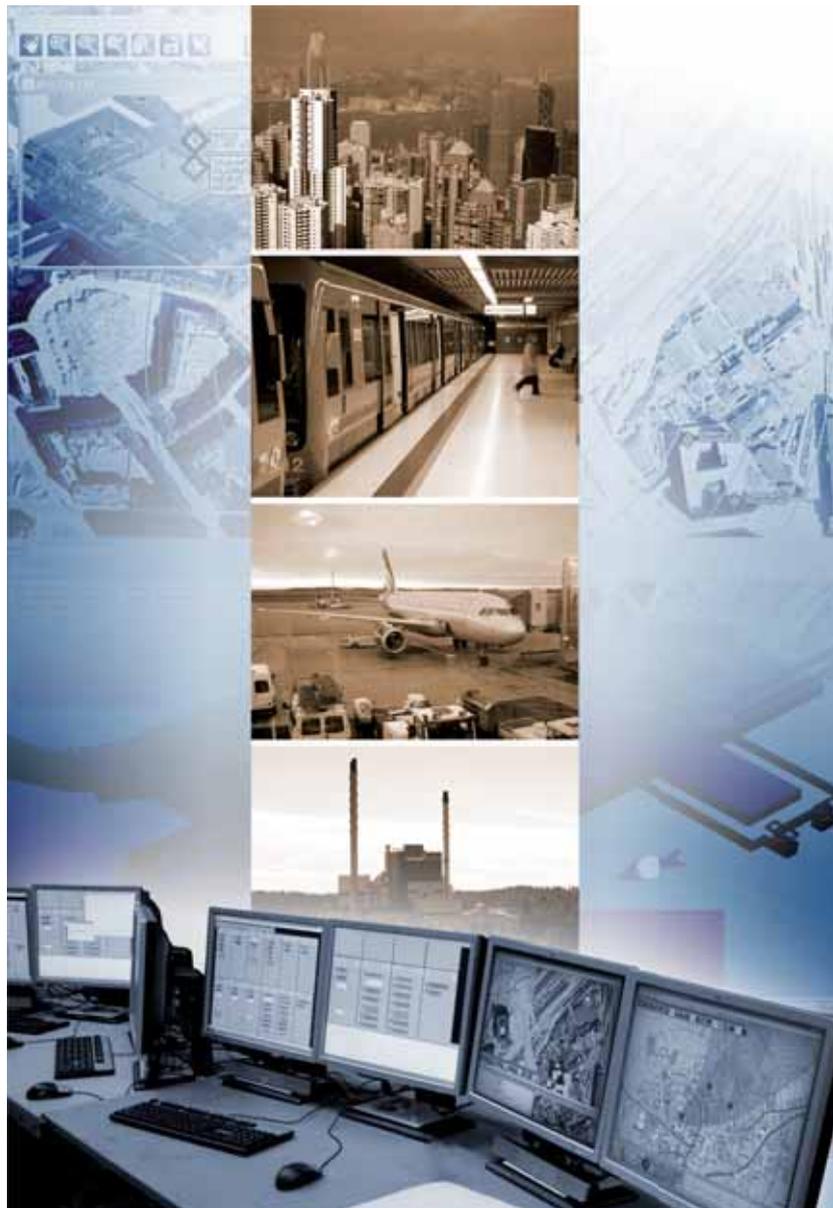# EnviScreen™ Realtime Environmental Security Systems

EnviScreen™
Safety Systems

Is one system against many threats

Risk of terrorist activity, chemical accidents and fires cause potential threat to the safety of buildings with high population or high security level. With the EnviScreen multisensor system, it is easy to control the safety of building or building complex including underground facilities due to its versatile communication options, including wireless, and real-time operation principle.
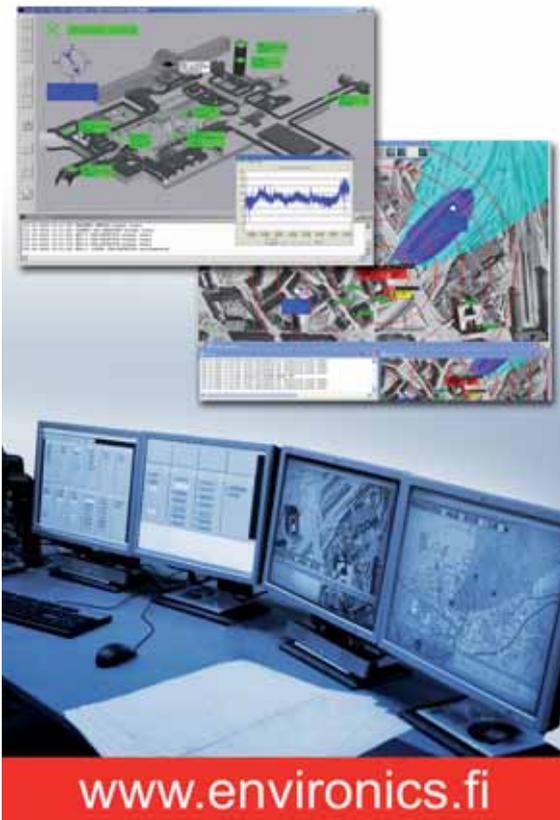
Guarantees CBRN Preparedness

EnviScreen utilizes state-of-art chemical (both TICs and CWAs) biological and radiological/nuclear (CBRN) detection technologies. System includes true real-time detection of CBRN threat as well as sophisticated simulation and training features.

Ensures Correct Emergency Management

Real-time air quality and ventilation air flow monitoring together with outside meteorological measurements enable correct and fast ventilation, manually or automatically. Online emergency instructions guide and support emergency managers to make correct decisions and action during critical time window.

Is used to Protect

- Governmental Buildings
- Airports
- Subways
- Shopping Centers
- Shelters
- Naval ships

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EnviScreen™
Software (Advanced, Basic and Lite)

EnviScreen Software are a GIS system designed for emergency and consequence management including safety and environmental monitoring based on realtime information. This software enables customized user interfaces that provide the operator with high level of situational awareness.

Supports Multiple Devices and Systems

With EnviScreen Software it is possible to create versatile and novel networks of different sensors, detectors, devices and systems. It is compatible with wide range of chemical, biological, radiological, nuclear, and meteorological sensors as well as with other devices and systems.

Provides System Integrations

Real-time emergency and consequence management requires information from several systems. EnviScreen Advanced integrates critical systems, such as CCTV, fire detection, ventilation, smoke removal and NBC filtration to one complete management system.

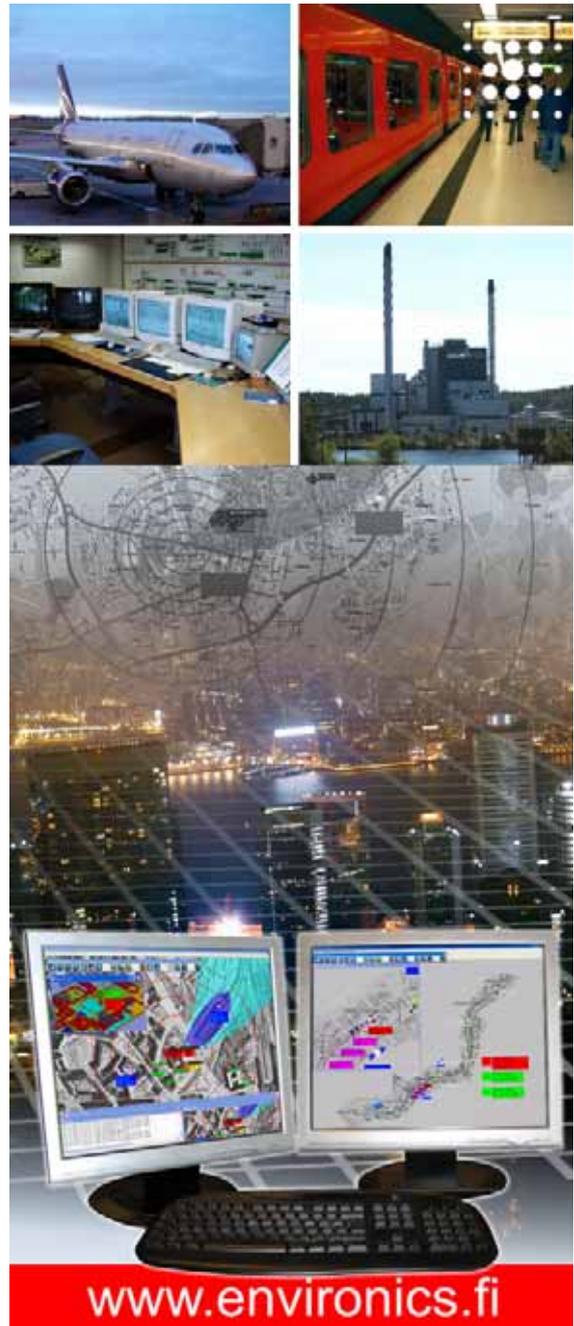### Enables Real-time Emergency Instructions

Online emergency instructions produced by EnviScreen System guide and support emergency managers to make correct decisions during critical time window. Additionally the system can include databases and other critical information.

Full Scale Simulation and Training

Detectors, sensors, devices and systems connected to the EnviScreen system can be simulated at any time. This enables full scale simulation of different scenarios and provides versatile training features.

Dispersion Modelling within Seconds

EnviScreen Advanced generates dispersion modeling based on real-time weather and chemical sensor information. With such a modeling it is very easy to determine contaminated areas and danger zones.

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EnviScreen™
Key Components

Bio100 Early Warning System

The Bio100 Early Warning System (Bio100 EWS) is a continuously-operating sensor designed to detect potentially harmful airborne biological agent releases and bio-threats.

The Bio100 operate as early warning detector of bio threat and is a key component of EnviScreen CBRN (Chemical, Biological and Radiological/ Nuclear) Monitoring System.

The Bio100 is cutting-edge security technology for seamless and transparent personnel and property protection.

ChemProFX

ChemProFX detector is based on Environics' field proven and tested ChemPro technology. Being the latest in state-of-the-art chemical detection and identification systems, the ChemProFX detects both chemical warfare agents (CWAs) and toxic industrial compounds (TICs) in harsh conditions and various applications.
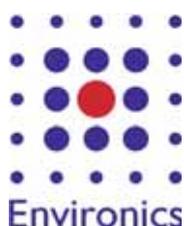
Master Module

The Master Module enables novel networking solutions and reliable data communication for safety and monitoring systems. Intelligent Master Module collects data from sensors and adapts it into TCP/IP network.

Enables Network of Various Sensors

With Master Module it is easy to build up detection and monitoring systems, such as CBRN (chemical, biological, nuclear and radiological) monitoring systems and environmental monitoring systems. Master Module adapts sensor data from wide range of different sensors and devices enabling both wireless and fixed solutions.

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Solutions for Security

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Environics

All operations in Environics have been audited and certified against **ISO 9001:2000** and **NATO AQAP 2110** standards.