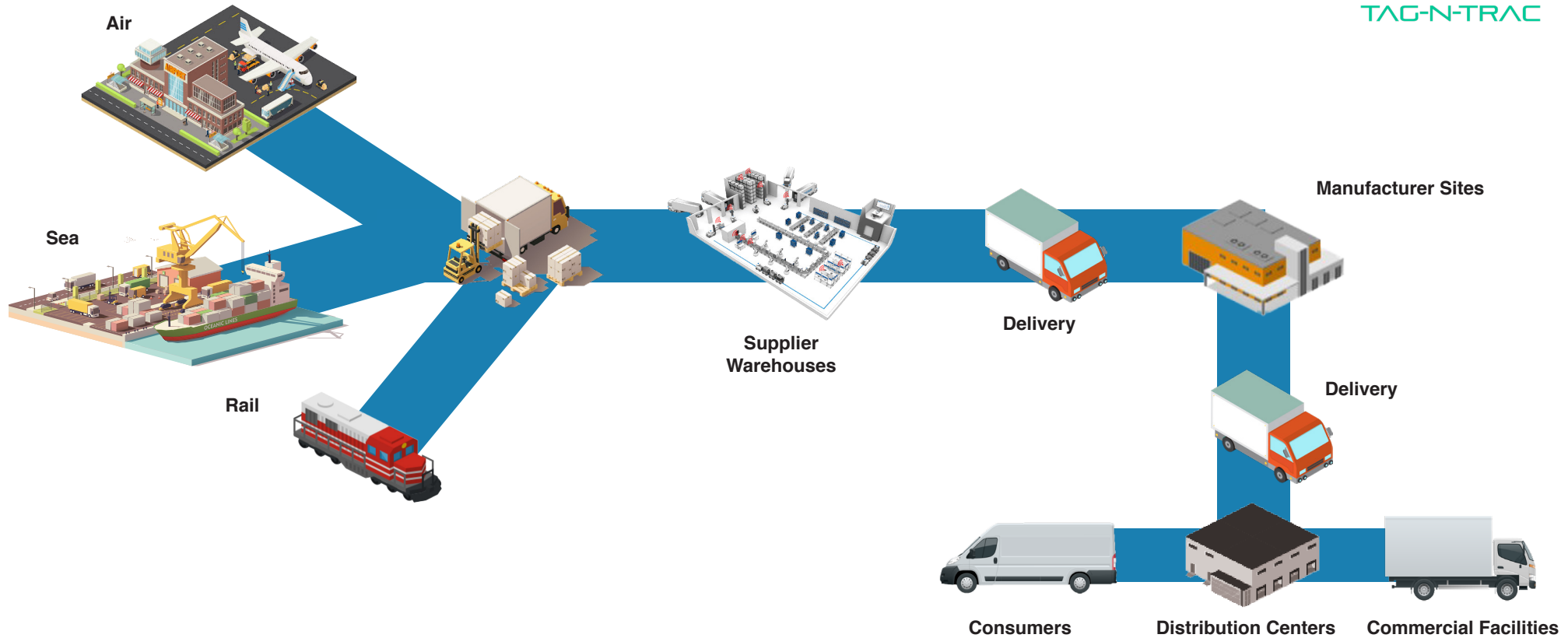




Continuous Monitoring as a ServiceSM

- Proprietary, Patent Approved & Pending Cellular, Bluetooth & RFID Solutions
- Intuitive Visibility & Traceability RELATIVITY™ Platform
- Flexible & Scalable Data Acquisition with Actionable Analytics

Global/Regional Logistics



Key Benefits

- Unlock operational efficiencies through continuous item-level supply chain visibility & traceability.
- Drive better decision-making using predictive insights.
- Ensure product quality by minimizing degradation issues due to delayed shipments, mishandling and temperature excursions.
- Enhance traceability by mating device sensor IDs with GS1 serialization & aggregation codes.
- Streamline regulatory compliance via cloud-based recordkeeping & storage.
- Proactive communications to key supply chain stakeholders on any temperature excursions, shipping delays, or lost/damaged products.

Key Industry Statistics

- Supply chain visibility is among the top strategic priorities of companies worldwide
- 62% of companies have limited visibility of their supply chain and 15% only have visibility on production
- 74% of supply chain companies utilize 4 or 5 transportation methods
- > \$100 billion of goods are mishandled or damaged
- \$12 - \$15 billion of goods are lost or stolen each year
- 1,382 containers, on average, are lost at sea each year

Sources: GEODIS, Inbound Logistics and World Shipping Council

Sea

Our products provide continuous visibility and traceability during sea travel, port operations, and land transport resulting in improved efficiency, better security, and reduced costs.

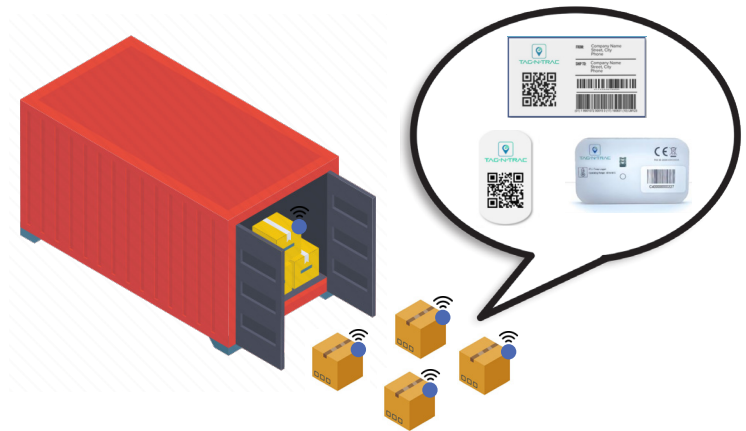
1

Our Asset Tags and Trackers are attached to containers, using our custom-designed brackets, being loaded onto ships at the port.



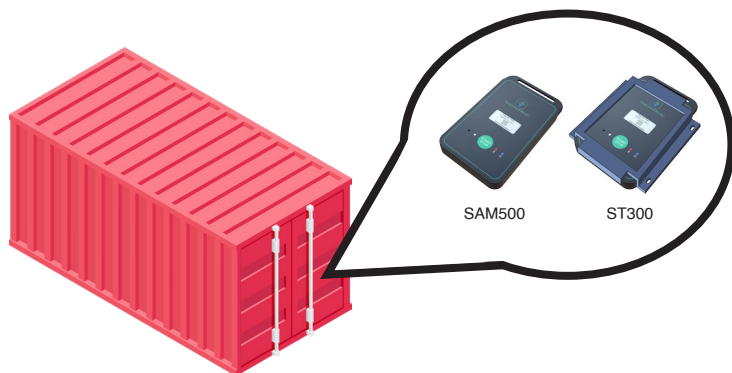
3

If more granular monitoring is desired, Bluetooth Smart Labels, Asset Tags or Temperature Loggers monitor assets from the pallet-to-item level. Data from these devices is uploaded to SAM500s or ST300s attached to containers.



2

We offer two container tracking options: the SAM500 and ST300. The SAM500 is designed for reusable container tracking with up to 10 years of battery life, while the ST300 offers real-time visibility and more frequent tracking intervals per shipment.



Key Benefits

- **Increased visibility:** shipping companies and their customers can have visibility into the location and movement of shipments, reducing the risk of delays, losses, or theft.
- **Improved efficiency:** shipping companies can optimize their routes, reduce transit times, and increase the automation of inbound/outbound warehouse operations.
- **Better security:** provide an extra layer of security for shipments, allowing companies to locate and recover lost or stolen goods.
- **Reduced costs:** By streamlining operations and reducing the risk of losses, shipping companies reduce costs and improve profitability.

Air

Eliminate supply chain blind spots by using our airline approved Asset Tags and Smart Labels during air travel and cargo transport.

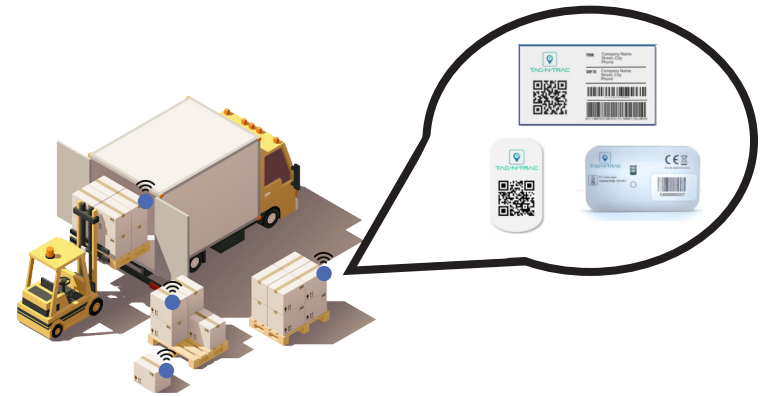


1 Our products, combined with our RELATIVITY™ platform, provide continuous visibility and traceability of cargo during air travel as well as track cargo and equipment at the airport.



Airline Approvals
We have approvals from 23 airlines and cargo providers... with more being added each month.

4 Smart Labels, Asset Tags and Temperature Loggers monitor shipments being transported from airports to warehouses, cold storage facilities, or distribution centers to eliminate any tracking blind spots.



2 ST300 Asset Tags are attached to containers to track cargo during flight and while being loaded or unloaded...



ST300



3 ...and can also be used to help maintenance and operations personnel quickly locate Engine Stands and other key equipment.

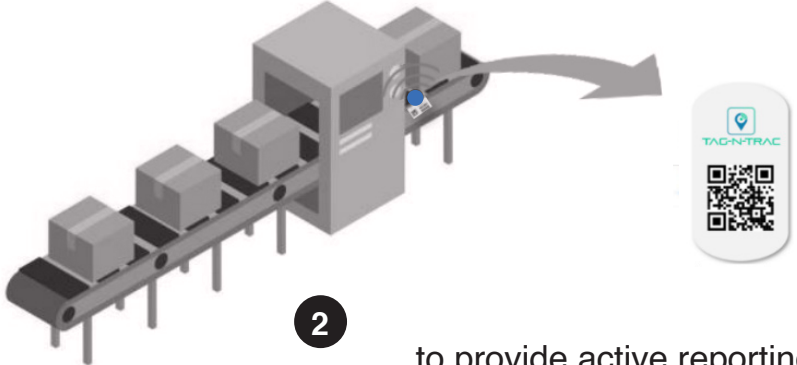
Key Benefits

- **Increased efficiency:** With better tracking information, airlines and logistics companies can optimize their processes, reduce delays and minimize the risk of lost or damaged shipments.
- **Enhanced security:** The tracking of cargo shipments provides a secure and tamper-proof record of the movement of goods, helping to prevent theft or fraud.
- **Better compliance:** By tracking cargo shipments, airlines and logistics companies can ensure compliance with regulations such as customs requirements and security protocols.

Warehouse and Distribution Centers

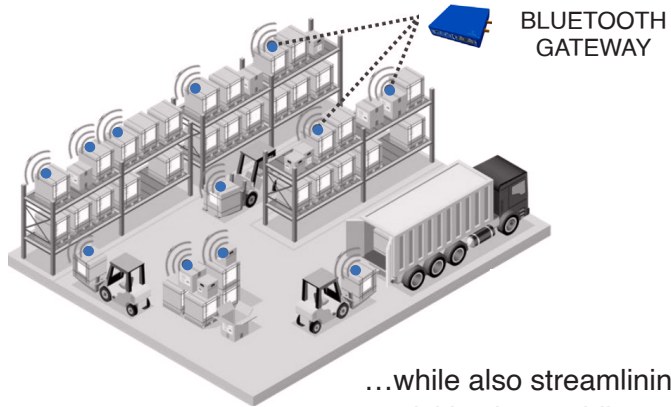
Our Asset Tags and Smart Labels, paired with gateways, unlock continuous inventory tracking & monitoring to maximize productivity and streamline your warehouse operations.

1 FlexDot™ Tags and Smart BLE Labels are affixed to individual packages...



2 ...to provide active reporting at a range of 60m (200') from Bluetooth Gateways and WiFi access points.

3 FlexDot™ Tags and Smart BLE Labels, coupled with Bluetooth Gateways, expedite inventory stock checks by eliminating the need to manually scan packages...



...while also streamlining shipping activities by enabling warehouse teams to easily identify the specific location of packages.

Key Benefits

- Increase operational efficiencies with faster inventory counts and shipping cycles
- Enhances planning accuracy
- Improves traceability by identifying dates processed & shipped and prior warehouse location of all packages by zone

Bluetooth Solution Overview



Delivery

Tag-N-Trac's products provide pallet-to-item level visibility and traceability for products during transit, transfers between vehicles, and customer deliveries, optimizing supply chain efficiency while minimizing risk.



Trailer Monitoring

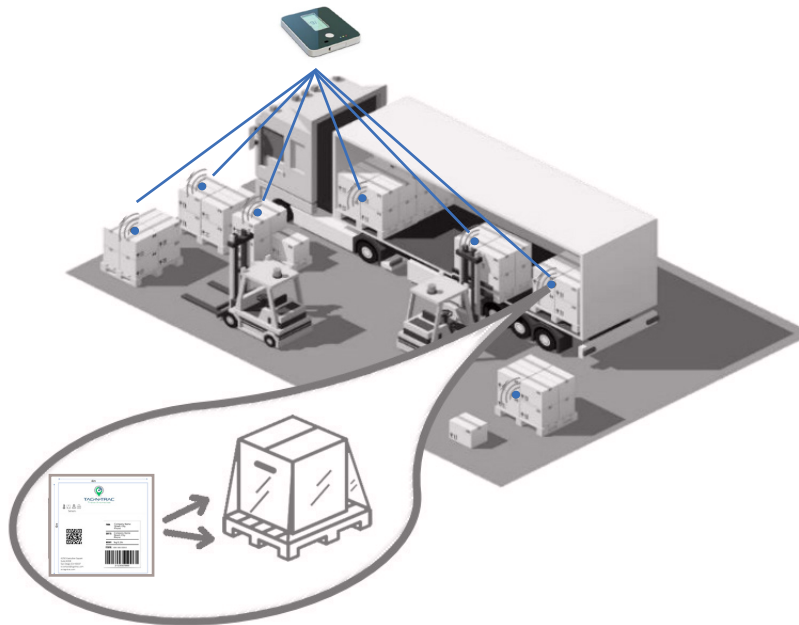
Bluetooth 5.1 provides range throughout the trailer to provide continuous data on temperature, pressure, shock and motion.

Cloud Access

ST300 operates as a gateway to provide the mobile data uplink from Smart Labels, Tags and Loggers within a truckload.

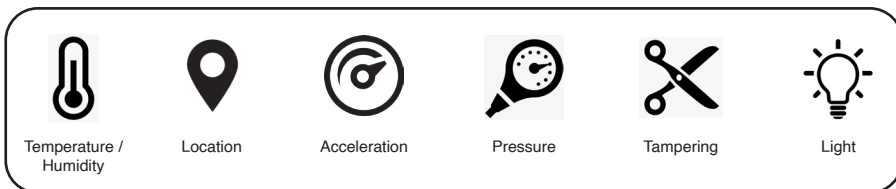
Packaging Monitoring

Smart Labels, Tags, and Loggers, affixed to packages/products, provide continuous location tracking and temperature monitoring especially when products are moved between transport modes, are on boarding docks, or are being delivered to customer locations.



Key Benefits

- **Increased visibility:** tracking spans from the pallet-to-item level during transit.
- **Improved OTIF (On-Time, In-Full) and Must Arrive by Dates (MABDs):** continuous monitoring of location, temperature, and other critical sensor data to meet customer delivery requirements and to drive operational efficiency gains.
- **Proactive communications:** quickly notify customers of any temperature excursions or shipping delays.
- **Better compliance:** maintain compliance via cloud-based recordkeeping & storage
- **Actionable Insights:** shipment performance insights and benchmarking



Loss Prevention



Tag-N-Trac's solutions aid your loss prevention efforts by providing continuous pallet-to-item level tracking with alerts to notify your team if products are lost, removed or tampered with during transit and storage.

Cargo losses continue to be a significant and growing global logistics issue with \$12 - \$15 billion of goods being lost or stolen each year. In the North American Transportation sector alone, losses increased 20% YoY to \$223 million in 2022 based on a recent CargoNet study.



Our solutions help logistics companies and their customers with Loss Prevention by:

- Enabling continuous tracking from pallet-to-item level.
- Identifying any inventory discrepancies when transporting goods between destination points.
- Providing alerts if goods exit a geofence at a warehouse or distribution center after normal business hours.
- Sending alerts in the event the tracker is removed or tampered with during transit or storage.

CargoNet's 2022 Supply Chain Risk Trends

1,778

Theft Incidents Reported

Top Targeted Location Type



1. Warehouse / Distribution Centers



2. Parking Lots

Top Targeted Commodity Type



1. Household Goods



2. Electronics



3. F&B Commodities

Total Loss Value:

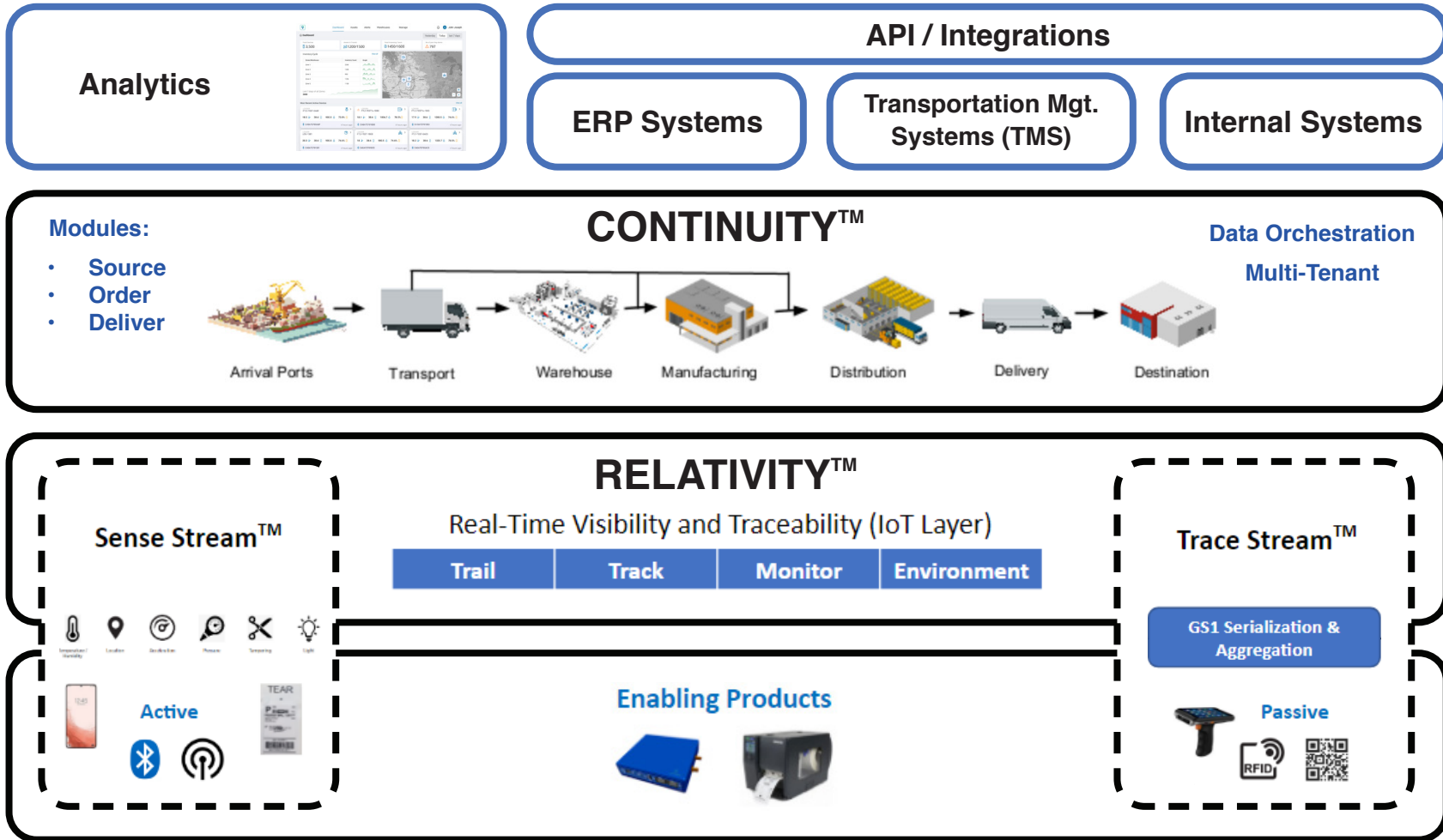
\$223,096,368

RELATIVITY™ Platform



Supply chain visibility & traceability combined with operational execution into a single platform.

The RELATIVITY™ platform provides continuous visibility & traceability to deliver the business intelligence required to optimize your supply chain, quickly respond to temperature excursions or shipping delays, and streamline regulatory compliance. We provide REST APIs and webhooks for seamless integration into internal and external (TMS, ERP) systems.

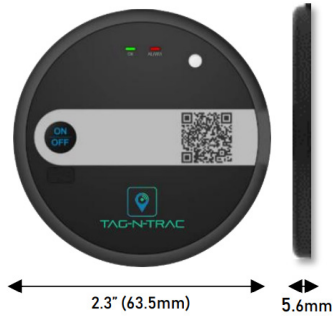


Product Suite

Tags, Loggers & Trackers

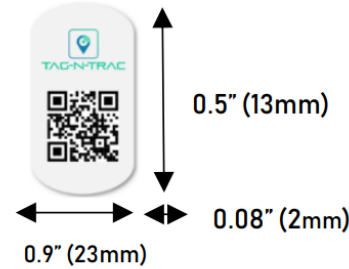


ASSET TAG (ST100) PUCK



Enclosure	Impact-resistant materials, IP65
Connectivity	Cellular (LTE Cat-M1, NB-IoT)
Sensor Data	Temperature, Pressure, Shock, Light, Humidity & Motion
Port	USB Micro-B
Battery Life	Up to 1 month (30-minute scans with 2-hour reporting)
Battery Weight	1 oz. (22g)

FLEXDOT™ ASSET TAG (FAT100)



Enclosure	Proprietary impact-resistant materials, IP65
Connectivity	BLE (Bluetooth 5.1)
Sensor Data	Temperature
Battery Life	Up to 36 months (30-second scans)

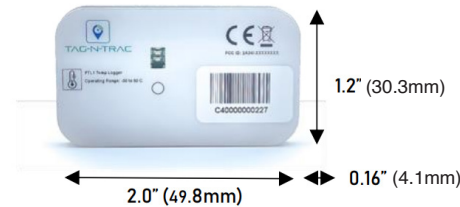
Reusable via Adhesive Pouches

ASSET TAG (SAM500)



Enclosure	IP68 Rugged
Connectivity	Cellular (LTE Cat-M1, NB-IoT) with 2G fallback
Sensor Data	Temperature, Light, Humidity & Motion
Battery Life	5- to 10-years depending on scanning frequency

FLEXDOT™ TEMPERATURE LOGGER (FTL1)



Connectivity	BLE (Bluetooth 5.1)
Sensor Data	Temperature, Humidity; Up to 8,000 recordings
Temperature Ranges	Operating: -30° C to 60° C; ±0.3° C (max) Storage: -40° C to 125° C
Battery Life	Up to 12 months (30-second scans)
Traceability	NIST Traceable

TRACKER (ST300)



Enclosure	IP65
Connectivity	Cellular (LTE Cat-M1, NB-IoT) with 2G fallback
Sensor Data	Temperature, Light, Humidity & Motion
Battery Life	Rechargeable; up to 4 weeks (15-minute scans with hourly reporting)

ASSET TAG (SMM300) CANDYBAR



Enclosure	Impact-resistant materials, IP65
Connectivity	Cellular (LTE Cat-M1, NB-IoT)
Sensor Data	Temperature, Pressure, Shock, Light, Humidity & Motion
Port	USB Micro-B
Battery Life	Up to 3 months (30-minute scans with 2-hour reporting)

Product Suite

Labels: Cellular, Bluetooth, & RFID

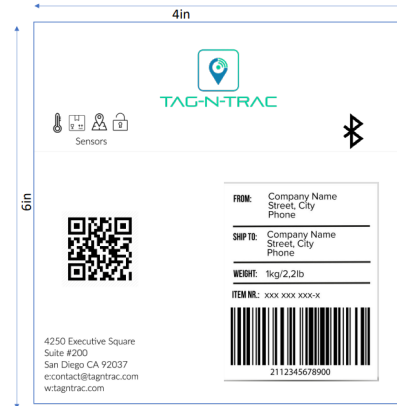


SMART LABEL: CELLULAR (SL100)



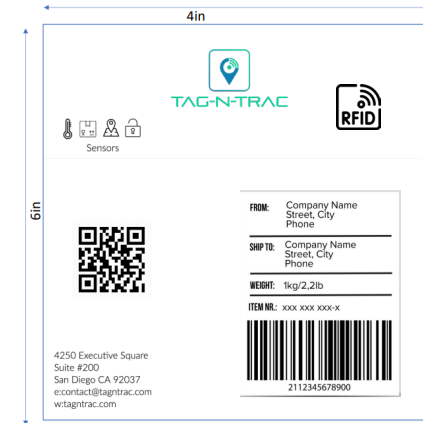
Enclosure	Proprietary, impact-resistant materials, IP65
Connectivity	Cellular (LTE Cat-M1, NB-IoT)
Sensor Data	Temperature, Pressure, Shock, & Motion
Battery Life	Up to 6 months (2-hour scans with 2-hour reporting)

FLEX LABEL: BLE (FLS-006)



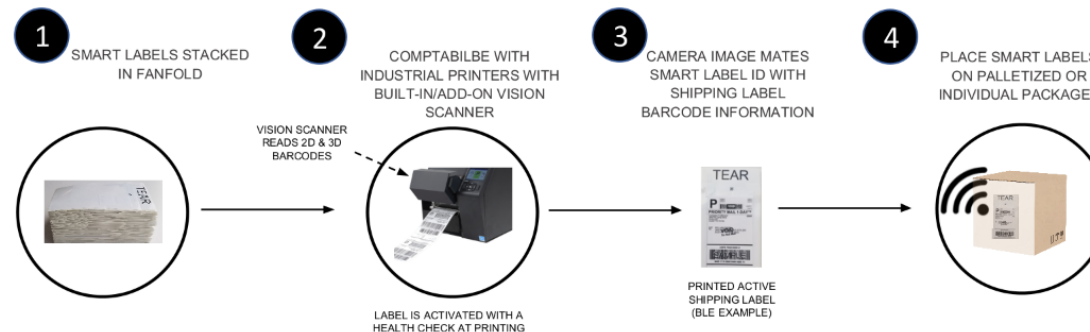
Enclosure	Proprietary, impact-resistant materials, IP65
Connectivity	Cellular (LTE Cat-M1, NB-IoT)
Sensor Data	Temperature
Battery Life	Up to 6 months (30-second scans)

DUAL RFID LABEL



Enclosure	Proprietary, impact-resistant materials, IP65
Connectivity	RFID, NFC
Sensor Data	Temperature; Up to 20,000 recordings
Battery Life	Up to 6 months (2-hour scans with 2-hour reporting)

Smart Labels: Printing to Package Process





TAG-N-TRAC

Proprietary Technology with Industry-Leading Total Cost of Ownership (TCO)
Intuitive Visibility & Traceability RELATIVITY Platform
Data Acquisition + Analytics

Tag-N-Trac industry partners:



Available on
SAP Store



Meraki



Tag-N-Trac leading industry recognition:



To learn more about our solutions please visit our website, contact us by email or phone using the information below:



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