

# MCPS - Maritime & Coastal Protection System

■ SFX-3320



**Safex**

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# MCPS - Maritime & Coastal Protection System

## ■ SFX-3320

### General

SAFEX, SFX-3320 provides all-weather comprehensive perimeter protection to a variety of sites, partially or completely surrounded by the sea, from threats emanating from sea or ground terrain.

The SFX-3320 system's sensors detect, locate, track and classify surface and sub-surface targets, such as vessels, boats, divers, vehicles or walking persons and relay this information to the Command & Control Center (CCC).

The command & control center creates and displays a complete situation awareness picture of the protected site. Upon identification of a threat an alert report is sent to security units so that relevant preventive measures can be taken.

The SFX-3320 system's open architecture is flexible and modular, tailoring solutions according to site and protection requirements.

### Features

- Continuous 24/7 operation under all weather conditions, even under low-visibility and rough sea
- Persistent ground surveillance and movement detection for land and sea
- Closed-loop operation with security units
- Easy to install, modular, tailored system
- Low false-alarm rate due to sensor fusion and advanced tracking algorithms
- High availability due to high redundancy
- Low-cost maintenance
- Command & control center, including training facility
- Growth potential
- Minimal manpower requirement

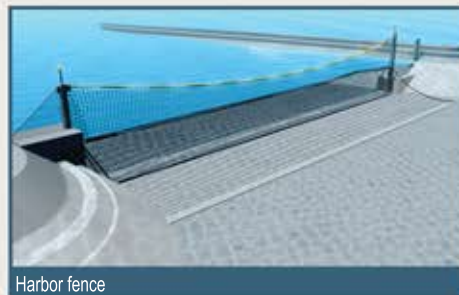
### Applications

Protection for:

- Harbors
- Strategic sites on the shore
- Oil and gas rigs
- Hydroelectric power plants
- Desalination plants
- Underwater pipelines
- Underwater communication cables
- Sites with sea-borders

### System Elements

- Command, control and operation center
- Sea and ground surveillance radars
- Day & night electro-optical observation cameras
- Diver detection sonar
- Underwater electronic net with penetration location indication
- Remotely controlled water gate for crossing vessels
- Water surface fence as physical barrier to stop vessel passage
- Data distribution system by radio communication
- Automatic identification system
- Weather station



Harbor fence



Coastal surveillance radar



Day & night E/O payload



Operator station



C4I display

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