

Video Analytics in Security & Business Intelligence Report

covering video analytics software and intelligent video surveillance devices for security, safety and business intelligence.

Oliver Philippou, Senior Analyst – Video Surveillance
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REPORT CONTENT

Frequency, Time Period

- 5 - year annual forecast (2018 - 2022)
- Base year and market shares (2017)

Measures

- Revenues (\$US Millions)
- Unit shipments / Licenses
- Average selling prices
- Market share estimates

Geographic regions

- World
- EMEA
 - Western Europe, Russia, East Europe, Middle East and Africa
- Americas
 - USA, Canada and South America
- China
- Asia (excluding China)
 - East Asia, Oceania, South East Asia, India and Rest of Asia

Verticals Covered

- 17 end-user industries by region including
- Banking and finance
- Commercial
- Education
- Government
- City surveillance
- Healthcare
- Retail
- Transportation
- Utilities

Application Type

- Security and safety
- Business intelligence
- Traffic management

Analytics

- Rules based vs Deep learning
- Software product type
- Algorithm type

Company Profiles

For years, the reliability of video analytics had been extremely variable, with vendors struggling to develop algorithms that could function in complex scenes. The industry has come a long way in recent years, and more traditional video analytics have seen steady increases in their capabilities. However, the last couple of years has seen a large increase in research and development in deep-learning neural networks, proving their capabilities, generating considerable excitement, and putting them within reach of a much wider user group. Deep-learning analytics are poised to revolutionise the industry, and facilitate a significant leap in the capabilities of video analytics.

This report examines the current market trends and technologies affecting the analytics market, and assess what implications these developments will have on the security and business intelligence use cases of this technology.

"The aim of video analytics is to take unstructured video, autonomously classify it, and to provide searchable actionable and quantifiable data and insight."

Example of report tables

Table CH - Software.7: The market for software video analytics by algorithm type: China

Channel (thousands)	2017	2018	2019	2020	2021	2022	CAGR 17-22
Vehicle Recognition	xxx.x	xxx.x xx.x%	xxx.x xx.x%	xxx.x xx.x%	xxx.x xx.x%	xxx.x xx.x%	xx.x%
Facial Recognition	xxx.x	xxx.x	xxx.x	xxx.x	xxx.x	xxx.x	xx.x%

Table WO - MS: The market for software video analytics software: World

Suppliers' share of the market in 2017		2017
1	Company A	xx.x%
2	Company B	xx.x%
3	Company C	xx.x%
4	Company D	xx.x%
5	Company E	xx.x%
6	Company F	xx.x%
7	Company G	xx.x%
8	Company H	xx.x%
9	Company I	xx.x%
10	Company J	xx.x%
	Others	xx.x%

2017 market size: \$xxx.x million

Data issued: July 2018

Source: IHS Markit

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Key questions answered

- What is the size of the global market for video analytics in security?
- What impact will deep learning have on the analytics market and why?
- What are the growth drivers for business intelligence and operational analytics?
- Which algorithms will experience the greatest demand?
- Which regional markets will grow the fastest over the next five years?

LEAD ANALYST

Oliver Philippou – Senior Analyst, Video Surveillance

Oliver Philippou is a Sr Analyst within the Safe Cities and Video Surveillance group. He is responsible for security technology research, with his main research focus on security systems integration, video analytics, and vertical market analysis.

Oliver has presented at many events across the world, and has written a number of feature articles for leading industry publications.

Oliver holds a MSc in Programme and Project Management from the University of Warwick and is based in the company's Northampton, UK office.

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Our coverage of the video surveillance industry is built from over ten years of research (following the acquisition of IMS Research in 2012). With a global team of video surveillance analysts we maintain the most comprehensive research portfolio covering the security industry. IHS Markit continues to have a regular presence in the video surveillance trade press and at industry events worldwide. Throughout the year IHS analysts speak with hundreds of different companies around the world in order to keep a finger on the industry pulse, providing clients with the latest trends, data and analyst insight.

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WORLDWIDE

T +1 844 301 7334

E technology_us@ihsmarkit.com
technology_apac@ihsmarkit.com
technology_emea@ihsmarkit.com

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