

ADVANCED THREAT DETECTION SOLUTIONS FOR HOMELAND SECURITY



SOLUTIONS AVAILABLE

EXPLOSIVE THREAT DETECTION

CHEMICAL/BIOLOGICAL THREAT
DETECTION

RADIOLOGICAL/NUCLEAR THREAT
DETECTION

CBRNE THREAT DETECTION

DIRTY BOMBS DETECTION

NUCLEAR MATERIAL THEFT PREVENTION

VIDEO ANALYTICS FOR UNAUTHORISED
PRESENCE DETECTION

INVISIBLE FENCE FOR PERIMETER
DEFENSE

SECURITY SOLUTIONS THAT HELP FIGHT TERROR THREATS & SAVE LIVES

Defentect is pioneering a new era of threat detection technology providing a cost-effective means of terror threat detection for Homeland Security. It provides abilities to detect security threats, deter terrorists and defend critical areas of our cities and infrastructure.

It can be used to safeguard large facilities, public infrastructure, defense installations and market places from the threat of Improvised Explosive Devices (IED) Chemical, Biological agents and Nuclear radiological dispersal devices (RDDs) or dirty bombs.

Defentect provides continuous threat management, monitoring and alert messaging that is not dependent on the personal judgment of certain people.

DEFENTECT
WWW.DEFENTECT.COM

Defentect's security product portfolio consists of Sensor Based Threat Detection and Alert System (DM3), Virtual Perimeter Intrusion Detection Systems using Fiber Optics Technologies, and Advanced Video Analytics Solutions.

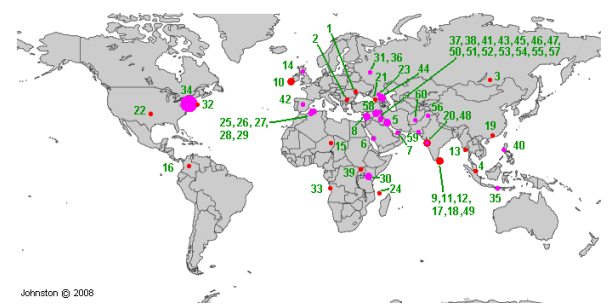
Defentect Advanced Security System for Homeland and Infrastructure Security is distributed and supported worldwide by Rapidsoft Systems, Inc., a leading IT Solutions company with presence in several countries.

Rapidsoft Systems is a IT Solutions, System Integration and IT Services company involved in developing security systems and other technologies. Rapidsoft Systems has offices in New Jersey US, Dubai, UAE in Middle East, and New Delhi, India.

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With Defentect's advanced security solutions, trained security personnel are out in the field patrolling, not sitting in a darkened room looking at a computer screens.

*Terrorism and security threats are everywhere today.
Governments need a reliable and integrated system
that works 24X7, 365 days a year.*



ABOUT DEFENTECT

WHAT IS DEFENTECT

DEFENTECT DEPLOYMENT

DEFENTECT INSTALLATION

TRAINING

RESPONSE SERVICES

Active & Continuous Threat Monitoring With Defentect

Defentect's DM3 gathers data from virtually any sensor which can live on a data network; then, using its proprietary algorithms, DM3 seeks and identifies anomalies in the data to determine threat perception and quickly notifies to those who should respond !

Defentect combines passive surveillance, and active alerts when a threat is detected. No special training or added security staff is required. DM3 is designed to overlay onto existing surveillance infrastructure.

DM3 is easily integrated with the full complement of data-based security systems, from stand-alone to enterprise-level solutions. Threat-even alerts are generated to multiple user accounts with various privileges.

WHAT IS DEFENTECT

Defentect is a management and alerting system which reacts to the detection of chemical, biological, radiological, nuclear and explosive ("CBRNE") threats. Defentect's proprietary technology detects the threat and immediately notifies key personnel and first responders so that appropriate action can be taken. The software platform is easily integrated with other sensors, making it attractive to many potential partners and manufacturers.

Basic version of Defentect consists:

- **DM3™ software**- A IP based messaging component that networks to third party sensors, providing administrative and configuration services for a variety of threat-event detection demands.
- **GT0™ Sensor Interface** - In a surveillance network GT0 provides a communications interface for connecting legacy, analog, non-networked and third party sensors to Defentect's DM3™ IP messaging system.
- **GT2™ Geiger-Muller Sensor and GT4™ Scintillator Sensor**- The two nuclear radiation detection sensors.
- **Video Cameras** – That can automatically rotate to the point where a radiological threat is detected without the need for human action.

Besides the above sensors Defentect has the capability to be integrated with 700 different types of sensors that can be used to detect explosives, chemical gases, biological agents, nuclear and radiological threats.

DEFENTECT DEPLOYMENT

Defentect should be deployed at IED, chemical and biological agents dirty bomb targets (i.e. public and government facilities; high-value and landmark targets; transportation infrastructure; commercial and financial centers, etc.) to create a much-needed layer of 24/7 public protection against terrorist threats.

Defentect product installation is appropriate at transit choke-points like toll plazas; tunnels; to

DEFENTECT INSTALLATION

THREAT & VULNERABILITY ASSESSMENT

- Start with a risk-based threat and vulnerability assessment (TAVA) of the asset.
- TAVA identifies highest level of protection possible for that asset.
- Work with the stakeholders to design an integrated CONOPS (Concept of Operations)

COMMISSIONING

- System commissioning involves installing the software & hardware
- Bringing the system online and challenging the system

TRAINING

- Defentect delivers training customized to the CONOPS and SOPs (Standard Operating Procedures)
- Field exercises are conducted to validate the CONOPS and verify the effectiveness of the training

RESPONSE SERVICES

- Defentect can develop and implement response protocols which may include building control system modifications.
- Our approach distinguishes hoaxes from real events and prevents disruption, while maximizing protection of occupants and physical assets.

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