

# Marine Asset Protection

We effectively mitigate risk associated with marine assets by providing effective monitoring and real-time alerting of vessel encroachment near high-value marine assets.



Marine Asset Protection by PortVision® Powered by Oceanengineering's expertise in marine asset integrity, PortVision provides an enterprise service designed to protect your marine asset portfolio 24/7/365.

- » Define the zones of interest. PortVision will create a VesselZone™ or "virtual fence" around each of your marine assets, whether pipelines, platforms, or other fixed infrastructure.
- » Define the encroachment rules. You may choose to receive a real-time alert every time a vessel slows or stops within the VesselZone or when a vessel transits within the zone above or below a certain speed.
- » Alert! Generate an automated alert sent to your operations team and, optionally, the vessel operator, when an encroachment is detected.
- » Report. Use PortVision's historical playback and reporting features to support training, compliance, or post-mortem analysis.

# Marine Asset Protection

## Improve your visibility and response time to subsea pipeline and platform encroachments

- » Receive real-time alerts of pipeline encroachments by any AIS-transmitting vessels, including inspected vessels and any vessel over 65 feet/300 gross tons.
- » Use PortVision from any computer or mobile device to gather information about the buffer zone violator.
- » Dispatch field inspectors immediately to mitigate risk to personnel and property.
- » Playback the encroachment incident to gain insight, support compliance and training, and hold parties accountable.



## Track identified buffer zone violators

- » Use PortVision to track violators as they enter or exit buffer zones.
- » Generate automated reports that provide information about vessel's interaction with buffer zones for recordkeeping.
- » Correlate pipeline or other asset damage with unauthorized encroachments.
- » Identify all inspected vessels that passed over the damage zone for up to the past five years.
- » Playback suspected vessel's passing of the damage zone to confirm encroachment.

## Take advantage of additional services and support

- » Incident response drills with GIS platforms, audio-visual technology, and data layers (feature service).
- » Active operational support in both marine exploration and production activities, supporting your incident response and operations teams.

## Getting started is easy

- » We work with your GIS/mapping team to upload your pipeline network into PortVision's Marine Asset Protection module.
- » Once loaded, we configure the system based on your encroachment criteria to alert your control center of unauthorized encroachments in real time.
- » We provide your team the necessary training to derive maximum benefit from the system.

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