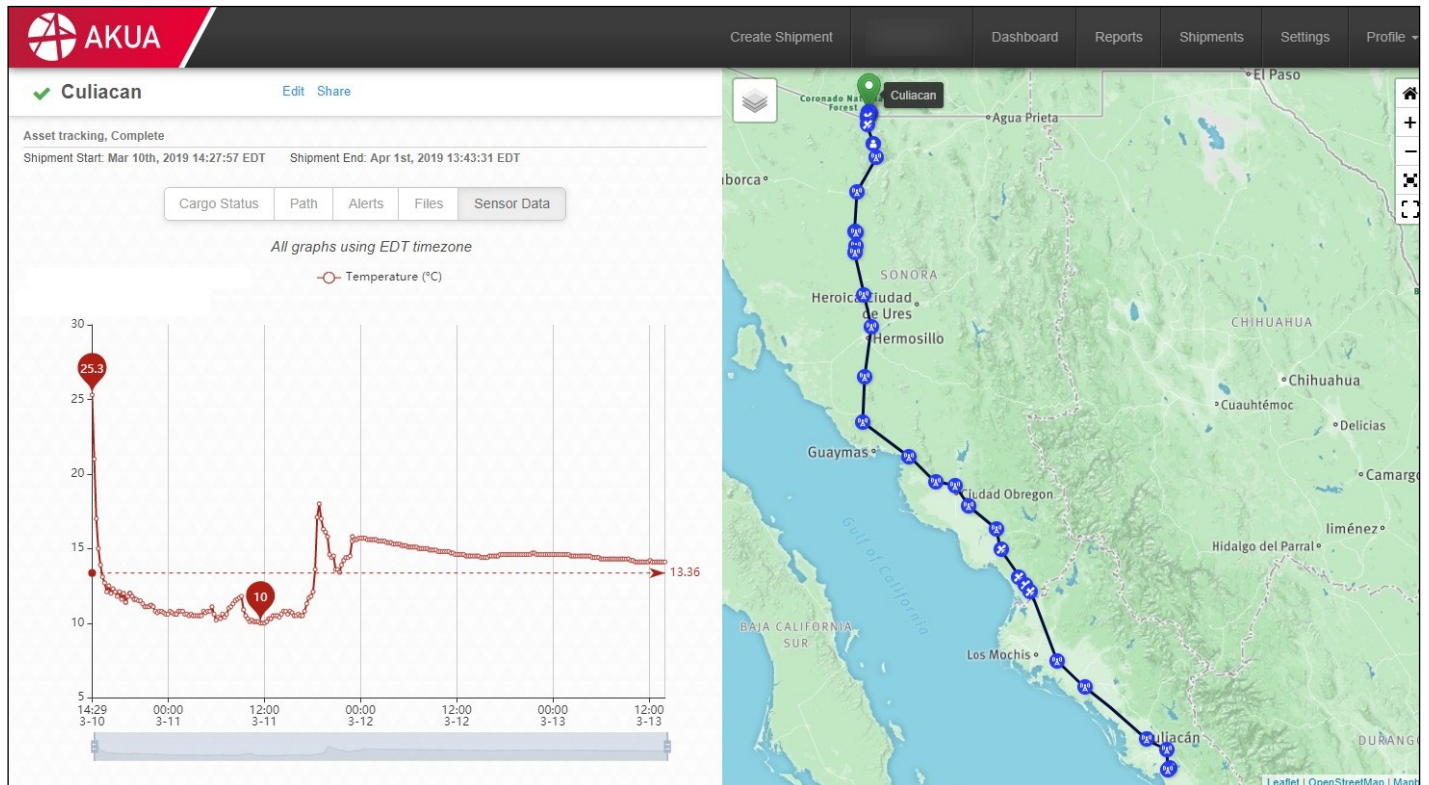


## Global Supply Chain Monitoring and Visibility



The next generation of supply chain cargo visibility and environmental tracking is here in the AKUA Covert Tracking Unit (CTU). The CTU tracks location and temperature in real-time in an all-in-one, easy to use, innovative and cost-effective gateway device. The CTU uses GPS and 4G cellular networks to provide real time tracking and temperature monitoring of shipments. It provides remote users with long-distance data on a shipment's whereabouts and condition during transit as well as information on the integrity of the shipment itself. Although the CTU includes a temperature sensor, it is also designed to communicate with additional sensors that are placed with the cargo.

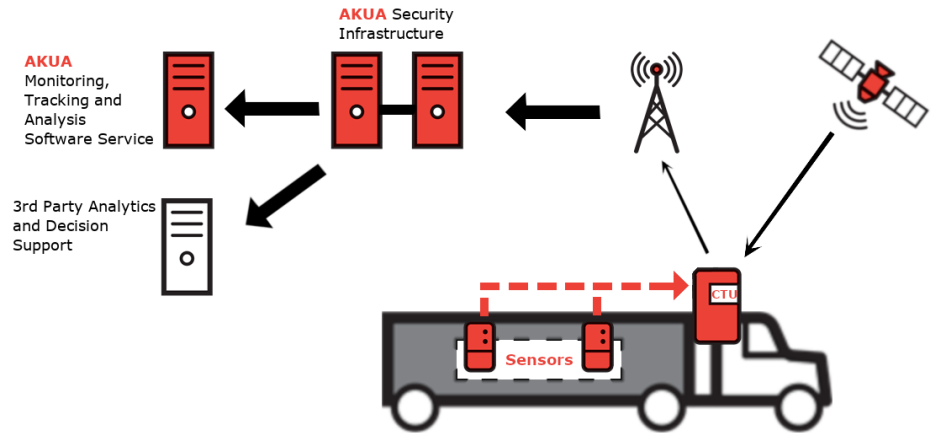
The CTU utilizes the 4G cellular data networks to provide regular information updates on the shipment's time-stamped GPS position and sensor status to the AKUATrack platform for monitoring, tracking and alerting or the user's proprietary application. Location and sensor events are reported immediately enabling the end user to respond to issues while in progress. Analysis of the position data can alert the user to route deviations and delivery delays. With its embedded environmental sensor, the shipment's temperature data is tracked and generates alerts at user-defined thresholds allowing for corrective actions and creation of a record of the cargo state throughout the journey.



- All-in-one location tracking and temperature sensor
- Serves as a communication gateway device for additional sensor devices
- Lightweight at 1.18 lbs.
- Reusable and rechargeable
- FCC and CE certified
- IP67 rated
- Rugged construction for intermodal shipping environment
- Secure communications to the cargo owner
- Easy to configure, maintain, and use
- Efficient, time saving operation
- Communicates shipment status immediately to the end user
- Simple operational design—minimum training required

### How the CTU Works to Provide Real-time Monitoring of Your Cargo Shipments:

The AKUA CTU is placed on the inside of the container or with the cargo. The CTU gathers and communicates GPS location and environmental data. Cargo data from the CTU is then transmitted through the 4G/3G cellular data networks to the AKUA security infrastructure and then to the AKUATrack or the user's proprietary application.



### AKUA CTU Specifications

Model Numbers	RS-SLM-324C	Radio Frequency Cable Security Seal
<b>Physical</b>	L x W x D	240mm x 120mm x 57mm
	Weight per set	1215g
	Color	Blue, Black
<b>Environmental</b>	Operating Temperature	-30C to 70C
	Storage Temperature	-40C to 80C
	Humidity	95% noncondensing
	Vibrations and Shock	MIL-STD-810-G
	Weatherproofing	IP67
<b>Wireless</b>	Frequency	ISM 2.4GHz QFSK modulation
	Active Transmission Power	<18dBm (~100mW)
	Range	200m L.O.S
	Protocol	Proprietary
<b>GPRS</b>	Bands	LTE Cat M1/Cat NB1 & 2G Fallback
	Cat M1/Cat NB1 (NB-IoT)	LTE FDD: LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28
	EGPRS	850/900/1800/1900MHz
	SIM	Dual-SIMs maximizing global coverage
<b>GPS</b>	GPS Sensitivity	-162dBm to -165dBm
	Position Accuracy	Autonomous 3m
	Acquisition Time (Hot Start)	1s
	Maximum Velocity	,515 m/s
	Speed Accuracy	.1 m/s
	Antenna	Built-in active antenna
<b>Electrical</b>	Battery	Rechargeable, 10,500 mAh Lithium Ion



Learn more at [akua-inc.com](http://akua-inc.com)