



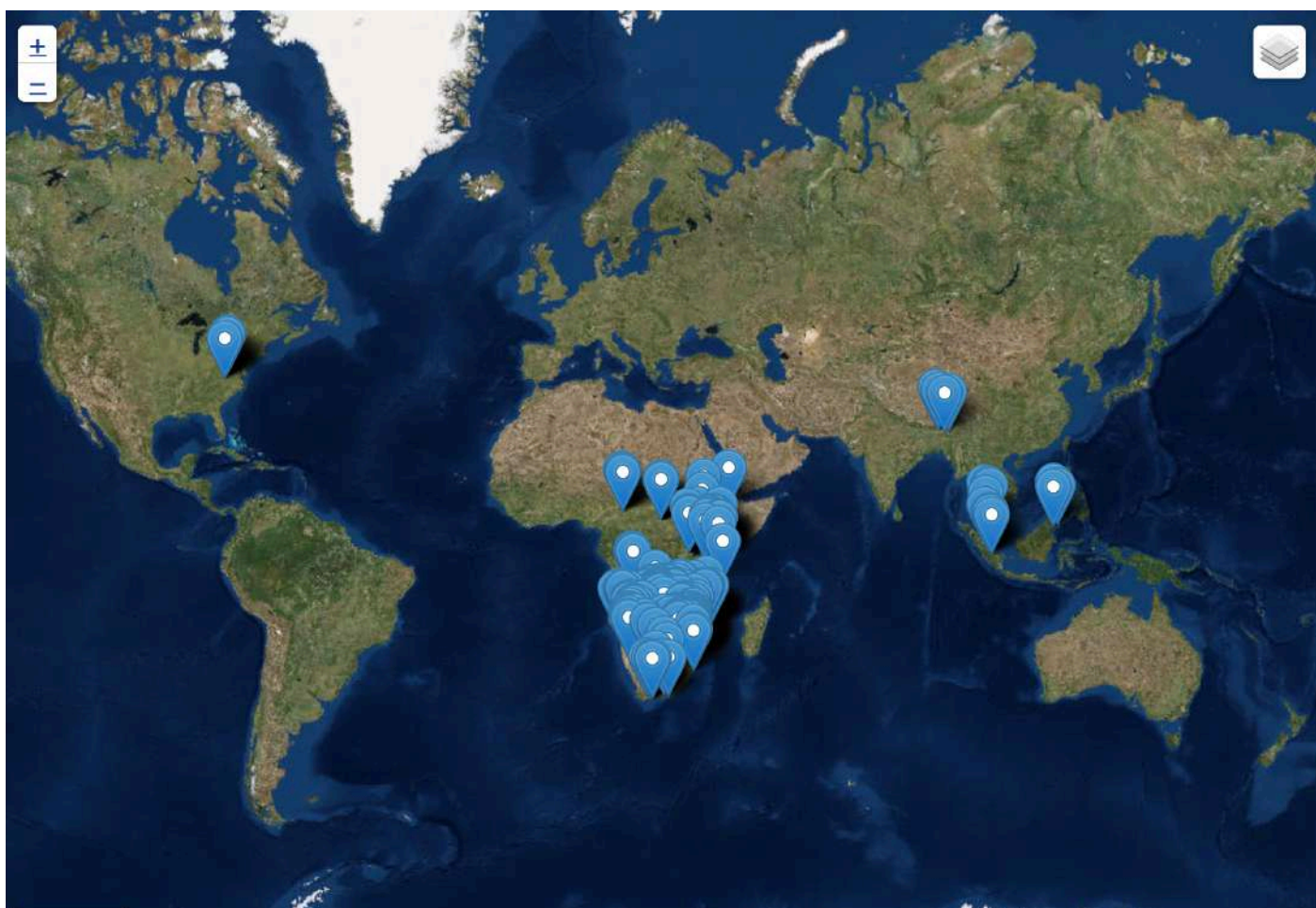
AWE

TELEMETRY SYSTEMS

▶ Wildlife Tracking Systems

We believe that essential information about wildlife can be made available to stakeholders no matter the location of the animal or the stakeholder.

Our products deliver essential data to reserve managers and researchers to enable informed management decisions and accurate conservation research. The electronics and systems that we produce (since 2003) have a proven track record and have been used in thousands of wildlife collars deployed



throughout the world by commercial wildlife collar manufacturers using our robust technology. Our new range of wildlife collars takes reliability to the next level.

A close-up photograph of an elephant's head, focusing on its trunk and tusks. The elephant is wearing a dark, textured satellite collar around its neck. The background is dark and out of focus.

Dura-strap Satellite Collars

- Satellite communications for global operation
- Receive your data online or with a mobile app in real-time
- Best in class battery life
- Durable collars
- High-end GPS/GNSS receivers
- Super long-range VHF transmitter
- Refurbish in the field, on the animal

Dura-strap Iridium ELSAT

A GNSS elephant tracking collar with two-way Iridium communications. The Iridium ELSAT tracking collar collects location and temperature information and communicates to the AWE portal via the Iridium satellite network. Using Iridium's global coverage these collars can operate anywhere on earth. Logging and communication schedules can be configured and changed remotely. This tracking collar can be refurbished in the field by easily replacing the battery pack. Lead-free counterweight.


Dura-strap Iridium ANISAT

A GNSS tracking collar with two-way Iridium communications. The Iridium ANISAT tracking collar collects location, temperature and activity information and communicates to the AWE portal via the Iridium satellite network. Using Iridium's global coverage these collars can operate anywhere on earth. Logging and communication schedules can be configured and changed remotely.

Dura-strap Globalstar ANISAT

A GNSS tracking collar with one-way (Simplex) Globalstar communication. The Globalstar ANISAT tracking collar collects location information and communicates it via the Globalstar satellite network. The Globalstar service

Dura-strap GSM and Radio collars

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- GSM or Radio communications
 - Receive data online or with a Creature Reacher
 - Mobile apps for in-field data access
 - Best in class battery life
 - Durable collars
 - High-end GPS/GNSS receivers
 - Super long-range VHF transmitter


does not allow logging and communication schedules to be configured and changed remotely.

Dura-strap Tiny-GSM

A GNSS tracking collar with two way GPRS communication. If your target area is within cellular coverage, the Dura-strap Tiny-GSM collar is a cost-effective option. The Tiny-GSM tracking collar collects and transmits location, temperature and activity information via GPRS. Logging and communication schedules can be changed remotely.

Dura-strap ANIRAD

A GNSS tracking collar with medium-range two-way radio communication. The ANIRAD tracking collar collects and stores location, temperature and activity information on-board. Logging and communication schedules can be changed remotely in the field and stored information can be downloaded from the collar in the field with a Creature Reacher handheld gateway. Large amounts of data can be sent at high speed using this radio communication protocol.

A leopard with a distinctive spotted coat is lying on a thick, textured tree branch. The leopard's head is resting on the branch, and it is looking directly at the camera with a calm expression. The background is a lush green forest with sunlight filtering through the leaves.

Astounding converged technology

- Automatic data collection from your ANIRAD collars
- Tools to locate your animals in the field
- Easiest system to operate by far
- Excellent range on radio systems

Dura-strap L-ANIRAD

A GNSS tracking collar with long-range two-way radio communication. The L-ANIRAD tracking collar collects and stores location, temperature and activity information on-board and transmits them to receiving gateways or base stations over a long range. This is a good option where real-time location information is needed in remote areas that have no network coverage.

Creature Reacher Premium

Creature Reacher Premium allows you to get the latest location from any of your Dura-strap collars, no matter your location. It is a hand-held gateway that enables you to communicate directly with your Dura-strap L-RAD and ANIRAD collars via your smart phone. The latest location of any of your Dura Strap Iridium ANISAT, Tiny-GSM, Iridium ELSAT or G-SAT collars can also be retrieved from the AWE portal to the field via the Iridium connectivity built into the Creature Reacher Premium. A useful Guide-me function will guide you to the latest location retrieved.

AWE Base Station

The AWE base station solution automatically downloads and collects stored data from your Dura-strap ANIRAD collars when they get in range. Dura-strap L-RAD collars transmit their latest location to the Base Station automatically using long range radio technology. Information received from Dura-strap

Anti-poaching Technology



- Global coverage via Iridium satellite network
- Radio tracking for medium range monitoring
- Rechargeable
- Fully integrated into the CSIR's CMORE spatial awareness platform

L-RAD and ANIRAD collars are automatically relayed to the AWE portal for online viewing or download. The base stations have satellite and GSM connectivity, making it easy to deploy a network.

Dura-strap VHF Radio

A traditional VHF beacon tracking collar that can be tracked with a standard narrow-band receiver and a directional antenna.

K9 Iridium & Radio harness

Designed for the Kruger National Park's anti-poaching K9 unit, this rechargeable harness contains GNSS tracking with both Iridium Satellite and Radio communication so that the sniffer dogs can be tracked no matter where they are operating in the park. The system has been integrated with the CSIR's CMORE awareness platform to enable full command and control and a holistic view of operations.

K9 GSM & Radio harness

A rechargeable harness containing GNSS tracking with both GSM and Radio communication so that working dogs can be tracked via GSM whilst in GSM coverage, or via Radio when outside of GSM coverage.

Feature Chart

	GPS	Iridium	GSM	Global star	VHF on Request	Remote Configuration	Activity
Iridium-ELSAT	✓	✓			✓	✓	
Iridium-ANISAT	✓	✓			✓	✓	✓
Globalstar ANISAT	✓			✓	✓		
Tiny-GSM	✓		✓		✓	✓	✓
ANIRAD	✓				✓	✓	✓
L-ANIRAD	✓				✓	✓	✓
VHF Radio					✓		
K9-Iridium & Radio	✓	✓				✓	✓
K9-GSM & Radio	✓		✓			✓	✓
Creature Reacher Premium	✓	✓				✓	
AWE Base Station	✓	✓	✓			✓	



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