SecureAccess

SecureBarrier

SecureDetect

SecureLight

SecureView

DSIT

PointShield™

The PointShield™ underwater zone security system is lightweight, mobile, sonar diver detection with a unique modular design that enables tailoring of the system to customer requirements and site specific geography.

This new, tough but light, diver detection system offers detection for even the most stealthy of targets, and can easily handle hundreds of targets simultaneously. PointShield™ offers a fully automatic mode of operation, very low maintenance requirements and high system reliability.
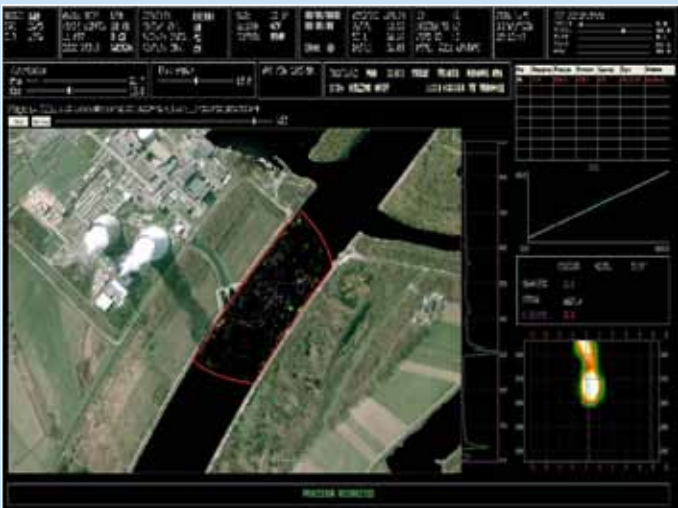
SecureDetect

PointShield™

FEATURES & BENEFITS

- Underwater unit is small, light-weight, and portable
- Simple to install and rapidly deployable
- Ideal for permanent or temporary installation
- Accurate detection at ranges up to 500 meters
- Tailored to detect threats of any size and target strength
- Can handle more than 1,000 contacts simultaneously
- Enables the investigation of targets using a zoom display
- Windows-based software with intuitive displays and menus
- Highly accurate positioning of threat
- Rapid update rate of tactical picture
- Continuous operation, in all climatic and water conditions
- The system is completely automatic
- No need for a full-time operator
- Very little maintenance required
- Easy to clean underwater or, alternatively, easy to remove from the water for cleaning
- System includes a Built-in-Test (BIT) function
- Multiple units can run simultaneously
- Open software architecture supports easy integration with any sensor
- Can be integrated into existing systems and control centers
- Sensors available in different coverage configurations:
     90°, 180°, 270°, and 360°

[PointShield™ DDS by DSIT Solutions]

APPLICATION

PointShield™ guards designated zones against underwater intrusion:
- Water intake areas
- Nuclear Power plants
- Energy terminals
- Naval & Marine bases
- Access points
- Commercial ports
- Offshore rigs
- Maritime vessels

Ideal installation options:
- Piers
- Tripod
- Mooring Pile
- Mobile

SPECIFICATIONS

Weight and dimensions of Underwater unit:
     Diameter: 0.3m, Height: 0.5m, Weight: 11-18 Kg
Output: beam data
Interface integration: LAN, TCP/IP
Display format: Sonar data, overlay & tactical picture
Recording & playback: Enabled
Detection range: up to 500m
Transmit/reception parameters:
     Source Level: 200 dB re 1µPa @ 1 meter
     Frequency: 120 KHz
     Transmission Modes: Pulse CW
     Pulse Width: 30 – 1800 µsec
     Range Accuracy: 0.2% of operating range
     Bearing Accuracy: 0.5°
     Vertical transmit & receive beam-width: 20°
     Vertical transmit DI: 10dB
     Horizontal receive DI: 12dB
     Horizontal receive beam width: 3° effective
     Range scale: Operator selectable

SAFEGUARDS TECHNOLOGY LLC

75 ATLANTIC STREET • HACKENSACK, NJ 07601

ph 201.488.1022 • fx 201.488.1244

www.safeguards.com • info@safeguards.com