

# Global Gunshot Detection Systems Market to Reach USD 2.51 Billion by 2032

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## Abstracts

The Global Gunshot Detection Systems Market is valued at approximately USD 0.92 billion in 2023 and is projected to expand at a CAGR of 11.80% over the forecast period 2024-2032. With the rising incidents of firearm-related violence and increasing threats to public security, law enforcement agencies and military forces are prioritizing the deployment of advanced gunshot detection technologies. These systems use acoustic sensors and sophisticated algorithms to detect, locate, and respond to gunfire incidents in real time, enabling rapid intervention and mitigation of threats. Growing concerns regarding homeland security, combined with investments in smart city surveillance solutions, have driven the adoption of gunshot detection systems across urban landscapes, critical infrastructures, and military bases.

Governments worldwide are integrating AI-powered gunshot detection systems with existing security infrastructure to enhance threat response capabilities. The rising prevalence of mass shootings, terrorist activities, and cross-border conflicts has further intensified the demand for these solutions. Advanced sensor networks, coupled with cloud-based analytics and IoT-driven surveillance, are revolutionizing the market, allowing authorities to pinpoint gunfire locations with greater accuracy and efficiency. Additionally, subscription-based gunshot detection services are gaining traction, offering cost-effective solutions to municipalities, security firms, and commercial enterprises looking to bolster their emergency response mechanisms. However, challenges such as high installation costs, integration complexities, and concerns about false positives may pose hurdles to widespread adoption.

The regional analysis of the Gunshot Detection Systems Market highlights North America as a dominant player, primarily driven by government-backed law enforcement modernization initiatives and significant investments in smart policing technologies. The

United States, in particular, has witnessed a surge in urban security deployments, with cities adopting AI-based surveillance solutions for enhanced public safety. Meanwhile, Europe is emerging as a key market, fueled by anti-terrorism measures and increasing investments in border security infrastructure. Asia-Pacific (APAC) is projected to experience the fastest growth, with rising demand from defense organizations, counterterrorism units, and smart city projects in countries like India, China, and Japan. Additionally, regions such as the Middle East & Africa are seeing increased adoption, driven by military modernization efforts and growing threats of insurgency.

#### Major Market Players Included in This Report:

Raytheon Technologies Corporation

ShotSpotter, Inc.

Thales Group

Rheinmetall AG

BAE Systems plc

Leonardo S.p.A.

Safran Group

Elbit Systems Ltd.

QinetiQ Group plc

Battelle Memorial Institute

TruHearing Technologies Inc.

Databuoy Corporation

CILAS (ArianeGroup)

Shooter Detection Systems LLC

Louroe Electronics

The Detailed Segments and Sub-Segment of the Market Are Explained Below:

By Installation:

Fixed Installation

Vehicle Mounted

Soldier Mounted System

By Solution:

System

Subscription-based Gunshot Detection Services

By Application:

Defense & Military

Law Enforcement

Commercial & Civilian

By End User:

Homeland Security Agencies

Smart Cities & Municipalities

Critical Infrastructure & Corporate Security

## By Region:

### North America:

U.S.

Canada

### Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

### Asia Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

## Latin America:

Brazil

Mexico

Rest of Latin America

## Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Years Considered for the Study:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

## Key Takeaways:

Market Estimates & Forecast for 10 years (2022-2032)

Annualized revenue insights and regional-level analysis for each market segment

Comprehensive geographical analysis, including country-level insights for major regions

Competitive landscape analysis covering major players, market share, and strategic initiatives

In-depth evaluation of business strategies, technological innovations, and market

dynamics

Demand-side and supply-side analysis, emphasizing emerging industry trends

## Contents

### **CHAPTER 1. GLOBAL GUNSHOT DETECTION SYSTEMS MARKET EXECUTIVE SUMMARY**

- 1.1. Global Gunshot Detection Systems Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Installation
  - 1.3.2. By Solution
  - 1.3.3. By Application
  - 1.3.4. By End User
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL GUNSHOT DETECTION SYSTEMS MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory Frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

## **CHAPTER 3. GLOBAL GUNSHOT DETECTION SYSTEMS MARKET DYNAMICS**

### **3.1. Market Drivers**

3.1.1. Rising Incidents of Firearm-Related Violence and Public Security Threats

3.1.2. Increasing Investments in Smart City Surveillance and Law Enforcement Modernization

3.1.3. Advancements in AI-Powered Acoustic Sensor and Analytics Technologies

### **3.2. Market Challenges**

3.2.1. High Installation Costs and Integration Complexities

3.2.2. Concerns Over False Positives and System Reliability

### **3.3. Market Opportunities**

3.3.1. Expansion Through Subscription-Based Detection Services

3.3.2. Growth in Deployment of IoT-Driven Sensor Networks

3.3.3. Increasing Demand for Real-Time, Cloud-Based Threat Response Systems

## **CHAPTER 4. GLOBAL GUNSHOT DETECTION SYSTEMS MARKET INDUSTRY ANALYSIS**

### **4.1. Porter's 5 Force Model**

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model

4.1.7. Porter's 5 Force Impact Analysis

### **4.2. PESTEL Analysis**

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.2.5. Environmental

4.2.6. Legal

### **4.3. Top Investment Opportunities**

### **4.4. Top Winning Strategies**

### **4.5. Disruptive Trends**

### **4.6. Industry Expert Perspective**

### **4.7. Analyst Recommendation & Conclusion**



## **CHAPTER 5. GLOBAL GUNSHOT DETECTION SYSTEMS MARKET SIZE & FORECASTS BY INSTALLATION 2022-2032**

### 5.1. Segment Dashboard

### 5.2. Global Gunshot Detection Systems Market: Installation Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 5.2.1. Fixed Installation

#### 5.2.2. Vehicle Mounted

#### 5.2.3. Soldier Mounted System

## **CHAPTER 6. GLOBAL GUNSHOT DETECTION SYSTEMS MARKET SIZE & FORECASTS BY SOLUTION 2022-2032**

### 6.1. Segment Dashboard

### 6.2. Global Gunshot Detection Systems Market: Solution Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 6.2.1. System

#### 6.2.2. Subscription-based Gunshot Detection Services

## **CHAPTER 7. GLOBAL GUNSHOT DETECTION SYSTEMS MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

### 7.1. Segment Dashboard

### 7.2. Global Gunshot Detection Systems Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 7.2.1. Defense & Military

#### 7.2.2. Law Enforcement

#### 7.2.3. Commercial & Civilian

## **CHAPTER 8. GLOBAL GUNSHOT DETECTION SYSTEMS MARKET SIZE & FORECASTS BY END USER 2022-2032**

### 8.1. Segment Dashboard

### 8.2. Global Gunshot Detection Systems Market: End User Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 8.2.1. Homeland Security Agencies

#### 8.2.2. Smart Cities & Municipalities

#### 8.2.3. Critical Infrastructure & Corporate Security

## **CHAPTER 9. GLOBAL GUNSHOT DETECTION SYSTEMS MARKET SIZE & FORECASTS BY REGION 2022-2032**

- 9.1. North America Gunshot Detection Systems Market
  - 9.1.1. U.S. Gunshot Detection Systems Market
    - 9.1.1.1. By Segment breakdown & forecasts, 2022-2032
    - 9.1.1.2. By End User breakdown & forecasts, 2022-2032
  - 9.1.2. Canada Gunshot Detection Systems Market
- 9.2. Europe Gunshot Detection Systems Market
  - 9.2.1. UK Gunshot Detection Systems Market
  - 9.2.2. Germany Gunshot Detection Systems Market
  - 9.2.3. France Gunshot Detection Systems Market
  - 9.2.4. Spain Gunshot Detection Systems Market
  - 9.2.5. Italy Gunshot Detection Systems Market
  - 9.2.6. Rest of Europe Gunshot Detection Systems Market
- 9.3. Asia Pacific Gunshot Detection Systems Market
  - 9.3.1. China Gunshot Detection Systems Market
  - 9.3.2. India Gunshot Detection Systems Market
  - 9.3.3. Japan Gunshot Detection Systems Market
  - 9.3.4. Australia Gunshot Detection Systems Market
  - 9.3.5. South Korea Gunshot Detection Systems Market
  - 9.3.6. Rest of Asia Pacific Gunshot Detection Systems Market
- 9.4. Latin America Gunshot Detection Systems Market
  - 9.4.1. Brazil Gunshot Detection Systems Market
  - 9.4.2. Mexico Gunshot Detection Systems Market
  - 9.4.3. Rest of Latin America Gunshot Detection Systems Market
- 9.5. Middle East & Africa Gunshot Detection Systems Market
  - 9.5.1. Saudi Arabia Gunshot Detection Systems Market
  - 9.5.2. South Africa Gunshot Detection Systems Market
  - 9.5.3. Rest of Middle East & Africa Gunshot Detection Systems Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Key Company SWOT Analysis
  - 10.1.1. Raytheon Technologies Corporation
  - 10.1.2. ShotSpotter, Inc.
  - 10.1.3. Thales Group
- 10.2. Top Market Strategies
- 10.3. Company Profiles

- 10.3.1. Raytheon Technologies Corporation
  - 10.3.1.1. Key Information
  - 10.3.1.2. Overview
  - 10.3.1.3. Financial (Subject to Data Availability)
  - 10.3.1.4. Product Summary
  - 10.3.1.5. Market Strategies
- 10.3.2. ShotSpotter, Inc.
- 10.3.3. Thales Group
- 10.3.4. Rheinmetall AG
- 10.3.5. BAE Systems plc
- 10.3.6. Leonardo S.p.A.
- 10.3.7. Safran Group
- 10.3.8. Elbit Systems Ltd.
- 10.3.9. QinetiQ Group plc
- 10.3.10. Battelle Memorial Institute
- 10.3.11. TruHearing Technologies Inc.
- 10.3.12. Databuoy Corporation
- 10.3.13. CILAS (ArianeGroup)
- 10.3.14. Shooter Detection Systems LLC
- 10.3.15. Louroe Electronics

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process
  - 11.1.1. Data Mining
  - 11.1.2. Analysis
  - 11.1.3. Market Estimation
  - 11.1.4. Validation
  - 11.1.5. Publishing
- 11.2. Research Attributes

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