MONITOR  LOCATE  ALERT

System Hardware & Specifications
Expert Engineering

Compliancing: Ensures stability and reliability of hardware in the field.

User Testing: Meets Australian standards for accessibility and usability. Dedicated UI/UX specialists ensure that our software is a delight to use.

Quality First: Our development team based in Melbourne designs, builds and tests our system and works on new features for our customers.

We believe in security from the ground up. All architectural and programming decisions have been made with data security in mind. We safeguard all customer data using industry best practices.

Mobile Applications: We offer mobile apps for both Android and iOS. We aim to deliver autonomous tracking solutions. Once personnel install the app they don’t need to touch it again!

Web Application: Our administration interface allows oversight of all asset locations and data. As well as system configuration and management. We unify all data streams to prevent siloed data and offer a single pane of glass to see all asset data.

Cloud Server: Powering our mobile and web applications, the cloud server is the engine room for ATLAS. The cloud receives, processes, secures and stores all asset data. Cloud based architecture allows us to roll out new features and enhancements to customers instantly.

RESTful API: Available for integration with third party applications.

Mobile SDK: To embed ATLAS service within existing mobile apps.

Custom Hardware ✔
Cloud Service ✔
Software Engineering ✔
Mobile Application Engineering ✔
Firmware Engineering ✔
**ID2 Card Tag**

- **Low Maintenance**
  Powered by Lithium polymer battery, unlocks 2+ years lifespan.

- **Ease of Adoption**
  Convenient standard Credit Card size allows easy adoption by workforce.

- **Waterproof**
  Laser sealed case offers maximum UV and Water resistance.

- **Long Range**
  Range configurable, long range ready.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Affixing</td>
<td>3M tape, lanyard</td>
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<tr>
<td>Battery Model</td>
<td>Lithium polymer 3.7v</td>
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<tr>
<td>Operation Voltage</td>
<td>1.8-3.9V</td>
</tr>
<tr>
<td>Weight</td>
<td>18g</td>
</tr>
<tr>
<td>Size</td>
<td>90 x 60 x 4 mm</td>
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<tr>
<td>Connection</td>
<td>Gateway, Altas App</td>
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</table>
**Ultra Long Battery Life**
Commercial and industrial grade, leveraging on board battery conservation algorithm.

**No Boundaries**
Smart multi-connect with various devices at ultra-long range.

**Motion Analytics**
On-board sensors record time in motion to deliver utilisation metrics.

**Compliance Alerts**
Vector will alert you unprotected, by detecting if no app is present whilst moving in the field.

**V7 Vector Tag**
- **Battery:** CR2450
- **IP Rating:** IP65 / UV Resistance
- **Chipset:** Nordic BLE 5.0
- **Range:** Up to 1.2 km
- **Water Proof:** IPX7
- **Feedback:** LED / Speaker 90dB
- **Accelerometer:** 3-axis data collection
T3 Tough Tag

- **Ultra Long Battery Life**
  Tough beacon is powered by 2x AA batteries, with up to 5 years lifespan.

- **Rugged Enclosure**
  Weather resistance case designed for harsh environments.

- **Location Anchor**
  Highly accurate indoor location references provide by simple battery operated anchors.

- **Industrial Strength**
  Rated IP65 / UV Resistant.

**Battery:** AA (not incl.)
**Range:** Up to 250m
**Features:** Beacon / Location Anchor
**Weight:** 39g (with batteries)
**Dimensions:** 72 x 45 x 22 mm
**Accessories:** 3M adhesive, Screws
S3 Slim Tag

- **Low Profile**
  Designed for use-cases that require the lowest profile TAG and discreet form factor.

- **Rugged Design**
  Plastic welded to ensure highest possible IP, rated 66.

- **Customisable Firmware**
  Multiple firmware packages available for versatile logic handling.

- **Versatile**
  Affix via 3M tape for discreet tracking, multi-adapter plate also available.

**Specifications:**
- **Colour:** Black / Grey
- **Chipset:** Nordic nrf51822
- **Certificate:** CE/FCC/ROHS/MFI
- **Battery:** CR2016 (non-replaceable)
- **Range:** Up to 150m
- **Size:** 40.3 x 23.9 x 2.6 mm
- **Lifespan:** Configurable up to 3yrs
A18 Universal Tag

- **Long Battery Life**
  Powered by long life CR2450, replaceable coin cell battery.

- **Weather resistant case**
  Rated at IP65, resists outdoor environments, water and dust.

- **Custom Firmware**
  Custom firmware design unlocks powerful system features and gold standard security.

- **Long Range**
  Proprietary design gains up to 250 meters omni directional range.

**Specifications**
- **Technology:** BLE 5.0
- **Range:** Up to 200m
- **IP Rating:** IP67
- **Security:** 256 bit
- **Battery Model:** CR2450 (replaceable)
- **Net Weight:** 19.0g
- **Size:** 43 × 43 × 8 mm
- **Accelerometer:** 3-axis data collection
**Medical Grade**
Anti bacterial band for management of hygiene and health.

**Easy Attachment**
Clip lock band for ease and efficiency in patient attachment.

**Capability**
Monitor, locate and timely alerts via Atlas portal.

**Versatile**
Interchangeable hardware to support retrofitting onto 3rd party bands.

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**Fitting:** Clip / lockable  
**Technology:** Bluetooth® 5.0 chipset  
**Band:** One size fits all  
**Battery:** CR2032 (Replaceable)  
**Range:** Up to 100m  
**Size:** 35.9x11mm  
**Net Weight:** 12.0g
GATEWAY

Remote Configuration
Easy deploy and configure via Atlas mobile application.

Gold Standard Security
Encrypted handshake protocol to secure data in transit.

Self Calibrating
Multiple data and power source options available, promotes easy integration.

Real-time Tracking
Rapid monitor mode tracks as frequently as ten times per second.

IS1 Gateway

- Weight: 180g
- Colour: White
- Power Supply: 5V 1A DC power adapter or 02.3af PoE
- Platform: Atlas Portal
- Installation: Ceiling, Wall, Enclosure
- WIFI protocol: IEEE 802.11 b/g/n
- WIFI power: 18dBm
- WIFI rate: 300 Mbps

BLE Gateway
Mesh Network
Self-configuring connection at long range for fast, easy deployment.

Gold Standard Security
Encrypted handshake protocol to secure data in transit.

Low Maintenance
Battery operated low energy devices excel in longevity, delivering low maintenance benefits.

High Accuracy
Proximity and triangulated positioning for high accuracy, when required.

IS3 Gateway

Size: 100mm x 30mm
Weight: 180g
Environment: Indoor / Outdoor
Power Supply: Battery / Mains Power / POE
Platform: Atlas Portal
Installation: Ceiling, Wall, Enclosure
WIFI protocol: IEEE 802.11 b/g/n
WIFI power: 18dBm
WIFI rate: 300 Mbps
Plug & Track
A next-generation, affordable, plug-and-play BLE gateway that will help you accelerate the adoption of indoor IoT and location use-cases through infrastructure simplification.

Versatile Integration
Supporting multi platform output including EMQTT, AWS, ALI, and custom configurations.

Create Ultra-Large Zones
Scanning range for BLE can reach up to 250m in line of sight.

Simplified Deployment
No extra installation equipment needed. Easily deploy indoor, outdoor and underground.

IS2 Gateway

**Button:** On / Off / Reset  
**Range:** 300m  
**Technology:** BLE&WiFi  
**Input/Output voltage:** 90V-240VAC  
**Plug type:** US/UK/EU/AU/FR  
**Size:** 110 x 62.3 x 64.1 mm  
**Encryption protocol:** TLS V1.2
Advanced Power Modes
The longest lasting battery for wearable device on the market, with up to 28 days standby.

Track & Monitor
Remote monitoring, real-time location updates and timely alerts, creates reliable layers of security.

Geo-Fence Alerts
Create virtual fences and receive alerts on entry and exit of defined zones.

Duress Button
Feel safe with an Australian certified medical and personal alarm.

Seek GPS

Band: International Ready
Chipset: GPS / Cellular
Aus Certified: CE/FCC/ROHS
Accessories: Lanyard, Wrist Band, Clip
GPS Accuracy: Sub 5m
Size: 61 x 43 x 1.6 mm
Weight: 40g
GPS TAG

- **Rechargeable battery**
  High capacity 10,000mAh Li-ion rechargeable battery, up to 5 years lifespan.

- **Magnetic Affixing**
  Secure fit designed for commercial and industrial applications.

- **Harsh Environments Ready**
  Water and dust resistant housing to ensure reliable operation in any environment.

- **Tamper Alarm**
  Gain instant alerts if tamper switch is depressed, due to removal from your asset.

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**Atlas 6 GPS**

- **Powerful Range:** GPS ceramic antenna
- **Location accuracy:** <5 m
- **Battery:** 10000mAh/3.7V lithium polymer
- **Dimensions:** 108.5 x 61 x 30 mm
- **Weight:** 286g
- **Connection:** WCDMA/GSM
- **Operating temperature:** -20°C ~ +70°C