

Radiation Detection In Domestic Security and Military Markets, 2015-2022

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Abstracts

The security and military sectors are two of the fastest-growing areas for radiation detection, attracting heavy investments at the present time. One obvious factor is the supposed increase in terrorist activity, and a need for monitoring and control aided by radiation monitors deployed at strategic positions for a number of protective or preventative goals. These include confiscating illicit radioactive materials, maintaining tabs on emitted rays from known sources, and measuring radiation in the aftermath of terrorist activities.

Among the trends driving this sector are radiation portal monitors and radiation detection devices that are more portable, from installing in vehicles (including helicopters and even submarines) to backpack units. These are giving rise to new detector designs that emphasize flexibility and speed, as well as improvements in related information systems. We see opportunities in progress toward true portable spectroscopy, new and improved detector technologies including nanomaterials, and integrated networking systems.

In this report, we explore the revenue potential for radiation detection in domestic security and military contexts, from personal radiation detection to fixed installations in airborne and maritime transports. We also analyze the products and marketing strategies of the leading suppliers of radiation detection equipment in these markets. This report includes granular eight-year forecasts (volume and value) broken out by device types and world region.

Contents

CHAPTER ONE: INTRODUCTION

- 1.1 Background to this Report
 - 1.1.1 Trends in Radiation Detection in Domestic Security and Military
 - 1.1.2 Regional Growth Trends
- 1.2 Objective and Scope of this Report
- 1.3 Methodology of this Report
- 1.4 Plan of this Report

CHAPTER TWO: MARKETS FOR RADIATION DETECTION IN DOMESTIC SECURITY

- 2.1 Domestic Security
 - 2.1.1 Ports of Call: Detectors in Civilian Areas
 - 2.1.2 First Responders: Police, Fire and Ambulance
- 2.2 Types of Radiation Detectors Used for Domestic Security
 - 2.2.1 Portable Survey Meters
 - 2.2.2 Personal radiation detectors (PRD)
 - 2.2.3 Handheld Dosimeters
 - 2.2.4 Backpack-based Radiation Detection Systems (BRDs)
- 2.3 R&D Trends
 - 2.3.1 Peripheral Technologies
 - 2.3.2 Smaller Handheld Devices
 - 2.3.3 Spectrometer vs. Identifier: What's in a Name?
 - 2.3.4 Life After Helium-3: New Detector Materials

CHAPTER THREE: MARKETS FOR RADIATION DETECTION IN THE MILITARY

- 3.1 Military Threats and the Need for Radiation Detection
- 3.2 Types of Radiation Detectors Used by the Military
 - 3.2.1 Pocket-type Instruments
 - 3.2.2 Hand-held Instruments
 - 3.2.3 Fixed, Installed, Automatic Instruments
 - 3.2.4 Vehicle-Mounted Radiation Detectors
- 3.3 R&D Trends
 - 3.3.1 Having it All: Effectiveness, Reliability, Low Cost
 - 3.3.2 Higher Sensitivity

- 3.3.3 Nanotechnology Arrives
- 3.4 Key Points from this Chapter

CHAPTER FOUR: KEY COMPANIES TO WATCH IN RADIATION DETECTION FOR DOMESTIC SECURITY AND MILITARY OPERATIONS

- 4.1 Supply Structure for Radiation Equipment for Domestic Security
- 4.2 Canberra
- 4.3 Saphymo/Bertin Technologies
 - 4.3.1 Bertin Acquisition
- 4.4 Nuctech
- 4.5 Thermo Fisher Scientific
- 4.6 Smiths Group
- 4.7 FLIR Systems
- 4.8 Rapiscan
- 4.9 Mirion Technologies
- 4.10 Baltic Scientific
- 4.11 Arrow-Tech
- 4.12 Safran/Morpho
- 4.13 Leidos
- 4.14 Berkeley Nucleonics Corporation
- 4.15 Ludlam Measurements

CHAPTER FIVE: EIGHT-YEAR FORECASTS OF RADIATION DETECTION EQUIPMENT USED IN DOMESTIC SECURITY AND MILITARY APPLICATIONS

- 5.1 Eight-Year Forecasts of Radiation Detection Equipment Used in Domestic Security
 - 5.1.1 Data and Market Potential Estimates
 - 5.1.2 Market by Type of Detector
 - 5.1.3 Eight-Year Market for Radiation Detectors
- 5.2 Eight-Year Forecasts of Radiation Detection Equipment Used by the Military Market Assumptions
 - 5.2.1 Assumptions
- 5.3 Forecast of Radiation Detection Equipment in Domestic Security/Military Markets Considered as Part of the Global Radiation Detection Market
- 5.4 Forecast of Domestic Security/Military Radiation Detection Equipment Markets by Region/Country
 - 5.4.1 North America
 - 5.4.2 Europe

5.4.3 BRICs

5.4.4 East Asia

ACRONYMS AND ABBREVIATIONS USED IN THIS REPORT

About

ABOUT THE AUTHOR

List Of Exhibits

LIST OF EXHIBITS

- Exhibit 1-1: Radiation Detectors: Selected Market Opportunities.
- Exhibit 2-1: Important Materials for Scintillating Detectors.
- Exhibit 3-1: Developments in QDs Production and Nanosensor Utilization.
- Exhibit 5-1: The Market for Radiation Detectors for Domestic Security.
- Exhibit 5-2: The Market for Radiation Detectors for Military Applications.
- Exhibit 5-3: Domestic Security/Military Radiation Detection Markets as Part of Total Radiation Detection Markets, by Type of Detector (\$ Millions)
- Exhibit 5-4: Radiation Detectors by Market Segment (\$ Millions)
- Exhibit 5-5: Market Share of Safety/Security Detectors by Region (Percent)
- Exhibit 5-6: Market Size of Safety/Security Detectors by Region (\$Millions)

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