

# **World Explosive Trace Detection (ETD) Technologies Market 2013-2023**

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## **Abstracts**

The threat of explosive devices to governments, private companies and the public continues to drive the explosive detection market. The maturation of such devices has led to their adoption worldwide as a counter to this. Screening requirements have driven the market forward with large purchases from governments and aviation authorities. However, there are significant barriers to continued year-on-year growth, notably due to moves towards risk-based screening and reductions in procurement budgets worldwide. A broadening of the demand base will partially mitigate this. Visiongain has determined that the value of the global explosive trace detection (ETD) technologies market in 2013 will reach \$830m.

## **Why you should buy World Explosive Trace Detection (ETD) Technologies Market 2013-2023**

Stay ahead with this comprehensive analysis of the explosive trace detection technologies market prospects

The report comprises 145 pages

Get ahead by studying highly quantitative content that delivers solid conclusions benefiting your research and analysis

116 tables, charts, and graphs quantifying and forecasting the explosive trace detection market

Read exclusive expert opinion interviews from industry specialists informing the analysis

## Vaporsens

### Implant Sciences

View global explosive trace detection technologies market forecasts from 2013-2023 to keep your knowledge one step ahead of the competition

The report provides an analytical overview with detailed sales projections and analysis of the explosive trace detection technologies market, the competitors, and the commercial drivers and restraints.

Keep informed about the potential for each of the explosive trace detection technologies end user submarkets with forecasts from 2013-2023

Law enforcement end-user forecast 2013-2023

Cargo & Transport end-user forecast 2013-2023

Military end-user forecast 2013-2023

Threat Infrastructure end-user forecast 2013-2023

Civil End-user forecast 2013-2023

Learn about the potential for each of the explosive trace detection technologies products & service types with submarkets forecasts from 2013-2023

Handheld ETD procurement forecast 2013-2023

Desktop ETD procurement forecast 2013-2023

Kit ETD procurement forecast 2013-2023

Fixed ETD procurement forecast 2013-2023

R&D forecast 2013-2023

ETD Consumables forecast 2013-2023

## ETD Servicing & Operation forecast 2013-2023

Learn about the opportunities in the 10 leading explosive trace detection markets with forecasts between 2013-2023

US forecast 2013-2023

China forecast 2013-2023

India forecast 2013-2023

UK forecast 2013-2023

Brazil forecast 2013-2023

Russia forecast 2013-2023

Mexico forecast 2013-2023

Nigerian forecast 2013-2023

Iraq forecast 2013-2023

Afghanistan forecast 2013-2023

RoW forecast 2013-2023

Understand the competitive landscape with profiles and market share data of the 10 leading explosive trace detection companies with analysis examining their positioning, products, services, focus, strategies and outlook.

Smith's Detection

Morpho Detection

FLIR Systems

Implant Sciences

Scintrex Trace

NucTech

Sibel

RedXDefense

Rapiscan

L-3

Discover the qualitative analysis informing the market forecasts

SWOT analysis of competitive factors: strengths, weaknesses, opportunities and threats revealing what drives and restrains the explosive trace detection industry and the prospects for established companies and new market entrants.

### **What makes this report unique?**

Visiongain consulted widely with industry experts and a full transcript from Ben Rollins the CEO of Vaporsens, and Brad Chase the Marketing Director of Implant Sciences, are included with this report. As such, our reports have a unique blend of primary and secondary sources providing informed analysis. This methodology allows insight into the key drivers and restraints behind market dynamics and competitive developments, as well as identifying the technological and operational issues. The report therefore presents an ideal balance of qualitative analysis combined with extensive quantitative data including global, submarket and regional markets forecasts from 2013-2023 - all identifying strategic business opportunities within the explosive trace detection sector.

### **How the World Explosive Trace Detection (ETD) Technologies Market 2013-2023 report can benefit you**

Visiongain's report is for anyone requiring analysis of the explosive trace detection market. You will discover market forecasts, technological trends, predictions and expert opinion providing you with independent analysis derived from our extensive primary and

secondary research. Only by purchasing this report will you receive this critical business intelligence revealing where revenue growth is likely and where the lucrative potential market prospects are. If you buy our report today your knowledge will stay one step ahead of your competitors. Discover how our report could benefit your research, analyses and strategic decisions, saving you the most valuable commodity of all in a dynamic and ever-changing marketplace - time. To gain an understanding of how to tap into the potential of this market and keep one step ahead of the competition order our report on the World Explosive Trace Detection (ETD) Technologies Market 2013-2023 today.

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## **COMPANIES LISTED**

American Innovations

Appealing Products

Autoclear

BAE Systems

BioSensor Applications

British Airways

Chemimage

Chemring

ChemSee

Chemspectra

CSECO

Darley Defense

DetectaChem

DSA Detection

Electronic Sensor Technology

Field Forensics

FLIR

GE Homeland Protection

GE Security

Hitachi

Identa

Implant Sciences



Inscentinel  
Ketech Defence  
L-3  
Law Enforcement Associates  
Lindon Defence  
Microsilver  
Mistral Security  
Morpho Detection  
Northwest Airlines  
Nuctech  
OSI Systems  
PKI  
Plexus Scientific  
Princeton Security Technologies  
Quantitech  
Quasar Federal Systems  
Rapiscan  
Raptor Detection Tech  
REDXDefence  
Safran  
SAIC  
Scanna  
Scanna MSC  
Scent Detection Technologies  
ScentLogix  
Scintrex Trace  
SIBEL  
Smiths Detection  
Smiths Group  
Spectrafluidics  
Thermoscientific  
TraceTech Security  
Vantage Integrated Security Solutions  
Vaporsens  
Veteran Corps of America  
Westminster International  
Xplosafe

## **ORGANISATIONS MENTIONED IN THIS REPORT**

Afghan National Army  
Afghan National Security Forces  
Airport Authority of India (AAI)  
American Civil Liberties Union (ACLU)  
British Army  
Bureau of Civil Aviation Security (India)  
Cabinet Committee on Security (India)  
Canadian Air Transport Security Authority (CATSA)  
China Ministry of Railways  
Chinese Police Service (CPS)  
Chinese Transport Authority (CTA)  
Civil Aviation Administration of China (CAAC)  
European Union (EU)  
Hong Kong International Airport  
Indian Central Industrial Security Force (ICISF)  
International Air Transport Association (IATA)  
International Civil Aviation Organisation (ICAO)  
Japanese Nuclear Authority (JNA)  
Killeen Fort Hood Regional Airport  
Manchester Airport Group  
Nigerian Police HQ  
Northeastern University  
Summit NW  
Tsinghua University  
UK Customs  
UK Department for Transport (DfT)  
University of Arizona  
University of Utah  
US Army  
US Congress  
US Defence Advanced Research Projects Agency (DARPA)  
US Department of Defense (DoD)  
US Department of Homeland Security (DHS)  
US Federal Aviation Administration (FAA)  
US Government Accountability Office (GAO)  
US Joint Improvised Explosive Device Defeat Organisation (JIEDDO)  
US National Nuclear Security Agency (NNSA)  
US Naval Research Lab

US Navy

US Sandia National Laboratories (SNL)

US Science and Technology Directorate, Department of Homeland Security (S&T)

US Transport Security Administration (TSA)

## About

### Leading Companies in the Explosive Trace Detection Market

It is difficult to determine the level of revenues derived solely from ETD screening technologies, since company reports generally include EDS as well as ETD, and most incumbent firms are involved in the production of both. Therefore, this list does not seek to determine market share, but provide an overview of the major companies within the sector. It is also important to note that the majority of companies listed in the top ten do not produce ETD kit devices.

This is for two reasons. Firstly, the type of technology used in kit devices – colorimetric – is significantly different than the more advanced technology required of other ETD devices. Secondly, the profit margins of Kit type devices are wafer thin due to low barriers to entry, and therefore do not present sufficient earnings potential for larger enterprises. The market for ETD kits mostly comprises a large number of SME's. The businesses involved in the ETD market are mostly larger enterprises. The procurement strategies of the US DoD in particular can help to explain this discrepancy, since the DoD can restrict procurement contracts to SME's. It has done this in order to foster healthy competition, and this goal can be considered extremely successful given that there are dozens of firms that produce such products, and a partial list is included at the end of this section.

### Safran / Morpho Detection

Safran is a French conglomerate involved in defence, aerospace propulsion and equipment, and security. It was formed as a result of a merger between SNECMA, the propulsion and aerospace equipment group, and the defence conglomerate SAGEM. The company's headquarters are located in Paris. Through Morpho Detection, the subsidiary working in security technologies, Safran operates three distinct submarkets covering identification, e-documents and detection. Systems included in the identification submarket consist of automated fingerprint identification and identity management. In 2011 the company finalised its acquisition of L1 Identity Solutions for \$1.09bn as part of a plan to expand its market share in biometric technologies, access control and secure ID document businesses. Safran is also a leading provider of detection equipment which includes computed tomography systems, Raman spectroscopy, trace detection technology and xray systems and the company lays claim to the fact that it has installed over 12,000 trace detection systems around the world.

Morpho is involved in all ETD product areas and produces complete solutions for screening requirements. Their product range includes multi-biometric technologies, smart cards, secure transaction technologies and identity management solutions in addition to explosives detection systems. In 2009, Morpho acquired 81% of GE Security, also known as GE Homeland Protection, making it one of the largest suppliers of ETD to the US TSA.

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