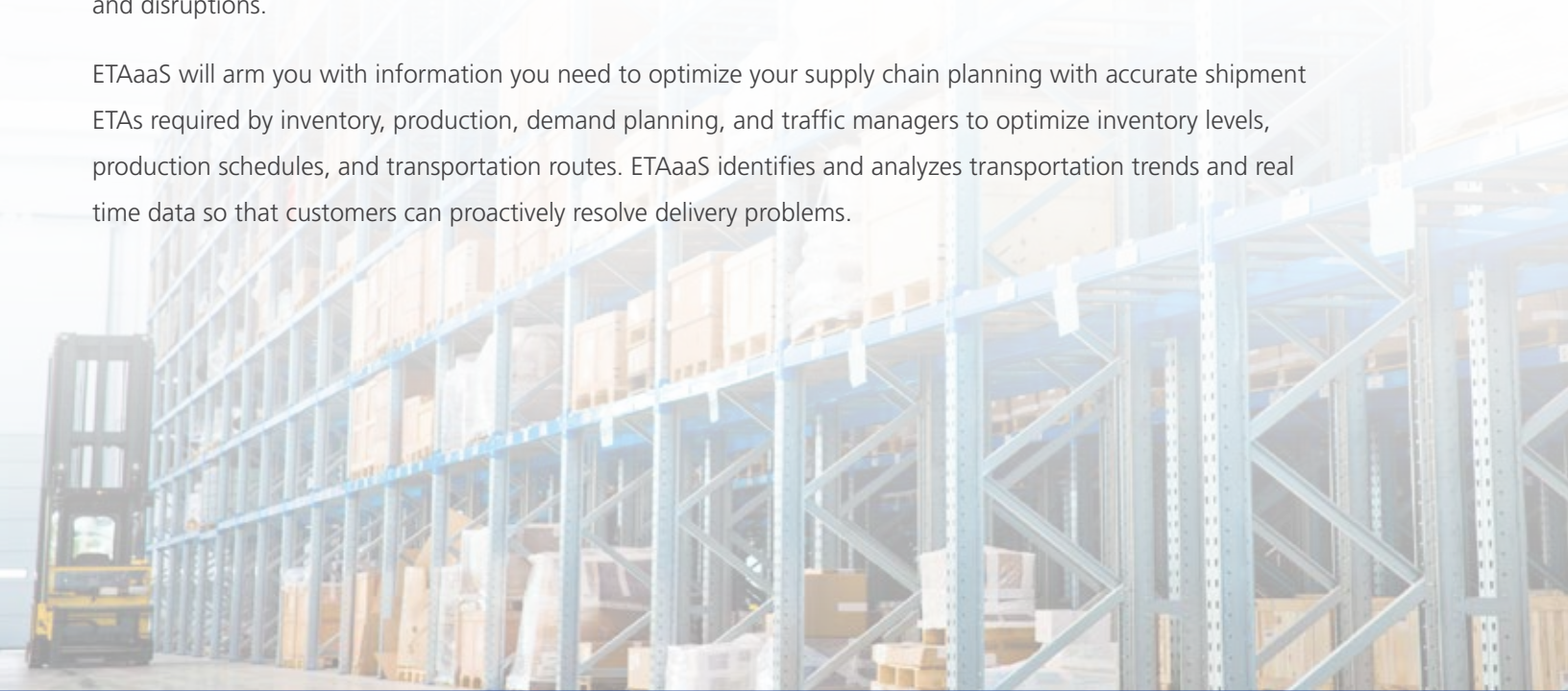
With Savi's Estimated Time of Arrival-as-a-Service (ETAaaS), you now have the power to regain control. Our solutions have helped more than 1,000 organizations increase their on-time deliveries by 48%.



THE POWER TO TRANSFORM YOUR SUPPLY CHAIN

Through the combination of big data, supply chain analytics, and Savi's advanced technology, you now have the power to obtain complete transparency within your supply chain due to real-time, dynamic operational intelligence that provides the accurate shipment ETAs—enabling you to plan for and respond to supply chain challenges and disruptions.

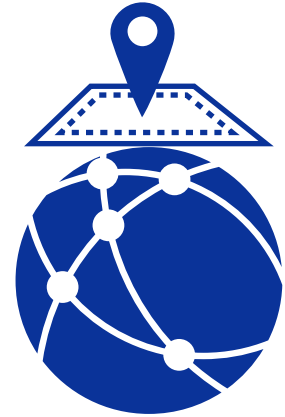
ETAaaS will arm you with information you need to optimize your supply chain planning with accurate shipment ETAs required by inventory, production, demand planning, and traffic managers to optimize inventory levels, production schedules, and transportation routes. ETAaaS identifies and analyzes transportation trends and real time data so that customers can proactively resolve delivery problems.



Take back control with accurate ETA

KNOW PRECISE LOCATION OF GOODS AT ANY POINT IN TIME

ETAaaS shows current ETA information for shipments on live maps with geofences anywhere in the world—and sends real-time alerts to notify 3PL firms, distribution centers, production facilities, and stores if goods will arrive later or earlier than expected. Our solution displays every route in a customer's supply chain—down to individual carriers, segments, and ports. ETAaaS tracks all shipments, including those still being processed at a site, on an interactive global map. Our real-time shipment tracking and alerts optimize global multi-modal supply chain performance, improve delivery times, and decrease costs.



REDUCE INVENTORY AND TRANSPORTATION COSTS

Savi's ETAaaS is a SaaS solution that takes in historical and real-time data in any format—from telematics, transportation management systems, ERP, EDI messages, sensors, and other sources—to provide in-transit visibility down to the SKU level. The solution analyzes route history, mode of transportation, environment, driver behavior, and other data in order to accurately predict arrival of goods at plants, distribution centers, and retail stores as well as to solve inventory management, cross docking, and on-time delivery challenges.



Easily identify shipments at risk

The screenshot displays the Savi TRACKING interface. On the left, a table lists 200 shipments with columns for Shipment ID, Current Status, and Driver Code. The status column shows various indicators: 'ETA, Late' (yellow circle), 'Late' (red circle), 'Warning' (yellow triangle), and 'Monitored Transit' (green circle). Each row has a 'Clear Shipment' button. On the right, a map shows the United States with colored markers corresponding to the shipment statuses in the table. The interface includes a search bar, filters for 'Owner Code', 'Include Child Owners', 'Current Status', and 'View Movements', and a 'Create Shipment' button.

Savi's ETAaaS shipments overview screen allows you to see the status of all active shipments at-a-glance and quickly identify those at risk of missing the expected arrival time.

OPERATIONAL INTELLIGENCE TO IMPROVE CUSTOMER SERVICE AND LOYALTY

ETAaaS learns from organization, user, environment and shipment behavior and applies that knowledge to each forecast. Savi's advanced machine learning and artificial intelligence technology has improved their ETA accuracy 37X over traditional methods and reduced the estimation error from 3 days to 30 minutes. Forecast accuracy continues to increase as more historical and real-time information is acquired by the machine learning system.

ETAaaS enables organizations to reduce out-of-stocks, optimizes inventory management, delivers products to customers when promised, and provides timely updates when status changes. Improving customer demand fulfillment through better ETA and supply chain management is an important component of meeting high consumer expectations.

As a result, you will be able to identify key areas to optimize your supply chain and reduce operating costs. For example, you will gain actionable intelligence that will help you make decisions around:

- which types of shipments to expedite,
- which carriers have capacity,
- which ports appear to be congested,
- what shipping routes are best for air, rail, and road, and
- what time is best for clearing customs.

EASILY ACCESS AND SHARE INSIGHTS WITH KEY PERSONNEL

ETA as a Service (ETAaaS) is a cost effective supply chain optimization solution that can be implemented in weeks, unlike other big data analytics solutions which require more than 12 months of customization to solve supply chain challenges.



100% cloud-based solution delivers benefits in just weeks

You can access the SaaS solution anywhere and at any time without purchasing additional software and hardware. You will quickly benefit from accurate ETA estimates that are delivered to your existing systems.

Savi supplies dashboards, scorecards, and analytics that include carrier delivery times, on-time performance, ETA accuracy, and SLA analysis across primary and alternate routes. ETAaaS dramatically improves the accuracy and timeliness of carrier performance evaluations while eliminating manual processes and decreasing costs.



IDENTIFY KEY AREAS FOR OPTIMIZATION AND COST REDUCTION



shipments to expedite



carrier capacity



congested ports



best shipping routes for air, rail, and road



customs clearing

Savi Solutions

PURPOSE-BUILT SaaS OFFERINGS



ETA as a Service

tracks shipment locations in real time to accurately predict arrival of goods. The solution captures and analyzes data from any source to provide in-transit inventory visibility. The service provides ETA information and operational intelligence enabling you to accurately plan for and respond to supply chain challenges and disruptions.

APPLICATIONS

VISIBILITY



Savi Tracking

is an advanced SaaS solution that identifies and monitors the location and status of assets in motion. Specialized software and tamper-proof sensors secure and monitor all cargo types to improve performance and reduce risk.

ANALYTICS



Savi Insight

is a complete SaaS transportation analytics solution that captures data from all sources, correlates multiple variables (location, time, temperature, etc.) and applies logic that turns data into actionable information.

TECHNOLOGY CORE



Hybrid Lambda Architecture

securely integrates all real-time, transactional, and historical data from any source at a massive scale, then applies specialized transportation algorithms and machine learning to generate accurate ETA forecasts.

Learn more about how Savi ETAaaS can help your organization take back control of your supply chain.

If you'd like to know more about the full range of Savi's solutions, please email us at info@savi.com or visit www.savi.com.

About Savi

Leveraging 25 years of leadership in sensor technology, Savi is pioneering sensor analytics solutions that create operational intelligence from the Internet of Things. Applying big data technologies to machine-generated data, Savi solutions are trusted to run the world's largest and most complex asset tracking and monitoring network, serving the U.S. DoD, Allied military and more than 1,000 commercial companies around the world. For more information about Savi visit www.savi.com.

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