



CLOUD COLLECTED®

## Animal Tracking System

### Product Overview

#### What is Cloud Collected?

Cloud Collected turnkey solutions harness Wireless, RFID, Sensor, Biometric and other technologies to provide Dynamic Asset Management (DAM) Real Time monitoring, tracking, and managing for single or multiple sites and locations.

Our Turnkey Solutions as a Service (TSaaS) are fitted to your needs, easy to implement, and capable of expansion at any time.

#### Our Products



##### Tracking

- RFID Vehicle Monitoring
- Dealership Vehicle Availability
- Delivery Truck Availability
- Mobile Asset Management
- EMC/EMT Vehicle Assets and Personnel
- Fire Apparatus Assets and Personnel
- Police Vehicle Assets and Personnel
- Utility Assets and Personnel
- Other First Responders
- Other Mobile Assets
- Personnel Management
- Tour Guide Monitoring
- School Bus Monitoring
- Office and Warehouse Personnel Tracking
- Animal Tracking
- Remote Site Asset Management
- Tag Readers and Testers



##### Access Control

- RFID Vehicle Access
- Gated Communities
- High Security Facilities
- Parking Garages
- Residential Gated Driveway
- Gate Access



##### Dynamic Assets

- Cloud Weapons Express
- Real Time RFID Weapons Issue
- Manual RFID Weapons Issue
- RFID Asset Tracking
- Barcode Asset Tracking



##### Temperature Monitoring

- Cloud Chain

# Animal Tracking System

activity logs for domestic or wild animals.

Provides data logs for animals that are in proximity to the system. Our Total Solutions As A Service (TSaaS) utilizes RFID tags and software to log animal activity for analysis.

## All-In-One Solution

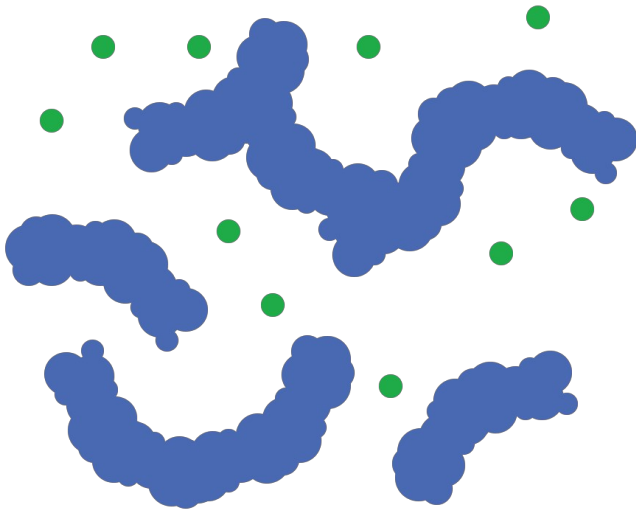
Our Animal Tracking solution utilizes RFID tags and software to log animal activity for analysis.

The system is designed to allow the unattended collection of data from tags that are seen by the reader over the course of the data collection timeframe. Depending on the power supply the unattended operations can go from a short time to 30 days or more.

The system has an easy to use touch screen providing the user interface to manage the date/time setting, which way to collect the data, view the actual data RSSI during the data collection, how to retrieve data via a USB stick and how to shut the data logger down correctly.

Quickly and easily obtain animal activity data logs for:

- Wild Animals
- Domestic Animals



## Easy Setup & Installation

1



### Customize Your Solution

Decide which RFID tags suit your needs and the number of tags needed.

2



### You Receive the Package

The package will include everything you need to get up and running - all encased in a NEM4 enclosure.

3



### Adjust Settings

Power up the system and set the time. Adjust the data logging settings and leave the system to log data.

4



### Distribute Tags and Monitor

Attach tags to your assets and retrieve data logs.

## Complete Package

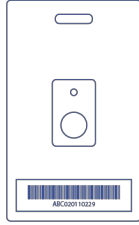
Our Remote Asset Tracking Total Solutions As A Service (TSaaS) can be configured with multiple options.

## Options

- **Multiple Data Settings** Animal activity can be tracked multiple ways:
  - **Last Seen:** Data logging of when a tag is first seen and when it is last seen depending on the interval setting in minutes.
  - **Continuous:** New data entries are made every time a tag is seen.
  - **Asset Track:** Logs data only for animals that are registered in the database.
  - **Day Track:** Creates a new data entry for each animal only once a day when it is first seen and last seen.
- **Lockdown** Requires user authentication before data can be retrieved from the device.
- **Solar Charging** An alternate to running on a standalone battery is to recharge the battery with a solar panel.
- **USB Data Retrieval** Download all asset data to a USB disk.
- **Wireless Data Retrieval** Use WiFi to connect to the device and download data.



## RIFD Tag Options



### Long Range Personnel Badge Tag

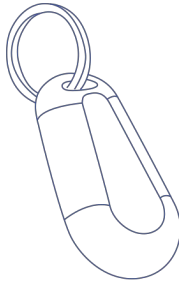
Standard ID card footprint for attaching photo identification cards, Dynamic Tag Tracking

- Up to 5 year battery life warranty. Unique "Sleep" feature
- Adjustable read range from 2 ~ 200 meters (600 feet) with standard antennas and up to 500 meters ( 1,500 feet) with our special antennas
- Optional Tamper Switches; Duress Buttons and motion sensing capability
- **Optional built in HIF Prox, iClass, Mifare, DESfire and other RFID IC's**
- **Optional Motion Sensor**

### Long Range Personnel or Patient Bracelet Tag

Attaches to person's wrist or ankle using standard Hospital ID straps

- Continuously monitored and tracked when used to detect when wearer approaches designated area zones
- Unique "Sleep" feature provides battery life up to 5 years
- Tag can be chemically sterilized
- Adjustable transmission range from 0.6 m to 70 m (2 feet ~ 200 feet)
- **Optional Duress Button - built in membrane push button for manual call applications**



### Long Range Keyfob Tag

- Adjustable read range of 0.3 m ~ 200 m ( 1 foot ~ 600 feet)
- Optional Motion Sensing capability
- Long range Keyfobs easily identify personnel in Cars, Trucks, and Busses for Gate Access Control at Military Bases, Bus Terminals, Gated Communities, Hospitals, Mines, and all kinds of Commercial Facilities
- These tags do not have to be "seen" by the reader to be correctly identified
- **Optional Motion Sensor**

### Long Range Vehicle/Asset Tag

- Easily attaches to all surfaces, including metal
- Vehicle Tags can be monitored at 300+ mph
- Dynamic Tag Tracking
- High impact resistant UV stabilized PVC case, ultrasonically welded and sealed
- **Adjustable read range from 2 ~ 200 meters (600 feet) with standard antennas and over 500 meters ( 1,500 feet) with our special antennas**



## Features and Components

Hardware	
RFID Hardware	
RFID Tags	Choice of: - Badge RFID Tag - Bracelet RFID Tag - Keyfob RFID Tag - Asset RFID Tag
NEM4 Enclosed RFID Reader and Data Logger	NEM4 Box included for all-weather installation. 433 MHz Supports 1 Antenna: from 0-1500 foot read range depending on enviroment, antenna and tags used.
Power	12 VDC Battery Required Solar Charging Option Available

Software	
Data Logger Software	
Live Tag Monitor	Shows the user how the system is reading tags in a real-time graph.
Tag Association	<i>Optional: You may choose to simply use tag numbers if you prefer to not associate tags to asset names.</i>
6 Data Log Modes	<ol style="list-style-type: none"> <li>1. Last Seen</li> <li>2. Continuous</li> <li>3. Client Monitor</li> <li>4. Asset Track</li> <li>5. Asset Track + Log</li> <li>6. Day Tracking</li> </ol>
Data Logs	Log files are downloaded to a USB disk. <i>Optional WiFi download available.</i>