

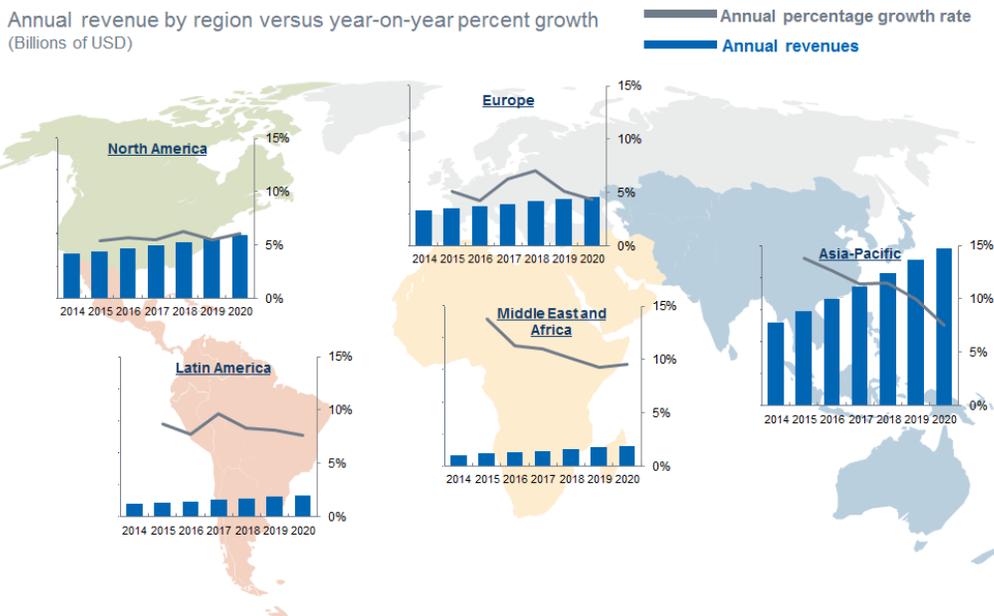


Market Opportunities for the Safe City

This is the third edition of an IHS Markit study on the Safe City market. IHS Markit defines ‘Safe City’ as a security concept that integrates critical security information from a range of sources onto a consolidated IT platform. Safe City often promotes interoperability between law enforcement, traffic and other agencies by taking a multi-agency approach to emergency response.

Although the market is still relatively new, it is growing rapidly as cities go beyond just deploying video surveillance infrastructure. With the emergence of sensors, analytics and more advanced security concepts, the ability to achieve complete situational awareness has reached new levels, and cities seek to benefit from this.

Safe city market overview



The report provides global insight into the developing safe city concept and its opportunities for technology vendors, systems integrators and consultancies. Additionally, it examines safe city architecture and requirements as well as successful use cases on a regional basis. Over 200 countries and 1,500 cities have been assessed using various indicators from the IHS Markit Economics and Country Risk team to provide perspective on the markets with the highest safe city potential.

The report will be an essential tool for executives who are assessing the Safe Cities space. It will offer highly detailed insight into the potential of this complex market, the Safe City concept, the stakeholders, and the technologies markets comprising the space.

Actuals and Forecast

Measures

- Safe City Index – provides a clear picture of which countries and cities have the highest potential to adopt Safe City projects. Market drivers analyzed:
 - GDP
 - Country budget & expenditure
 - Population growth
 - Strategic risk
 - Political risk
 - Security risk
 - Sovereign risk
- Qualitative analysis accompanies the statistical data providing insight into major regional and city trends.

Regional markets

- Asia Pacific
- Europe
- Latin America
- Middle East and Africa
- North America

Market analysis

- Discussion on the use, applications and potential of:
 - Automatic number plate recognition (ANPR)
 - Broadband eNodeBs
 - Command and control room technologies
 - Video content analytics (VCA)
 - Physical Security Information Management (PSIM) Software
 - Enterprise storage for video surveillance
 - Video surveillance equipment & services
 - Video surveillance as a service (VSaaS)

Other topics covered

- Safe City value chain
- IoT and Big Data analytics
- Case studies of past projects
- FirstNet, Smart Cities programs and security initiatives
- Business models used to finance Safe City projects
- Competitive environment and current value chain of providers to the market.
- End-user preferences

Lead Analyst

Alex Richardson – Market Analyst

Alex Richardson is an analyst on the Critical Communications team at IHS, which covers a range of research on LMR/PMR technologies. He has authored market reports on command and control room/PSAP technologies, and critical communications vertical markets. Alongside this focus, he has written and contributed to a number of custom studies & consulting projects related to emergency communications.

Alex has also presented at tradeshows such as IWCE and GITEX, in addition to holding webinars and in-person briefings on his research findings. Most recently, he has been responsible for the development of the group's 'Safe City' research.

Before his position with IHS, he worked in a product management and research role in the aerospace & defense sector. He has a Bachelor's degree from Indiana University.

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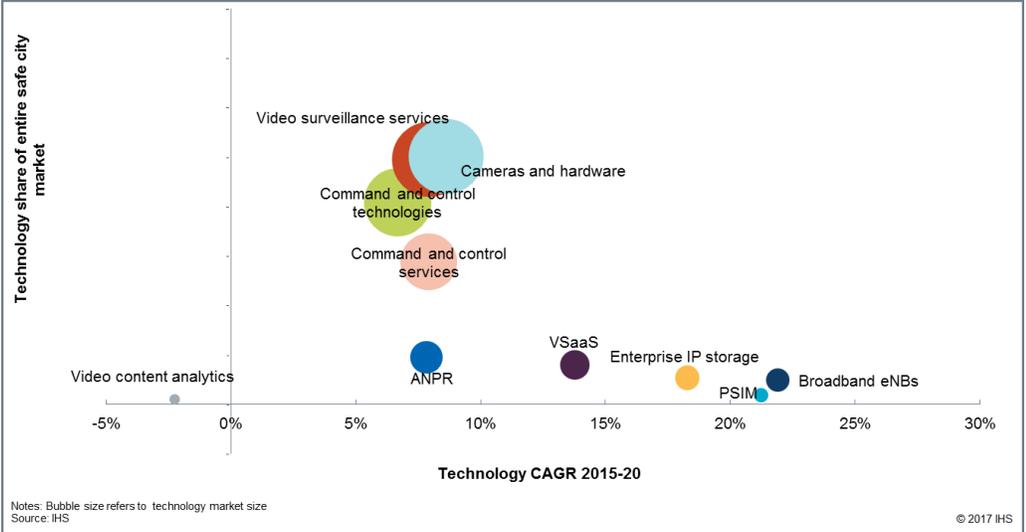
About IHS Technology

IHS Technology combines market, technology and supply chain analysis and forecasts at every operational step of the electronics value chain from strategy, planning and analysis to product design and development and supply chain management.

About IHS

IHS (NYSE: IHS) is the leading source of information, insight and analytics in critical areas that shape today's business landscape. Businesses and governments in more than 165 countries around the globe rely on the comprehensive content, expert independent analysis and flexible delivery methods of IHS to make high-impact decisions and develop strategies with speed and confidence. IHS has been in business since 1959 and became a publicly traded company on the New York Stock Exchange in 2005. Headquartered in Englewood, Colorado, USA, IHS is committed to sustainable, profitable growth and employs over 8,000 people in 31 countries around the world.

Safe city technology and service markets compared - 2015
(By 2015-20 CAGR, 2015 market share, and 2015 revenues)



Key Issues Addressed

- Which countries and cities offer the most potential for adopting Safe City projects in the future?
- What defines a Safe City? What is the Safe City concept? How does this fit within the Smart City concept?
- What is driving demand for Safe City projects across the globe? How do these drivers vary on a regional basis?
- Which technologies are commonly being used in Safe City applications, and what emerging technologies will enable higher adoption of these projects?
- Who are the decision makers and stakeholders within Safe City projects? What are their preferences with regard to solutions and the procurement process?
- Who are the major technology providers and integrators in the Safe City space?

Report content

- **Chapter 1** outlines the scope of the research, including definitions of the geographic and product coverage. It also describes the sources of information and the forecasting methodology used.
- **Chapter 2** presents the safe city model and concepts and provides definitions for the major technologies encompassed in the safe city concept.
- **Chapter 3** presents market forecasts by region and analysis of the major technological trends. This chapter contains the bulk of the market data.
- **Chapter 4** contains the 'Safe City Index', which evaluates the 'readiness' of countries and cities to implement a safe city initiative. Analysis of the most 'ready' countries and cities is provided.
- **Chapter 5** provides insight into end-user preferences and highlights best practices through successful case studies.
- **Chapter 6** includes competitive profiles of the major hardware vendors, software vendors and systems integrators and discusses the value chain of the safe city market.