

# Global Mining Collision Avoidance System Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Mining Collision Avoidance System market size was valued at US\$ 1919 million in 2024 and is forecast to a readjusted size of USD 2480 million by 2031 with a CAGR of 4.1% during review period.

The Mining Collision Avoidance System is a safety technology system designed specifically for mining operations. It aims to reduce the risk of collisions between equipment, vehicles and personnel in mines through real-time monitoring and data analysis. The system integrates a variety of sensors and monitoring equipment, such as radar, LiDAR, cameras, ultrasonic sensors and GPS positioning systems, which can collect environmental data in real time and analyze potential collision risks. Through dynamic monitoring of various types of equipment, vehicles and personnel in the mining area, when the system detects the danger of an impending collision, it will immediately sound an alarm or automatically take measures, such as slowing down, stopping, turning or parking, thereby effectively preventing accidents. The mining collision avoidance system not only improves the safety of mining operations, but also reduces equipment damage, improves work efficiency, and protects the lives of operators.

This report is a detailed and comprehensive analysis for global Mining Collision Avoidance System market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

## Key Features:

Global Mining Collision Avoidance System market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Mining Collision Avoidance System market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Mining Collision Avoidance System market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Mining Collision Avoidance System market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2020-2025

## The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Mining Collision Avoidance System

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Mining Collision Avoidance System market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Epiroc, TORSA, Hexagon, Carroll Technologies, Wabtec, Sandvik, Schauenburg Systems, RAMJACK, Inpixon, SICK Ltd, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Mining Collision Avoidance System market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and

value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Radar Technology

GPS Technology

Others

#### Market segment by Application

Underground Mines

Open-pit Mine

#### Major players covered

Epiroc

TORSA

Hexagon

Carroll Technologies

Wabtec

Sandvik

Schauenburg Systems

RAMJACK

Inpixon

SICK Ltd

Micromine

Newtrax

Becker Mining

Matrix Design Group

Strata Worldwide

Jannatec Technologies

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Mining Collision Avoidance System product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Mining Collision Avoidance System, with price, sales quantity, revenue, and global market share of Mining Collision Avoidance System from 2020 to 2025.

Chapter 3, the Mining Collision Avoidance System competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Mining Collision Avoidance System breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Mining Collision Avoidance System market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Mining Collision Avoidance System.

Chapter 14 and 15, to describe Mining Collision Avoidance System sales channel, distributors, customers, research findings and conclusion.

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