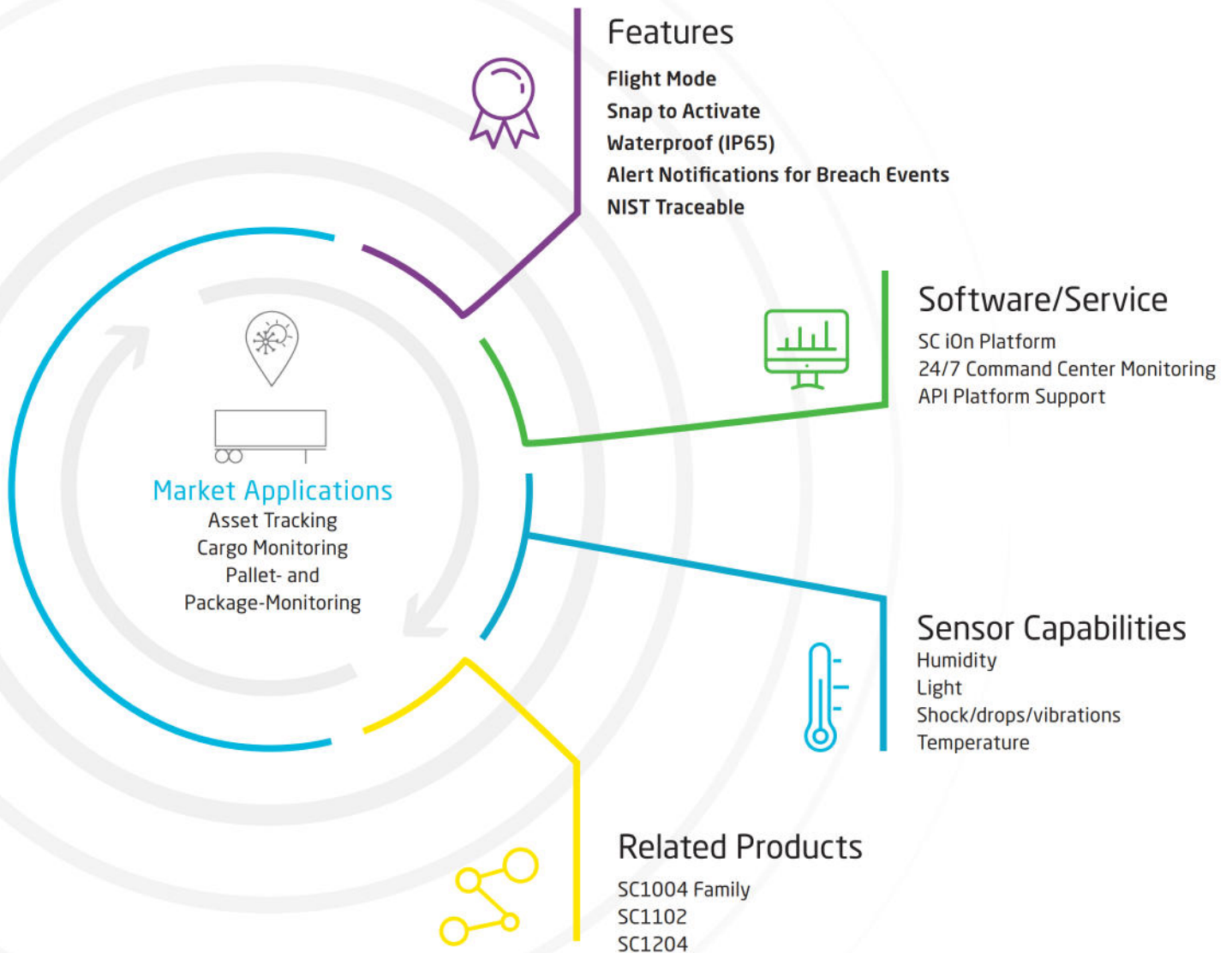# SC iOn Tag

Economical, Smart Sensor Tag for Logging Data on Environmental Conditions and Location

The SC iOn Tag logs and broadcasts shipment and asset information including proximity location and sensor values. The SC iOn Tags transmit via proprietary Bluetooth LE protocol through CalAmp enabled telematics devices. It is ideal for managing quality and compliance across all modes - over the road, in flight or at sea.

Features
Flight Mode
Snap to Activate
Waterproof (IP65)
Alert Notifications for Breach Events
NIST Traceable

Software/Service
SC iOn Platform
24/7 Command Center Monitoring
API Platform Support

Market Applications
Asset Tracking
Cargo Monitoring
Pallet- and
Package-Monitoring

Sensor Capabilities
Humidity
Light
Shock/drops/vibrations
Temperature

Related Products
SC1004 Family
SC1102
SC1204

Cal/Amp®

SC iOn Tag Technical Specifications

Communication

Bluetooth	Requires secure communication with iOn Gateway
	250 ft (80 meters) line of sight

Certifications

Industry Certifications	FAA Compliant, FCC, CE, NIST

Power

Battery Type	Lithium Primary Coin Cell (non-replaceable)
Operating Parameters	Activated upon breaking off tab
	Max Output Power is Less than 100mW EIRP

SKUS

PTAG04	Proximity, Battery life 24 months (typical)
STAG04HT	Proximity, Temperature, Humidity, Battery Life 9 months (Battery life is subject to use case)

Environmental

Temperature	-20 C to 60° C (operating)
	-30 C to 60° C (storage)
Shock and Vibration	Resistant

Physical/Design

Dimensions	1.33" x 2.85" x .19" (33.8 mm x 72 mm x 4.7 mm)

Sensors*

Proximity	
Temperature	NIST Traceable
	Accuracy +/- 0.5C type
	Min/Max Threshold (configurable)
Humidity	Accuracy 4% rH (20% to 80% rH)
Line of Sight	250 ft (80 meters)
Sensor Logging capable	STAG04HT - 50 Days, Temperature & Humidity

* When available per SKU

Product Options

SC iOn Platform
24/7 Command Center Monitoring
API Platform Support