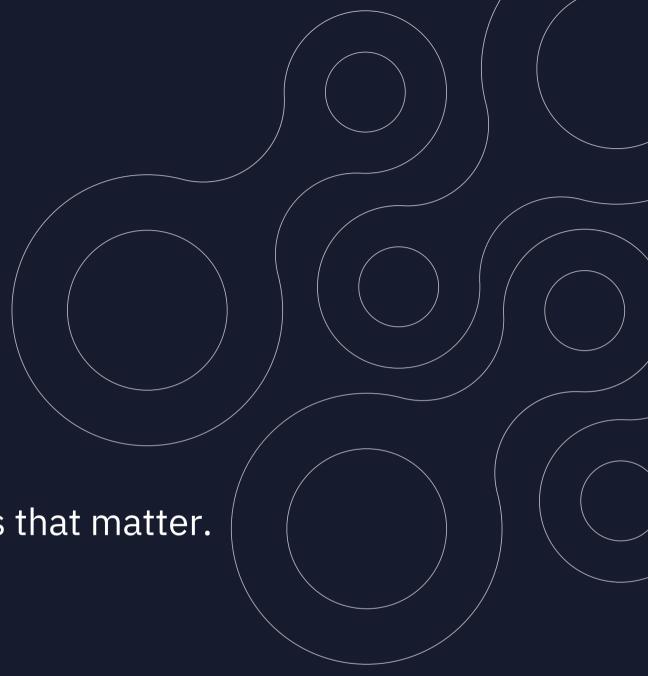


Connect More

Connect, protect, and derive more value from the assets that matter.



The HydroTerra Difference

QUALITY

Matters

'Good Enough' is Not Enough For Your Critical Assets

Details matter. Our entire process is underpinned by a relentless attention to detail to consistently deliver solutions of the highest-possible quality and reliability.

POWER

Matters

The Power to Do More with 'Deploy Once' Battery Life

Through smarter design and better engineering we're now able to achieve 'deploy once' battery life, significantly reducing operating costs and enabling deployments at scale.

FLEXIBILITY

Matters

Demand More From Your Devices

Easily configure your devices with full control over a rich set of device parameters. Send data to any end platform with multiple integration options.

SECURITY

Matters

Authenticated and Encrypted Everywhere

We implement comprehensive security protocols on our hardware and software to protect the integrity and confidentiality of your data.

Any Asset, Anywhere

Connect More with Multiple Location, Power, and Connectivity Solutions



Indoor/Outdoor Location



Wired and Batter y-Powered



GPS, Wi-Fi MAC Address Scanning, Cell Tower Positioning



IoT Data Loggers for Remote Sensor Monitoring



Bluetooth® Gateways with Third-Party Tag and Sensor Integrations



Cellular 4G/5G LTE-M (Cat-M1)/NB-IoT with Network Roaming



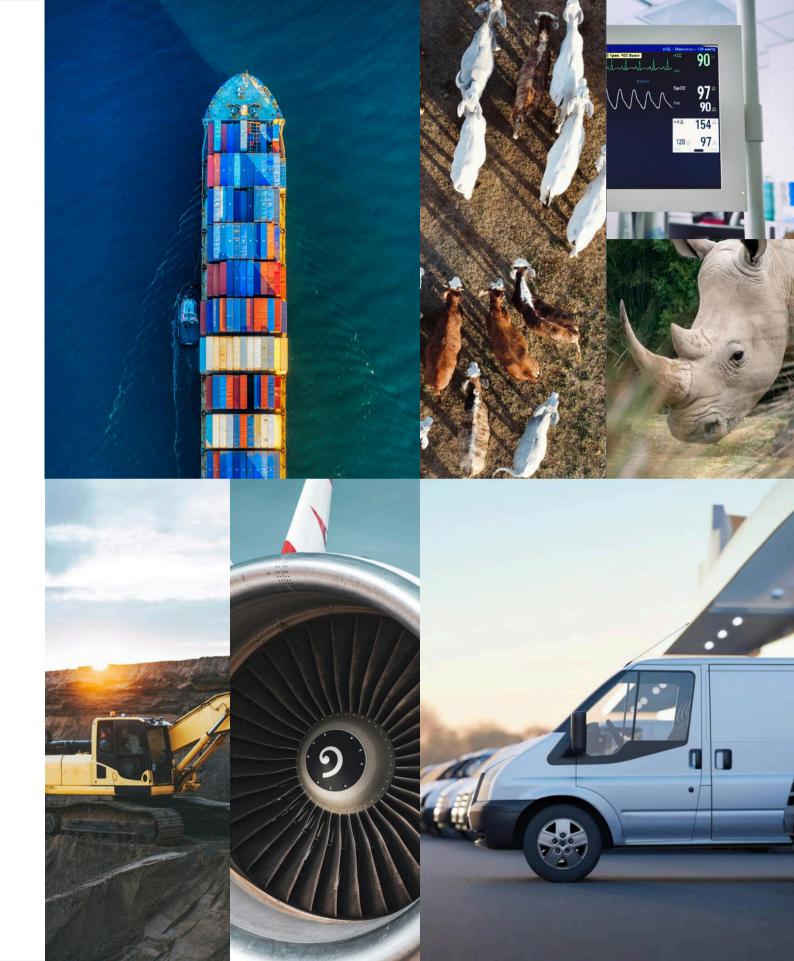
Cellular 4G LTE
Cat 1bis with 2G
Fallback for Global
Roaming



LoRaWAN® 868, 902-928 MHz



Iridium and IoT Satellite





The Power to Do More

Our suppliers are pioneers in battery-powered IoT asset tracking, continuously setting the bar for innovation, battery life, and performance.

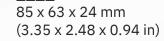
With over years of 'lessons learned,' today we design and manufacture the longest-life battery-powered asset tracking hardware in the world for businesses that demand more from their devices.

- Indoor/Outdoor Location
- Movement Detection
- Theft Recovery
- Bluetooth® Gateways
- Onboard Geofencing
- Impact and Tip Detection
- Rotation Counting
- Run Hour Monitoring
- And More!



Yabby Family

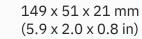
Smallest form factor. Collar housing available for securing devices to animals.





Bara Family

Lowest cost with a thin form factor. Magnetic activation and tamper detection.





Oyster Family

Our most popular device family. Perfect balance between size and battery life.

108 x 86 x 31 mm (4.25 x 3.39 x 1.22 in)



Remora Family

For use cases where extremely long battery life and/or aggressive (second-by-second) tracking performance is required. Magnetic tamper detection.

224 x 91 x 41 mm (8.82 x 3.58 x 1.61 in)

Battery-Powered

Cellular 4G/5G LTE-M (Cat-M1)/NB-IoT











	Bara GPS	Yabby3 GPS	Oyster3 GPS	Oyster3 Bluetooth GPS	Remora3 Bluetooth GPS
Connectivity	LTE-M and NB-IoT				
Environment	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Location Technologies	GNSS Cell Tower Location				
Bluetooth® Gateway	-	-	-	Yes	Yes
Housing Size	149 x 51 x 21 mm (5.9 x 2.0 x 0.8 in)	85 x 63 x 24 mm (3.35 x 2.48 x 0.94")	108 x 86 x 31 mm (4.25 x 3.39 x 1.22")	108 x 86 x 31 mm (4.25 x 3.39 x 1.22")	224 x 91 x 41 mm (8.82 x 3.58 x 1.61")
Magnet	Magnetic Activation and Tamper Detection	-	-	-	Magnetic Tamper Detection
IP Rating	IP68 Rugged Waterproof				
Accelerometer	Movement, Impact, Rotation, and Tip Detection				
Batteries	2 x AA Lithium	3 x AAA Lithium	3 x AA Lithium or LTC	3 x AA Lithium	2 x D LTC
Battery Life Estimates*					
Once Daily Location Updates	8 years	10 years	10 years	10 years	20 years
Movement-Based Location Updates**	3 years	2 years	6 years	6 years	10 years
Hourly Location Updates	1.5 years	1.5 years	3.5 years	3.5 years	10 years

^{*}Battery life estimates are influenced by several factors including temperature, installation and orientation of the device, battery selection, the frequency of location updates, network coverage, sensor integrations, peripherals, accelerometer settings, and more.

^{**}Movement-based estimates are based on 2 hours of movement, occurring 5 days a week, with default tracking parameters (location updates every 3 minutes and uploads every 30 minutes). Devices can be configured to provide more frequent location updates when the asset is in motion which will impact battery life.

Indoor/Outdoor Asset Management on One Device

Track and manage your assets as they move across environments with Edge Devices.

Multi-Technology Location Tracking

Performing where GPS-only devices fail, Edge devices support multiple location technologies (GNSS Scanning, Wi-Fi MAC Address Scanning, and Cell Tower location), to enable seamless Indoor-to-Outdoor asset tracking and management on one device.

Location 'Scanning' with Cloud-Based Solving

Unlike most GNSS asset tracking devices in the market today that conduct location calculations on-device, Edge devices employ a unique approach by offloading the location processing workload to the cloud to significantly reduce power consumption and extend battery life.



Indoor/Outdoor Batter y-Powered

Cellular 4G/5G LTE-M (Cat-M1)/NB-IoT

LTE-M (Cat-M1)/NB-IoT				
	Bara Core	Bara Edge	Yabby Edge	Oyster Edge Bluetooth
Connectivity	NB-IoT Only	LTE-M and NB-IoT	LTE-M and NB-IoT	LTE-M and NB-IoT
Environment	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Location Technologies	Wi-Fi Scanning Cell Tower Location	GNSS Scanning Wi-Fi Scanning Cell Tower Location	GNSS Scanning Wi-Fi Scanning Cell Tower Location	GNSS Scanning Wi-Fi Scanning Cell Tower Location Bluetooth Beaconing
Cloud-Based Location Solving	Yes	Yes	Yes	Yes
Bluetooth® Gateway	-	-	-	Yes
Housing Size	149 x 51 x 21 mm (5.9 x 2.0 x 0.8 in)	149 x 51 x 21 mm (5.9 x 2.0 x 0.8 in)	85 x 63 x 24 mm (3.35 x 2.48 x 0.94")	108 x 86 x 31 mm (4.25 x 3.39 x 1.22")
Magnet	Magnetic Activation and Tamper Detection	Magnetic Activation and Tamper Detection	-	-
IP Rating	IP68 Rugged Waterproof	IP68 Rugged Waterproof	IP68 Rugged Waterproof	IP68 Rugged Waterproof
Accelerometer	Movement and Impact Detection	Movement, Impact, Rotation, and Tip Detection	Movement, Impact, Rotation, and Tip Detection	Movement, Impact, Rotation, and Tip Detection
Batteries	2 x AA Alkaline or Lithium	2 x AA Alkaline or Lithium	3 x AAA Alkaline or Lithium	3 x AA Alkaline or Lithium
Battery Life Estimates*				
Once Daily Location Updates	10 years	10 years	10 years	10 years
Movement-Based Location Updates**	4.5 years	5 years	3 years	7 years
Hourly Location Updates	3 years	3 years	2 years	4.5 years

^{*}Battery life estimates are influenced by several factors including temperature, installation and orientation of the device, battery selection, the frequency of location updates, network coverage, sensor integrations, peripherals, accelerometer settings, and more.

^{**}Movement-based estimates are based on 2 hours of movement, occurring 5 days a week, with default tracking parameters (location updates every 3 minutes and uploads every 30 minutes). Devices can be configured to provide more frequent location updates when the asset is in motion which will impact battery life.

Connect on Almost Any Cellular Network with Global Devices

For enterprises seeking asset visibility across different networks and borders where LTE-M or NB-IoT is not available, 4G LTE Cat 1bis with 2G fallback emerges as a comprehensive global connectivity solution.

Track Anywhere

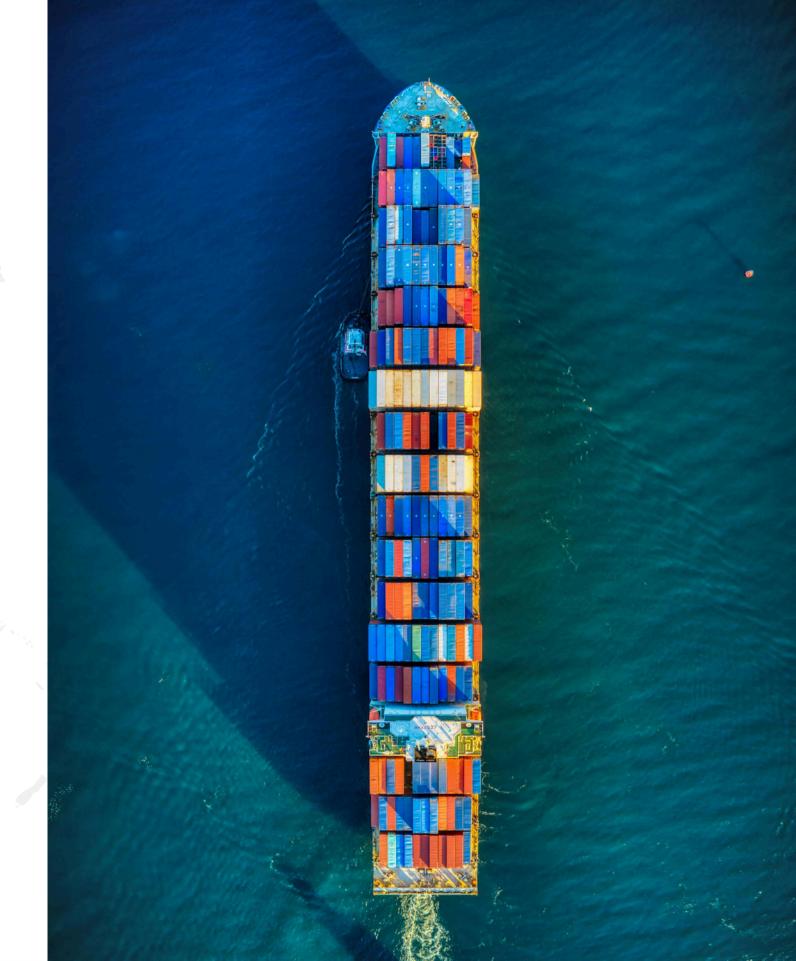
Our global devices enable seamless global asset tracking and management across most of the world's cellular networks.

Deploy in Regions Without LTE-M or NB-IoT

While these networks offer specific advantages in IoT asset tracking, including longer battery life, improved range and penetration, and better performance, global coverage is limited in some regions.

2G Migration Plan

Deploy today on 2G with a migration path to 4G as networks sunset.



Global Battery-Powered

4G LTE Cat 1bis with 2G Fallback Connect Almost Anywhere





Oyster3 Global GPS

Remora3 Bluetooth Global GPS

Connectivity	4G LTE Cat 1bis and 2G fallback	4G LTE Cat 1bis and 2G	
Location Technologies	GNSS Cell Tower Location	fallback GNSS Cell Tower Location	
Bluetooth® Gateway	-	Yes	
Housing Size	108 x 86 x 31 mm	224 x 91 x 41 mm	
	(4.25 x 3.39 x 1.22")	(8.82 x 3.58 x 1.61")	
Magnet	-	Magnetic Tamper Detection	
IP Rating	IP68 Rugged Waterproof	IP68 Rugged Waterproof	
Accelerometer	Movement, Impact, Rotation, and Tip Detection	Movement, Impact, Rotation, and Tip Detection	
Batteries	3 x AA Lithium or LTC	2 x D LTC	
Battery Life Estimates*			
Once Daily Location Updates	8 years	10 years	
Movement-Based Location Updates**	2.5 years	9 years	
Hourly Location Updates	1.5 years	7 years	
		-	

^{*}Battery life estimates are influenced by several factors including temperature, installation and orientation of the device, battery selection, the frequency of location updates, network coverage, sensor integrations, peripherals, accelerometer settings, and more.

^{**}Movement-based estimates are based on 2 hours of movement, occurring 5 days a week, with default tracking parameters (location updates every 3 minutes and uploads every 30 minutes). Devices can be configured to provide more frequent location updates when the asset is in motion which will impact battery life.

Feature-Rich **Fleet Management** Solutions

Track the equipment and vehicles that drive your business with our range of GPS tracking solutions for powered assets.

From plug-and-play devices that fit existing OBD ports to advanced wired options, build a comprehensive fleet and driver management solution.

- Real-Time Location Tracking and History
- Theft Prevention and Recovery
- Accident Detection
- Driver ID and Behaviour
- Driver Fatigue
- Speed Reporting
- Immobilisation
- In-Geofence Behaviour



OBDII & Wired

Cellular 2G and 4G/5G LTE-M (Cat-M1)/NB-IoT









Bolt2 Dart2 Bluetooth®	G70 Bluetooth®	G150 Bluetooth®
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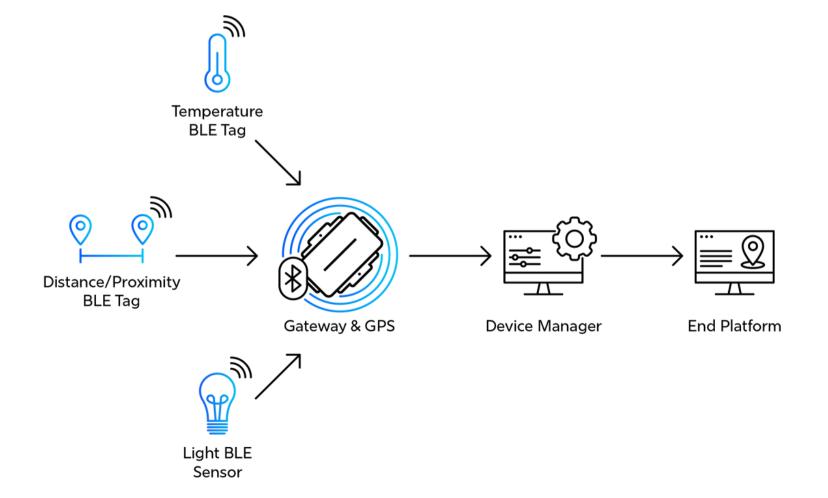
Connectivity	LTE-M and NB-IoT	2G*, LTE-M and NB-IoT, or 4G LTE Cat 1bis and 2G fallback	2G* or LTE-M and NB-IoT versions	4G LTE Cat 1bis and 2G fallback (Global)
Location Technologies	GNSS	GNSS	GNSS	GNSS
Installation	OBDII	Wired / Optional OBDII or cigarette lighter power harness	Wired	Wired
IP Rating	_	_	IP68 Rugged Waterproof	IP68 Rugged Waterproof
Real-Time Tracking	Yes	Yes	Yes	Yes
Bluetooth® Gateway	-	Yes*	Yes*	Yes
Backup Battery	Yes	Yes	Yes	Yes
Ignition Digital Input	-	1	1	1
Digital Inputs	-	3	3	4
Analog Inputs	-	2	2	1
Switched Ground Digital Output	-	1	1	2
Switched Power Out	-	Yes	-	Yes
RS-232 Interface	-	-	-	Yes
Driver ID	-	Yes	Yes	Yes
Driver Behaviour	Yes	Yes	Yes	Yes
Run Hour Monitoring / Odometer	Yes	Yes	Yes	Yes
Remote Immobilisation	-	Yes	Yes	Yes

^{*2}G versions of these devices do not support Bluetooth Low Energy.

Enhance Your Solution with Bluetooth® Low Energy (BLE)

Our range of Bluetooth gateway devices combine the accuracy of GPS location tracking and Bluetooth Low Energy to enable asset visibility, condition monitoring, exception reporting, and more.

Integrate with any third-party BLE tag, sensor, or beacon to capture and report on the data that matters to your business.





Inventory, Cargo, and Asset Management

Bluetooth Location tracking tags can be used to manage stock, inventory, pallets, tools, small pieces of equipment, and more.



Condition Monitoring and Cold Chain

Install Bluetooth sensors in temperature and/or humiditysensitive trucks, freezers, or packages to maintain safety and compliance.



Exception Reporting

Receive alerts when, and at what locations, high-value assets or dangerous goods are mishandled during transit with impact, vibration, or high G-force detection.



Door Open/Close Monitoring

Integrate with a variety of Bluetooth tags such as magnets or light sensors to enable door open/close monitoring for tamper detection, reporting, and/or compliance.



Enhanced Fleet Management

Leverage Bluetooth sensors for driver ID, fuel monitoring, axle load, tire pressure, and temperature to achieve a robust and wire-free fleet management solution.





Proven & Deployment-Ready

Tried, tested, and ready for immediate use.



Enterprise-Level SecuritySecure and scale your solution.



Regional Support

Resolve queries quickly with expert technical support.

One Platform, Every Asset.

Asset Management Location Tracking Quickly locate your assets

Robust Reporting

Vital reports for analysis

Asset Utilisation

Understand how your assets are being used

Trip HistoryView historical trip data

Actionable Alerts

exceptional events Condition Monitoring

Set notifications for

Report on temperature, humidity, and more

Recovery Mode

One-touch real-time tracking

Geofencing

Create digital boundaries to understand asset movement

Custom Map Overlays

Integrate custom maps

Fleet Management

Driver ID Collect, manage, and sync Driver ID details

Preventative Maintenance

Reduce asset downtime with maintenance alerts

Maintenance & Checklists

Create pre-start checks, proof of delivery and maintenance

Driver Behavior

Monitor fatigue, speeding, acceleration, braking and more

Immobilisation

Safely and remotely disable assets

Expense Reporting

Mark trips as business vs. private for logbooking

Incident Detection

Receive alerts if asset is involved in an accident

Deliveries & Dispatches

Enable simple job or delivery dispatching

Device Manager

Device Manager is our cloud-based **Device Management Platform** that provides visibility and control over your devices and ensures that they continue to perform at their best for longer.



Customise for Your Use Case

Take control of over 200 device settings to fine-tune performance for your use case.



Monitor and Troubleshoot Quickly

Minimise downtime and improve end-customer satisfaction.



Keep Devices Up-to-Date Remotely

Update device settings, firmware, and security enhancements over-the-air.



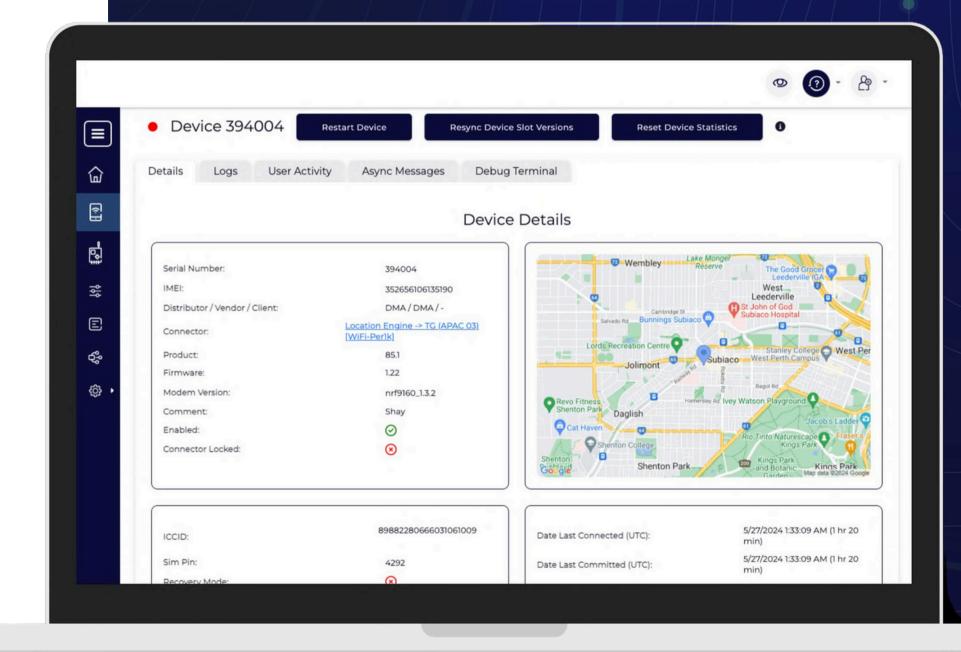
Maximise Performance

Utilise advanced functionality such as GNSS Aiding Data to improve device performance.



Secure Your Solution and Scale

AES-256 Encryption and Authentication keeps data secure.





Fine-Tune Device Performance for Your Use Case

Our devices are highly configurable via Device Manager. Take control over a robust range of settings to fine-tune performance for your specific use case. Streamline your operations by templating parameters to apply settings in bulk and remotely push updates, ensuring your hardware continuously adapts to the evolving needs of your deployments.



Tracking Behaviors

Update Rate, Tracking Mode, Movement Detection, Accelerometer Settings, Scheduled Uploads, Inactivity



Fleet Management

Accident Logging, Driver ID, Harsh Driving, Driver Fatigue, Idle Monitoring, Speeding, Immobilisation, Geofence Behavior



Bluetooth®

Universal Tag Integration, Bluetooth Scanning Frequency and Upload Behavior, Update on Sensor Values or Events



Location and Accuracy

Accuracy Requirements and Filtering, GPS Timeout Behavior, Location Technology Types



Condition Monitoring

Impact Detection, Tip Detection, Rotation Counting, Run Hour Monitoring



Inputs/Outputs and Peripherals

Analog, Digital, I/O Thresholds and Alerts, Upload Behavior, Task Management, Peripheral Integrations, Peripheral Control



Recovery and Tampering

Live Tracking and Logging Intervals, After-Hours Movement, Tamper Alerts

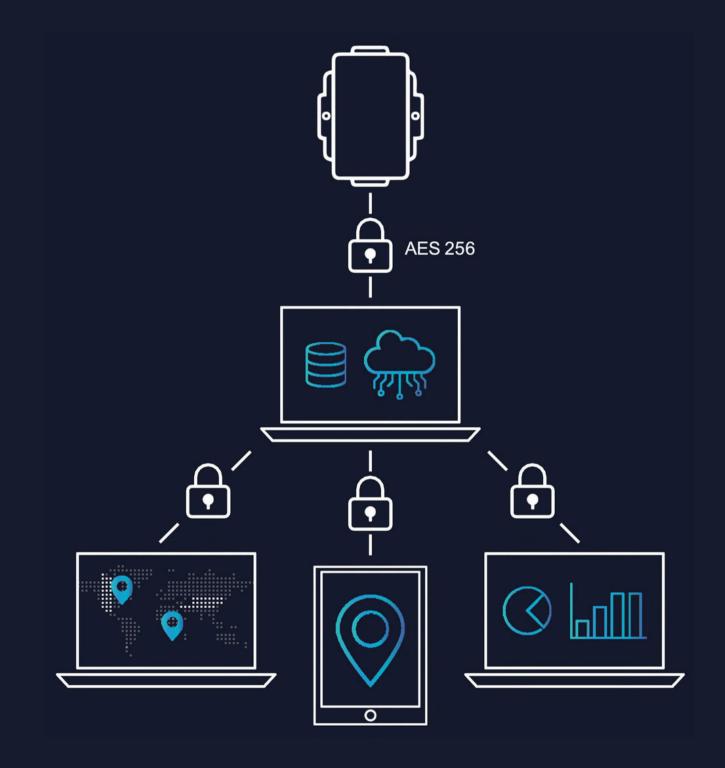


Network Settings

APN Settings, Network Settings and Preferences, Band Selection or Masking, Network Registration Timeouts

Send Data Anywhere with Integration and API Control

Securely send device data to your end platform through HTTPS or TCP, including to multiple endpoints simultaneously. Perform various functions through a comprehensive API to automate device control, provisioning, and performance monitoring.



Connect More

Our Suppliers are a leading global developer and supplier of IoT asset tracking, sensor monitoring, and advanced telematics solutions. Engineered to outperform, we offer a versatile range of 'deploy once' hardware with the largest portfolio of battery-powered IoT asset tracking devices across a range of connectivity technologies.



