How Can I Improve **Cross-Border Shipping Visibility?**

Use IoT sensors to eliminate cargo disruptions in your supply chain.



SENSITECH
United Technologies
SUPPLY CHAIN VISIBILITY



Any Time, Any Where Real-Time Global IoT Data

Manufacturers around the globe are taking advantage of the Internet of Things (IoT) to create smart factory floors. Now they can use it to improve their entire supply chain and eliminate costly disruptions. According to an article in *Supply Chain Dive,* **"IoT is likely to provide the next generation of track-and-trace: faster, more accurate and predictive and more secure."**





Make Your Supply Chain **Smarter...**

IoT-based cargo tracking sensors can make your supply chain smarter by providing the comprehensive cargo visibility that is often unavailable today. They can deliver, as the above article indicates, "item-level condition monitoring, ensuring that goods arrive in time, at the right place and intact."

This is particularly helpful with cross-border logistics, as these devices—with the real-time in-transit data they generate—can give companies the power to overcome some of their biggest international shipping challenges.

Here's a quick look at the top seven cross-border issues and how an innovative real-time IoT sensor program can help solve them.

1 Lack of insights and visibility

Many cargo tracking devices are associated with the shipping conveyance, rather than with tracking the cargo itself. Oftentimes, with cross-border shipments, there will be multiple carriers that don't share or communicate in-transit data effectively. With IoT-based cargo tracking sensors that travel right with your cargo, you can always know where your shipments are, regardless of whom or where your carriers are. This level of visibility can be of great value when there is extended dwell time at borders that could delay time-sensitive shipments.

2 Intelligence after the fact

Without the ability to get real-time data, companies are left uncertain regarding where their cargo is and when it will be delivered. This is challenging when crossing borders, as delays can't be managed properly if they are not discovered early. With real-time intelligence, you can get all the up-to-the-moment location data you need to track your shipments, along with other critical information, such as data on temperature excursions or extended dwell time. With a holistic view that can include weather, traffic, driver communications and insights into security hot spots on your cargo's route, you'll always be on top of your shipment's status.

3 Disparate data and systems

Companies often make big investments in transportation management, enterprise resource planning, warehouse management and other supply chain management systems. But, as you ship your cargo across global borders, it can be difficult to properly update these systems with timely information. By integrating real-time IOT sensor data with your existing systems, you can fully leverage their functionality to optimize and automate your supply chain.

4 Lack of control

Having all of this in-transit information at your fingertips can help you manage delays and schedule changes so that you can optimize your manufacturing operations. This is important for order management and logistics teams that need an update on your cargo's status right now. With IoT-based sensors, you can get automated alerts that allow for fast, cost-efficient and intelligent decision making.

5 No ability to assess risk

The data you need today to manage your supply chain goes beyond just visibility. You need to gain critical transparency context on what's working—and what's not—to identify vulnerable areas of risk. By capturing supply chain metrics, such as carrier performance, you can find the root causes of shipping delays, interruptions and other performance issues so that you can work closely with your supply chain partners to remediate issues quickly and efficiently.

6 Long program development

With some real-time sensing programs, it may be weeks or months for the devices to be configured, set up and delivered to you. That can make long shipping schedules even longer. Pre-configured sensors customized to your requirements can help save you time and money. These efficient devices can often be shipped to you overnight, applied just like a shipping label in the packaging process and activated immediately to start real-time tracking from that moment on.

7 Lack of support around the world

If you are a global company, then you need worldwide support for your supply chain partners no matter where your products are shipped and delivered. This is key as shipments cross borders and involve multiple logistics partners and carriers. With the right data, technology and local support, you can get a consolidated, comprehensive picture of your global supply chain, ensuring a smooth flow of goods across multiple partners and regions.

Know where your cargo is at any given moment.

In today's world, knowing the status of your cargo is critical. And with Sensitech's proven logistics expertise, global reach and advanced real-time sensor technology, we can help you tackle your on-time cargo delivery challenges, especially as you ship across borders.

Our services and products provide the real-time visibility you need to manage shipments in transit and drive operational improvements. We can provide you with:

- End-to-end visibility
- Real-time intelligence
- Comprehensive system integration
- Proactive control
- Transparent context
- Quick program implementation
- Global support

Contact us **+1 512-279-3359** or **securelpm@sensitech.com** to find out how we can help you eliminate the complexity of in-transit cargo tracking through real-time visibility for every step in your supply chain.

About Sensitech

Sensitech Inc. is a global leader in delivering supply chain visibility solutions. Our innovative monitoring products and services help to maintain the quality, integrity and security of our customers' valuable products at every step in their journey, all around the world. For more than 25 years, leading companies in the food, pharmaceutical, industrial, consumer goods and other industries have relied on Sensitech to help protect their products—and their bottom lines.



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