

# Asia Pacific X-ray Security Screening Market Size study, by Application (People Screening, Product Screening) by End-use (Transit, Commercial, Government) and Country Forecasts 2022-2032

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## Abstracts

Asia Pacific X-ray Security Screening Market is valued approximately USD 977.94 million in 2023 and is anticipated to grow with a healthy growth rate of more than 9.91% over the forecast period 2024-2032. X-ray security screening is a crucial process deployed across various settings to bolster security measures and detect potential threats or prohibited items. It involves the use of X-ray technology to inspect objects, luggage, and even individuals for hidden or dangerous items that pose a risk. In places such as airports, government facilities, and border crossings, baggage and luggage are passed through X-ray machines that generate detailed images of their contents. Trained security personnel then analyze these images to identify any anomalies, such as weapons, explosives, or contraband. The rise of smart cities and critical infrastructure protection is a key trend that is supporting to the growth of the Asia Pacific X-ray Security Screening Market. Advanced security solutions are required as cities in the Asia Pacific area develop into smart cities in order to safeguard vital infrastructure including public areas, government buildings, and transportation networks. X-ray security screening systems are being installed in metropolitan areas to reduce security concerns and protect important assets.

Rapid economic growth across many Asian countries is leading to significant investments in infrastructure development. This includes the construction of new airports, seaports, and commercial buildings, all of which require robust security measures. X-ray screening systems play a crucial role in securing these facilities. The need for X-ray screening equipment at airports is being driven by the aviation industry's rapid development in the Asia Pacific region. Efficient and effective security screening

systems are required in regard to the growing volume of air travel and cargo shipments to detect possible threats and adhere to aviation safety rules. The growth of the region is fueled by a rise in the creation of new large-scale commercial ventures, the expansion of airport facilities, and substantial investments in various public infrastructure initiatives. For instance, in December 2022, the Bureau of Civil Aviation Security (BACS) introduced technical standards for Indian airports, mandating the use of advanced equipment to screen bags without requiring passengers to remove electronic devices. Through technologies such as neutron beam technology and computed tomography, security agencies can now avoid the necessity of passengers removing electronic devices during screenings. These advancements are anticipated to further propel the regional growth of the X-ray security screening industry in the forecast period. However, growing health concerns regarding hazards of using high frequency scanners, coupled with the high costs associated with implementing advanced x-ray security screening systems is expected to stifle market growth during the forecast period 2024-2032.

The key Countries considered for the Asia Pacific X-ray Security Screening Market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China was the largest regional market in terms of revenue. The Chinese government is implementing initiatives to enhance security measures and modernize infrastructure. This includes investments in X-ray screening technologies for border security, critical infrastructure protection, and public safety, driving market growth. Also, the booming e-commerce sector in China is driving the demand for X-ray screening systems in logistics and supply chain operations. Efficient cargo screening is essential to detect contraband items, prevent smuggling, and ensure compliance with customs regulations, driving market growth in the logistics sector. Whereas, the market in India is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

NEC Corporation

Nuctech Company, Ltd

Smiths Detection Group Ltd.

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Application

People Screening

Product Screening

By End-use

Transit

Commercial

Government

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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