Cybersecurity – EMEA & North America - 2016



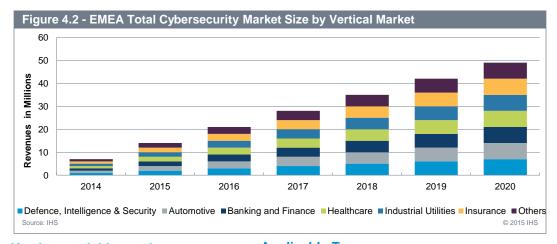
Christoforos Papachristou, Cybersecurity Market Analyst

Publishing February 2016

The industry's most extensive analysis of this dynamic market from a regional and vertical market perspective – forecast to reach over \$172.4 billion globally in 2020.

This is the first edition of the IHS research into the cybersecurity market. The study is composed of 2 regional volumes: EMEA and North America which can be purchased as a 2 volumes package or individually. Given the complexity of cybersecurity threats and the diversity of the market for cyber solutions, IHS, after much industry demand provides this detailed analysis of individual vertical markets from market specific operating models to key trends and development opportunities providing for the first time an analysis of where the future revenues from cyber will arise.

IHS developed this report using a variety of sources, the core of which was composed of primary research interviews with strategic cybersecurity specialists. This research contains indepth analysis of factors affecting each region along with comprehensive market forecasts for each of the major cyber vertical markets. Along with a competitive environment analysis, a global end-user survey is included to provide insight to the requirements, budgeting and challenges of implementing cyber security in different vertical markets. The report provides a clear and concise outlook on the market giving vendors and other industry stakeholders crucial insight into the opportunities and dynamics of the market over the forecast period.



Key Issues Addressed

- What are the key drivers driving the cybersecurity market across multiple vertical markets?
- Which verticals provide the most attractive opportunities?
- Who is providing the key services associated with cyber? Where are the most revenues being made?
- Who were the leading suppliers of each vertical in cybersecurity products and services? What are the emergent trends in supplier base?
- How do cloud, the internet of things and big data affect each vertical?

Applicable To

- Gain market understanding
- Identify growth opportunities
- Analyze and measure the global cybersecurity market by identifying investment across various industry verticals
- Understand the trends that will drive future changes in cybersecurity technology
- Understand the trends in the usage of cybersecurity technologies
- Understand the competitive landscape.
- Identify the right markets
- Identify the right verticals

Actuals and Forecast

Frequency, Time Period

- 5-year annual forecast (2015 2020)
- Base year (2014)

Measures

· Revenues (Services & Technologies)

Regions, Markets

- EMEA
- North America

Market share analysis for each major:

- Product category (products/managed services/consulting services)
- Vertical market
- Region (Europe, Middle East, North America)

Vertical Markets Covered

- Defence, Intelligence & Security
- Automotive
- Banking and Finance
- Healthcare
- Industrial Utilities (incl. Oil & Gas, Critical Infrastructure and Smart Utilities)
- Insurance
- Telecommunications
- Other

Technologies Covered

- Products (Hardware Appliance, Virtual Appliance, Software, SaaS)
- Managed Services (On-premise, Cloud / hybrid)
- Design, Consulting, Threat Intelligence

Key Transformations Driving Change

- Device Proliferation (mobile and Internet of Things)
- Rationalizing Defense (Reducing number of platforms)
- New Architectures (Cloud Technology, Data Centers, SDN/NFV, Virtualization)

Lead Analyst

Christoforos Papachristou - Market Research Analyst, Cybersecurity

Christoforos is an IHS market analyst specializing in critical communications and cybersecurity.

Christoforos graduated with a Masters in international security studies from the University of Warwick, specializing in cybersecurity and has a military background in intelligence and cybersecurity serving as communications and information systems operator and signals intelligence analyst in the Greek Navy.

In addition to his work in cybersecurity, Christoforos is also responsible for mobile radio research, specifically in the public safety vertical and the deployment of critical communications broadband networks. Mobile radio reports include 'Critical Communications Public Safety' and 'Critical Communications Broadband.

About IHS Technology Cybersecurity Coverage

Our coverage of cybersecurity technology is built on the foundation of IHS Inc.'s deep background in technology, security, and defense research and the recent acquisition of Infonetics Research, who has a 20 year history covering core network and content security technologies. We provide a wide range of market research services to more than 100 cybersecurity technology companies, covering the tools, technologies, and companies that protect consumers, businesses, and service providers from electronic threats.

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 8,000 people in 31 countries around the world.

Table of Contents

Executive Summary

Chapter 1 Introduction, scope, method

- 1.0 Introduction
- · 1.1 Report content
- 1.2 Scope
- · 1.3 Method
- 1.4 Exchange rates

Chapter 2 Technologies and services profiles

- · 2.0 Introduction
- · 2.2 Cybersecurity design, consulting, and threat intelligence solutions

Chapter 3 Cybersecurity end user survey

- · 3.0 Introduction
- · 3.1 Top takeaways
- · 3.2 Methodology
- · 3.3 Automotive section
- · 3.4 Long-term deployment strategy
- · 3.5 Legislation / Standards
- 3.6 Solution selection criteria
- · 3.7 Threat intelligence solutions
- 3.8 Budget
- 3.9 Mobile Device Security
- · 3.10 Cloud security
- 3.11 Key Transformations Driving Change
- 3.12 Bottom line

Chapter 4 Vertical specific breakdowns and market analysis

- · 4.0 Introduction
- · 4.1 Summary of forecasts
- · 4.2 Market size by product
- · 4.3 Market size by managed services
- · 4.4 Market size by design, consulting and threat intelligence Type
- 4.5 Overview of the Regional cybersecurity vertical markets
- 4.6 Automotive
- · 4.7 Banking and finance
- · 4.8 Defence, intelligence and security
- · 4.9 Healthcare
- 4.10 Industrial utilities
- 4.11 Insurance
- 4.12 Telecommunications
- 4.13 Other

- · 4.14 Vertical analysis per product
- 4.15 Bottom Line

Chapter 5 Key transformations driving change

- 5.0 Introduction
- · 5.1 Application security
- · 5.2 Big Data
- 5.3 Cloud technology
- · 5.4 Data Centers
- · 5.5 Evolving threats
- · 5.6 Internet of Things
- 5.7 Mobile device proliferation
- 2.1 Cybersecurity product and managed services 5.8 Rationalizing defence (reducing the number of platforms)
 - 5.9 SDN/NFV
 - 5.10 Virtualization
 - 5.11 Wearables
 - · 5.12 Bottom line

Chapter 6 Competitive environment and market shares

- 6.0 Introduction
- · 6.1 Market share analysis
- · 6.2 Merger and acquisition activity
- 6.3 Partnership
- · 6.4 Recent cybersecurity investments and IPOs
- · 6.5 Start-ups and venture capital investment
- · 6.6 Companies for sale
- · 6.7 Bottom line

Chapter 7 Company Profiles

Appendix 1 - List of tables

Appendix 2 - List of figures

User Survey Analysis

- · What percentage of companies spend money on cybersecurity software and services?
- · How are asset owner budgets changing?
- · What are the market drivers?
- · What are the market inhibitors?
- · What standards are being adopted?
- · Will standards be pushed out to the supply chain?
- · What protocols are being used, how will that change?
- · What is the adoption rate of new architectures?