

# Track pigs in real time with the field-proven APEX system.



APEX



## Web-Based Pig Tracking System

The Propipe APEX system has changed the way that pig tracking operations are conducted. Through a combination of rugged, field proven above ground marker (AGM) hardware, and innovative PigView software platforms, the APEX system sets the standard for ultra-reliable, accurate, and easy to use pig tracking and data collection.

Our autonomous above ground markers (AGM) enable real-time remote tracking of pigs with EM transmitters, permanent magnets, or acoustically with a geophone input. Get real time passage information, live geophone audio, or historical records at any time.



[PropipeNorthAmerica.com](http://PropipeNorthAmerica.com)

# The APEX system is made up of 3 key elements

Whether you're monitoring remote pipelines or conducting large-scale inspections, APEX delivers the precision, efficiency, and simplicity you need to stay ahead.

**Rugged, ultra-reliable and field-proven APEX AGMs.**

**PigView software, our innovative, customer focused software** to track, monitor and analyze pig run data.

**Best in class support**, including technical support, pig run setup support, and deployment advice to maximize pig run efficiency.



## Seamless Data Flow

Streamline the process of capturing pig passage data from the field to generating comprehensive tracking reports.

APEX AGMs integrate effortlessly with PigView Web and PigView Mobile, making it easy to manage and analyze data in real time.



## Simplified Operations

Designed with ease of use in mind, the APEX AGM simplifies pig tracking for field technicians and integrity management professionals.

Its intuitive interface and robust connectivity eliminate the complexities of traditional tools.



## Proven Performance

Backed by the performance of the APEX AGM family and PigView software, the APEX system delivers unmatched precision and reliability.

With thousands of successful runs to its credit, it's the industry standard for pipeline inspections.



**Today, more than ever,  
pipelines need to be safer  
& more efficient.**

Our pipeline solutions include world class intelligent pig tracking and communications technologies combined with simple, easy to use, powerful data collection and software visualization and analysis tools.



## PigView Software

PigView software is a next-generation pig tracking and data management platform designed for pipeline operators, integrity managers, and field teams who rely on precise, real-time visibility of their Above Ground Marker (AGM) network.

Built for seamless integration with APEX AGMs, PigView centralizes pigging data from the field to the office, allowing users to monitor multiple above ground markers through a single, secure online interface.

With built-in machine learning analytics, predictive pipeline insights, and cloud-based reporting, PigView transforms raw AGM data into actionable intelligence - helping operators improve efficiency, reduce false positives, and make data-driven decisions that protect pipeline integrity.



### PigView Mobile

Extend PigView functionality to your smartphone or tablet, so that you can configure, track, and view your data in real time in the field.



### PigView Web

A secure, browser-based access to pig tracking data and AGM networks. It enables remote monitoring, historical review, and centralized data management for integrity teams and decision-makers.



### PigView Desktop

Designed for field use, allowing you to connect directly to AGMs from a laptop in the truck. It supports offline workflows and automatically synchronizes data to the cloud when connectivity becomes available.



# APEX AGM Hardware

## Compact and Portable Designs

Every single APEX AGM is designed to withstand harsh field conditions, ensuring durability and performance in any environment.

## Field Proven on 1,000's of detections

APEX AGMs have been proven on thousands of pig runs and thousands of detections. From our industry leading rental fleet to our ILLI partners, our AGM hardware sets the standard.

## Advanced Sensors

Both the APEX AGM and APEX Vector boast class leading sensor technology. With up to 2 coils, a 3-axis ultra-low-noise geophone delivers precision vibration sensing for accurate pig detection, while 3-axis magnetic sensing provides spatial sensing to enhance detection accuracy and reduce false alarms.

## AGM hardware needs to be simple, reliable & accurate

We understand that pig runs can be complex, and stressful operations. With significant costs associated with each run, data needs to be accurately captured cleanly, effectively and accurately. Deployment, retrieval and data extraction is key to getting people home on time, with a successful run under their belts.



## Designed to get you home.

### Simple Field Deployment

Every single APEX AGM is designed for simple deployment in the field. Handy quick reference guides make deployment instructions easy.

### Reduced False Alarms

Proprietary algorithms filter out noise for more reliable results.

### Ultra-Long-Range Bluetooth

Seamlessly connects to make data transfers easy. Optionally sync with Windows, iOS, & Android devices for real-time tracking and simple setup.

### Optional Satellite Compatibility

Works with Iridium and Starlink Mini systems to ensure global connectivity.

SPECS	APEX AGM	APEX VECTOR
<b>Battery Life*</b>	144 hours - Active Mode 400 hours - Low Power  *Depends on Temperature, Cell Coverage and Electromagnetic Conditions	144 hours - Active Mode 400 hours - Low Power Mode up to 1 year - Hibernate Mode  *Depends on Temperature, Cell Coverage and Electromagnetic Conditions
<b>Power Options</b>	6 x D Cell Alkaline and External Power	12 AA batteries or rechargeable cartridge External power supported.
<b>Internal Storage</b>	Micro SD Card, 16 GB standard	Micro SD Card, 16 GB standard
<b>Devices Detected</b>	All EM frequencies, magnets plus Geophone sound, 22 Hz and 10-30 Hz	All EM frequencies, magnets, plus geophone sound Supports 22 Hz and 10-30 Hz detection
<b>Internal GPS</b>	3 m accuracy with GPS-based time stamping	3 m accuracy with GPS-based time stamping
<b>Temperature Range</b>	-40°C to +85 °C (-40°F to +185°F)	-40°C to +85 °C (-40°F to +185°F)
<b>Geophone</b>	External Connector and Internal Amplifier	Integrated 3-axis ultra-low-noise geophone and external geophone input with internal amplifier
<b>Connectivity</b>	Cellular LTE, Iridium Satellite , Bluetooth	Ultra-long-range Bluetooth with a 300-foot range, cellular LTE, Iridium satellite, compatible with Starlink Mini
<b>Detection Performance</b>	Increased range and reduced false alarms with advanced algorithms & machine learning integration via PigView Web	Increased range and reduced false alarms with advanced algorithms & machine learning integration via PigView Web

