

# Introducing the Barra Range

Lowest-Cost IoT Asset Tracking at Scale



#### **NEW PRODUCT STATEMENT**

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The statements reflect Digital Matter's envisaged future plans and are therefore uncertain. The future production or availability of specific devices, software, firmware or device functionality is dependent on many factors over which Digital Matter has no control, such as component availability, market conditions, changes to legislation and technological developments.

Digital Matter has no obligation to provide updates or amendments to this statement should its plans change.

# Introducing the Barra Range



- New line in our battery-powered portfolio
- Powered by 2 x AA user-replaceable batteries
- Enables low to mid-value asset tracking
- New housing Slim form factor with magnetic tamper detection and activation
  - Screw Together Housing
  - Snap Together Housing Option
- Three product variations (for now) LTE-M / NB-IoT
  - Barra Edge Indoor/Outdoor
  - Barra GPS Outdoor
  - Barra Core NB Lowest Cost NB-IoT Only

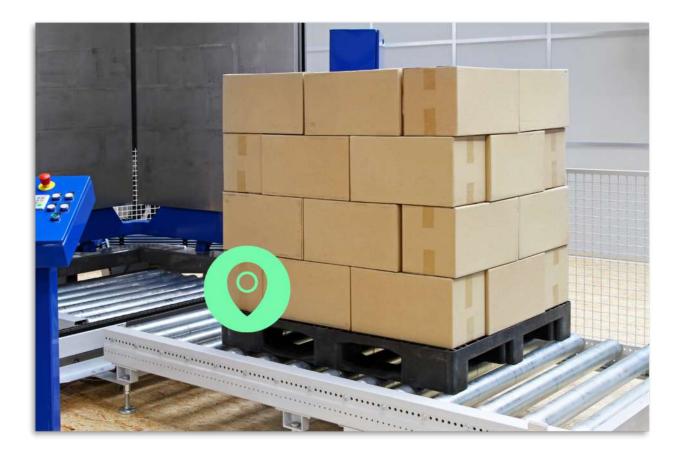


149 x 51 x 21 mm (5.9 x 2.0 x 0.8 in)

# **Market Opportunities**



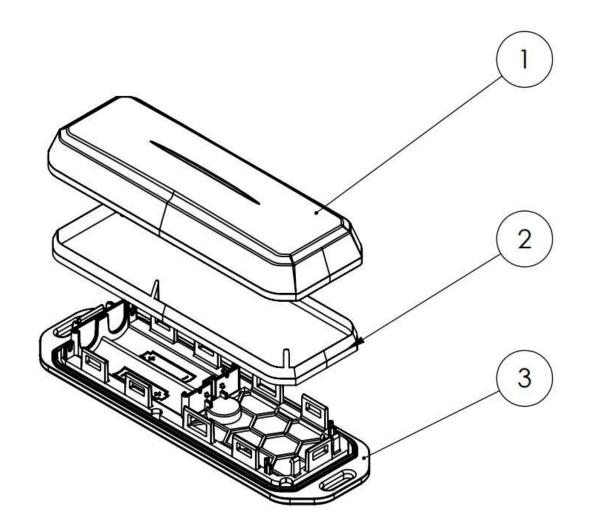
- Low to mid-value asset tracking and recovery at scale
- Deploy on assets where existing solutions are cost-prohibitive
- Low-profile form factor makes it suitable for:
  - Supply Chain / Logistics
  - Pallets
  - Cargo
  - Trolleys
  - Packaging
  - Equipment
  - Tools
  - More!



### **Design Decisions for Flexibility**



- Smaller, Better, Higher ROI = More Markets
- 2 years of R&D and partner feedback
- Three variations to meet different deployment scenarios
  - Location Technologies
  - Accuracy Requirements
  - Price Point
- Housing Advancements
  - Ultra-Rugged
  - Battery Holder
  - Magnet
  - Smaller and Thinner More Installation Options



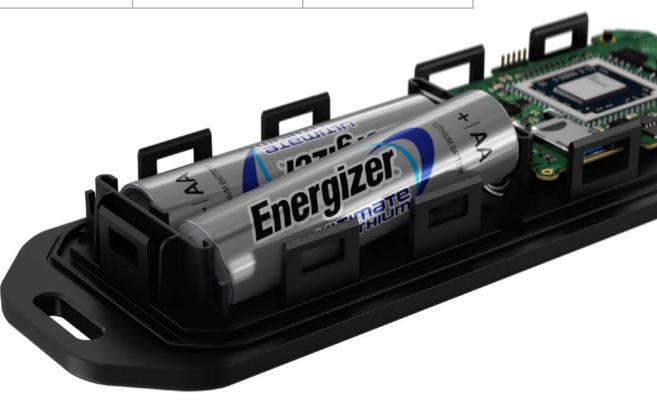


#### Improved Low-Power Design for 'Deploy Once' performance

- Supports mass deployments no manual recharging or battery changes
- No additional gateways or infrastructure required
- Reusable = more sustainable than 'one and done' devices

#### **Barra Edge Battery Life Estimates**

1 x Daily Location	Movement-Based	1 x Hourly Location
Update	Location Updates	Updates
10+ Years	5+ Years	3+ Years





Magnetic Tamper Detection and Activation

- Magnetic switch can be used to activate the unit
- Enables pre-installation of SIM cards and batteries for faster deployments
- Receive tamper alerts if device is removed from your asset



	Barra Edge	Barra Core	Barra GPS
Key Differentiators	GNSS and Wi-Fi Scanning LTE-M and NB-IoT Nordic Module	Lowest Cost Wi-Fi Scanning NB-IoT Only Quectel Module	Full GNSS LTE-M and NB-IoT Nordic Module
Connectivity	LTE-M and NB-IoT	NB-IoT Only	LTE-M and NB-IoT
Environment	Indoor/Outdoor	Indoor/Outdoor	Outdoor
Location Technologies	GNSS Scanning Wi-Fi Scanning Cell Tower Location	Wi-Fi Scanning Cell Tower Location	Full GNSS Cell Tower Location
Cloud-Based Location Solving	Yes	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)	149 x 51 x 21 mm (5.9 x 2.0 x 0.8 in)
Magnetic Activation and Tamper Detection	Yes	Yes	Yes
IP Rating	IP68 Rugged Waterproof	IP68 Rugged Waterproof	IP68 Rugged Waterproof
Batteries	2 x AA Alkaline or Lithium 1.5V	2 x AA Alkaline or Lithium 1.5V	2 x AA Alkaline or Lithium 1.5V
* Battery Life (Daily)	10+ Years	10+ Years	8+ Years
* Battery Life (Movement-Based)	5+ Years	5+ Years	3+ Years
* Battery Life (Hourly)	3+ Years	3+ Years	2+ Years

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