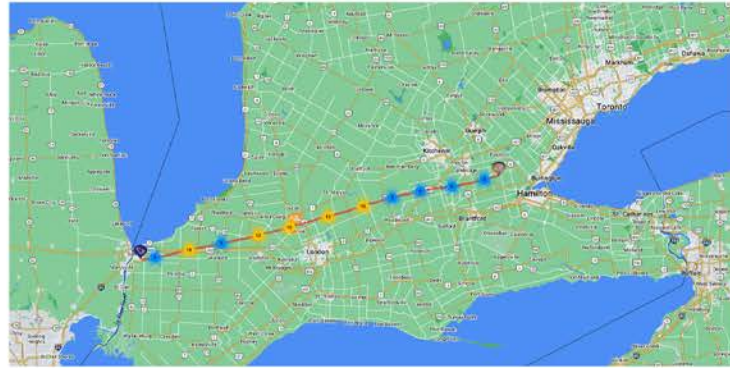


# CASE STUDY

## REVOLUTIONIZING PIPELINE MONITORING WITH THE **PATRIOT AGM** SYSTEM

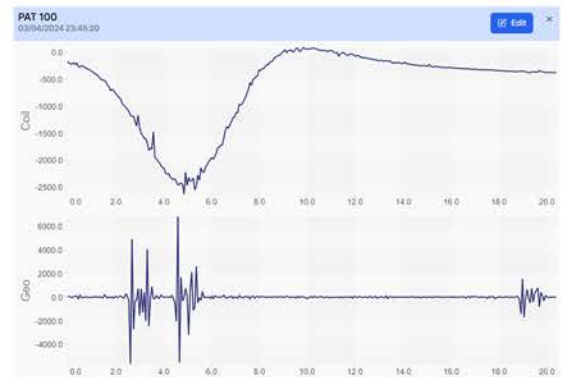


### INTRODUCTION

In the pipeline industry, ensuring the integrity and safety of pipeline systems is paramount. Traditional tracking methods are often challenged by a lack of real-time data, limited accuracy, and delayed response capabilities. In response, we are introducing the Patriot AGM as a complete solution system, a significant technological advancement designed to provide a comprehensive, real-time monitoring solution. The Patriot AGM delivers reliable, precise, and prompt pig tracking data that significantly mitigates interruptions to standard operations and shortens the duration between inspection procedures and the subsequent repairs of detected anomalies.

### CHALLENGE

Pipeline operators have long faced difficulties in obtaining precise and real-time tracking information. Environmental and safety risks, coupled with the high costs of pipeline failures, necessitate a robust and reliable monitoring system. The challenge lies in finding a solution that can deliver high-precision data while being adaptable to various pipeline conditions.



### SOLUTION

The Patriot AGM (PAT) system was developed as a cutting-edge tool designed to meet these needs. Featuring advanced geolocation tracking, real-time data transmission, and detailed analytics, the Patriot AGM system allows for unprecedented pipeline monitoring and management. Patriot AGM represents the hardware component of this innovative system, capturing critical data along the pipeline.



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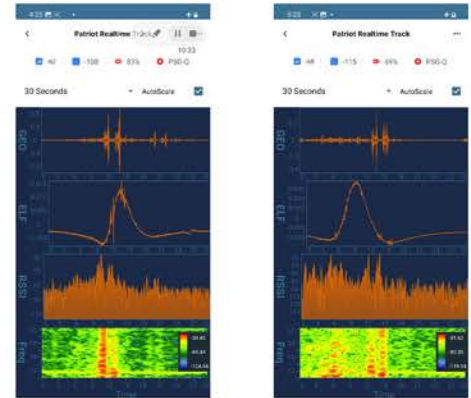
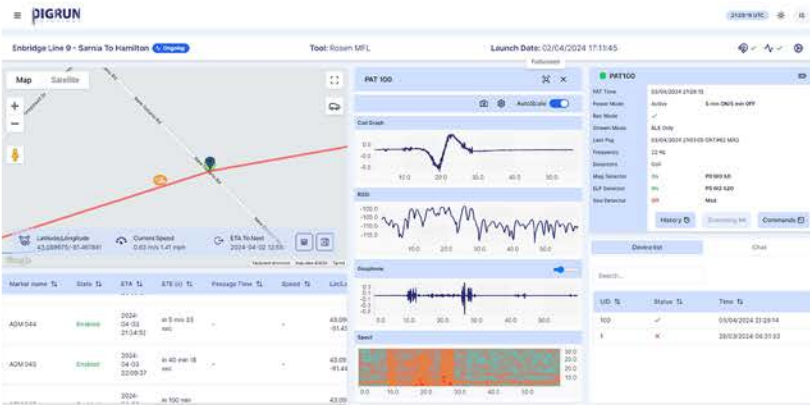
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## IMPLEMENTATION

The capability of the Patriot AGM system was put to the test on the Enbridge Line 9, stretching from Sarnia to Hamilton. The units were strategically deployed along the pipeline, providing continuous data streams. This enabled the operations team to monitor the system's integrity in real-time through precise location tracking.



## RESULTS

Data captured by the Patriot AGM system along Line 9 underscored the system's effectiveness. The detailed graphs and real-time feedback provided clear evidence of the system's responsiveness and precision. Operators were able to track operations in real-time, significantly reducing risks by pre-deploying units at strategic, remote locations. This strategic deployment not only simplified the tracking process, making it more straightforward and cost-effective, but also enhanced safety by minimizing the need for manual interventions in potentially hazardous areas, thereby enhancing the overall operational efficiency and safety.



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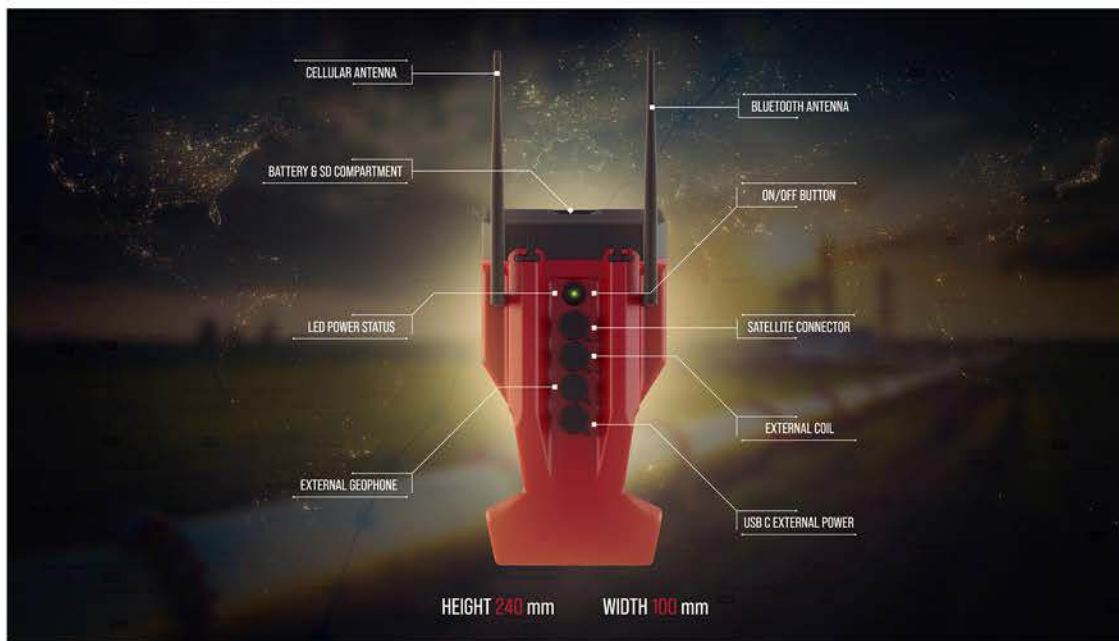
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## CONCLUSION

The successful deployment of Patriot AGM system along Line 9 has shown it to be a reliable and essential tool for modern pipeline monitoring. By providing detailed, real-time data, Patriot AGM system enhances operational efficiency, safety, and environmental protection.



## CALL TO ACTION

For pipeline operators looking to advance their monitoring capabilities, Patriot AGM system stands out as a proven solution. We invite interested parties to contact us for further information and to arrange a demonstration of the full Patriot AGM system in action.



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