Security Screening Market by Product, By Application, And by Geography - Analysis and Forecast to 2013 - 2020

Description: Security Screening Market by Product (X-Ray & Biometric Screening System, EDT, and Metal Detector), By Application (Airport, Government, Border Security, Education, And Private & Public Places), And by Geography - Analysis and Forecast to 2013 - 2020

Security screening involves scanning of individuals and their belongings to avoid economic, financial, and personal losses at various places. In this report, the security screening market has been segmented on the basis of products, applications, and geography. Scanning of people and their belongings is done on a large scale at airports due to the large numbers of people passing through airports every day. The products involved in security screening are X-ray imaging systems, explosive trace detectors, electromagnetic detectors, and biometric systems.

Human operators play a key role in the detection process by examining X-ray images, resolving metal detector alarms, conducting body scans, conducting physical searches of baggage, and maintaining order at screening checkpoints. X-ray imaging systems are in great demand in the market as they focus on detecting metal on the persons and in their baggage. Explosive trace detectors are used to detect explosives of small magnitude. The detectors are more in demand at airports and other vulnerable areas; these are considered to be susceptible to acts of illegal intrusion.

Major applications covered under the security screening market are airports, government applications, border check points, educational institutes, private sector, and public places, among others. Out of all these applications, the airports account for a major share of the total security screening market. The total number of airports in the world as of 2014 are ~41,800, out of which, 43% are from North America. The security screening feature is majorly used at airports, for screening of individuals and their baggage.

Biometric technology is an advanced technique for the identification of humans, based on their characteristics such as face, fingerprint, iris, voice, and retina. Biometric technologies are being widely accepted and adopted in various civil and commercial applications; including ATMs, and border security, military, and private sectors. This technology is also very popular because of the biometric characters such as face, fingerprint, and hand; moreover, it cannot be lost, stolen, or easily forged.

North America is the largest market for security screening products as a large number of airports and shopping malls are located in this region. The APAC region is expected to grow rapidly due to the rapid growth of infrastructure in countries such as India, China, and Japan. The players involved in the development of security screening based semiconductor market include American Science and Engineering, Inc. (U.S.), Digital Barriers Plc. (U.K.), Implant Sciences Corp (U.S.), Magal Security Systems (Israel), OSI Systems Inc. (U.S.), Smiths Detection, Inc. (U.S.), Aware Inc. (U.S.), Argus Global (Australia), and Analogic Corporation (U.S.).

Key Takeaways:
- Analysis of the security screening market with a special focus on high growth product segment
- Security screening market includes: products, applications, and geography with detailed classification splits by market size
- Porter’s five forces have been explained in detail along with the value and supply chain analysis of the security screening market
- Major market drivers, restraints, and opportunities for the security screening market
- Illustrative segmentation, analysis, and forecast of the major geographical and application markets to give an overall view of the security screening market
- Detailed competitive landscape, which includes: key players, in-depth analysis, and individual companies revenue

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