



# Savi Insight<sup>™</sup>

Turn big data into actionable information and unlock the competitive potential of machine-generated data from the Internet of Things (IoT).

## Predictive and Prescriptive Analytics to Optimize Your Supply Chain and Reduce Risk

Modern supply chains cannot function efficiently with EDI's data gaps and human errors—live streaming, objective data is essential.

Savi Insight turns volumes of data into actionable predictive and prescriptive analytics to forecast future outcomes, prevent operational disruptions, and improve supply chain performance.

#### CLOUD ANALYTICS PLATFORM DESIGNED FOR MASSIVE SCALABILITY

Savi Insight is a comprehensive SaaS analytics solution that captures data from IoT and other sources, correlates multiple variables (time, temperature, location, shock, ELD rest requirements etc.) and applies logic to turn data into actionable information.

Our data-processing architecture is designed to handle enormous quantities of data. Savi Insight rapidly integrates data of any kind, from any source, at massive scale. Savi's platform ingests streams of live data and uses real-time and historical data to predict precise ETAs, determining which routes pose the highest risks, and other operational questions supply chain managers face each day.

#### **Analytics Solutions**

**Descriptive Analytics** 

Identify KPIs. See where you are and have been.

#### **Predictive Analytics**

Shows where KPIs are headed. Helps spot opportunities and avoid problems.

#### **Prescriptive Analytics**

Show where your KPIs should be and how you can get there.



Savi's advanced cloud-based analytics are available on any device, from desktop to mobile. Rich visualization views show managers the relationship between KPIs.

# Savi Insight is designed to solve risk and performance challenges across many industries and use cases.

CONS	SUMER PACKAGED GOODS	• Plan smarter with accurate estimated
	Improve customer service and brand fulfillment with full knowledge of everything going on with moving inventory. Combining real-time data for in-transit cargo with historical and third-party data allows CPG companies to better predict transit times and plan shipments for on-time arrival.	<ul> <li>time of arrival (ETA) information</li> <li><i>Identify</i> high-risk locations</li> <li><i>Classify</i> carriers by timeliness and quality of deliveries</li> </ul>
PHARMACEUTICAL		• Pinpoint weak spots in the cold chain
Ð	Improving quality by monitoring current and historical temperature changes and their locations can lead to an understanding of weak spots in packaging and transportation. Identifying trends based on geography or carrier or seasonality can help in preserving product integrity and quality and reducing the costs asso- ciated with CAPA.	<ul> <li>Avoid high-risk locations</li> <li>Understand where packaging was ineffective</li> </ul>
FOOD, BEVERAGE, TOBACCO		• Avoid high-risk lanes
	The risk of theft for alcohol and tobacco is high due to demand from black markets and delivery to high-risk locations. Alcohol and tobacco are also susceptible to damage from temperature, humidity, light, and the mechanical influences of pressure and impact, which can physically damage tobacco leaves or break alcohol containers. Protecting these shipments requires tamper sensing, condition status, and real-time visibility.	<ul> <li><i>Reduce</i> loss due to damaged goods</li> <li><i>Optimize</i> delivery times</li> </ul>
HIGH-VALUE CARGO		• Avoid high-risk locations
\$	Mitigate the risk of loss or damage to high-value cargo with real-time visibility of remote assets and proactive identification of high-risk locations. A measurable reduction in loss and theft can serve as evidence for decreasing insurance costs. Maximize on time delivery of time-sensitive cargo along multi-modal transit lanes.	<ul> <li>Grade carriers based on Key Risk Indicators</li> <li>Identify trends for damage of goods</li> </ul>
CONTAINER LEASING		• Discover trends related to lost
	Maximize your inventory by monitoring global assets in motion. From dry-freight containers, to tankers, to reusable plastic containers, Savi helps leasing companies understand current locations and historical use patterns. Visibility into where containers are today and predicting where they will be geographically distributed tomorrow allows companies to easily and efficiently meet emerging demand.	or damaged containers • <i>Optimize</i> container locations based on demand • <i>Rank</i> customers by financial impact
THIRD-PARTY LOGISTICS		• Improve delivery performance
7	Optimize supply chain transit lanes and shipping partners based on key performance indicators derived from historical performance. Use data gathered over time to make evidence-based cases for change to internal processes and external partners.	<ul> <li><i>Determine</i> high-risk locations</li> <li><i>Rank</i> partners by timeliness and quality</li> </ul>

### **ABOUT SAVI**

Savi delivers live streaming facts and insights about the location, condition, and security of in-transit goods. Using big data analytics, Savi equips shippers, carriers, 3PLs, and governments to optimize supply chain logistics before, during and after transit, reducing costs and inventory while improving service. Savi is trusted to run the world's largest and most complex asset tracking and monitoring network serving the US DoD, Allied military and more than 1000 commercial companies around the globe.



## For more information visit savi.com.