



## **DSIT Solutions Ltd.**

[www.dsit.co.il](http://www.dsit.co.il)

Tel: +972 (0)3 531 3333

Fax: +972 (0)3 531 3322

[marketing@dsit.co.il](mailto:marketing@dsit.co.il)

DSIT develops Fiber Optic Sensing applications for long infrastructure monitoring as well as sonar and acoustic solutions for the naval, homeland security and commercial markets.

DSIT's **LightLine™** is an operational Fiber-Optic sensing solution for both Perimeter Intrusion Detection (PID) and Linear Infrastructure Monitoring (LIM) applications. DSIT's **LightLine™** Fiber-Optic Sensing system provides up to 50 km of continuous surveillance per fiber-optic processing unit based on its advanced DAS (Distributed Acoustic Sensing) technology. No power infrastructure is required along the fiber-optic cable, thus enabling long border and large critical infrastructure real-time monitoring.

DSIT's Vision is to be a leader in defense and security sensing systems for ground monitoring and underwater security. The company's **Shield™** family of diver detection sonars is noted for fully automatic operation, long-range detection to enable response and a record of operation in all water and weather conditions. DSIT's **Shield** systems are currently protecting naval bases, nuclear power plants, energy terminals, offshore platforms, borders and commercial ports around the world.

Other renowned solutions are the Blackfish Hull Mounted Sonar (HMS), Sonar Simulators and Full Mission Submarine Tactical Trainers, Underwater Acoustic Signal Analysis systems and Portable Acoustic Range which is used to accurately measure the radiated noise of ships and submarines.