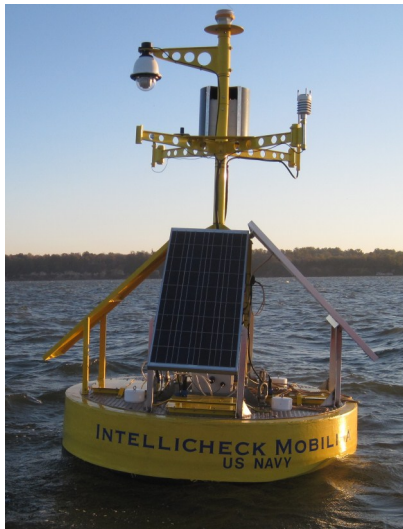


Aegeus

Wireless Buoy System

Product Introduction

Intellicheck Mobilisa's Aegeus (EE-GEE-US), a wireless buoy system, is intended for environmental and security applications. This multi-purpose system is capable of wirelessly connecting to buoys deployed throughout the coastal waters, and has networking capabilities designed to allow the upload and monitoring of data back on shore.



Outfitted with environmental sensors, this complex network of buoys communicates in real time current water conditions, marine weather, ship traffic and the presence of any number of environmental contaminants.

The Aegeus Buoy Project is a multi-purpose system with environmental and security applications. It uses Intellicheck Mobilisa's exclusive technology, and is:

- An anti-terrorism asset for Homeland Defense
- A deployable asset for providing fleet support
- An environmental asset that meets requirements for environmental protection

Buoy Capabilities

- Daytime Video Streaming
- Weather Conditions Monitoring
- Oil Spill Detection
- Radiation Hazard Detection
- Chemical/Biological Testing of the Air & Water
- Acoustic Monitoring
- Radar Intrusion Detection
- Infrared Imagery for Cover-of-Darkness Intrusion Monitoring
- 24/7/365 Monitoring and Support

INTELLICHECK  **MOBILISA**®

Leading the way in Identity and Wireless Solutions

Technical Overview

Dirty Bomb Detection

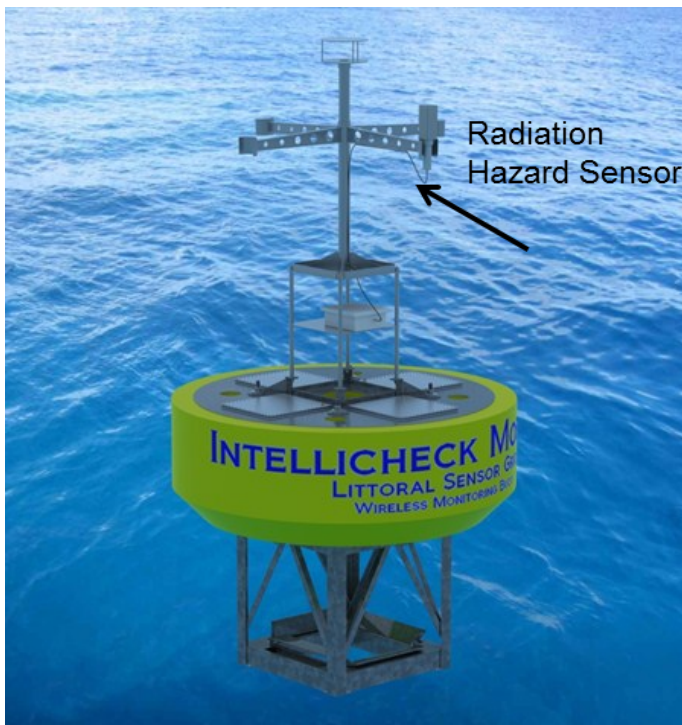
The Radiation Sensor is capable of detecting radiological threat agents, including radiological dispersal devices (“dirty bombs”) and radiological exposure devices (“silent bombs”), and distinguishing these malicious sources from acceptable radiation sources routinely found in the environment

Aegeus Buoy Network

The wireless buoy network is fully scalable to meet specific collection requirements. With our exclusive power augmentation, we are able to ensure extended power requirements, 24/7/365 operation, with minimal maintenance requirements.

Fabrication

Intellicheck Mobilisa boasts a full-service fabrication facility with highly trained engineers designing, implementing, and maintaining the latest technologies.



Buoy Sensor Platform

- Conductivity/Temperature
- Rapid Pulse DO
- pH or pH/ORP
- Salinity
- Nitrate-nitrogen, Ammonia/Ammonium-nitrogen or Chloride
- Turbidity
- Fluorescence Chlorophyll
- Blue Green Algae Phycoerythrin Fluorescence