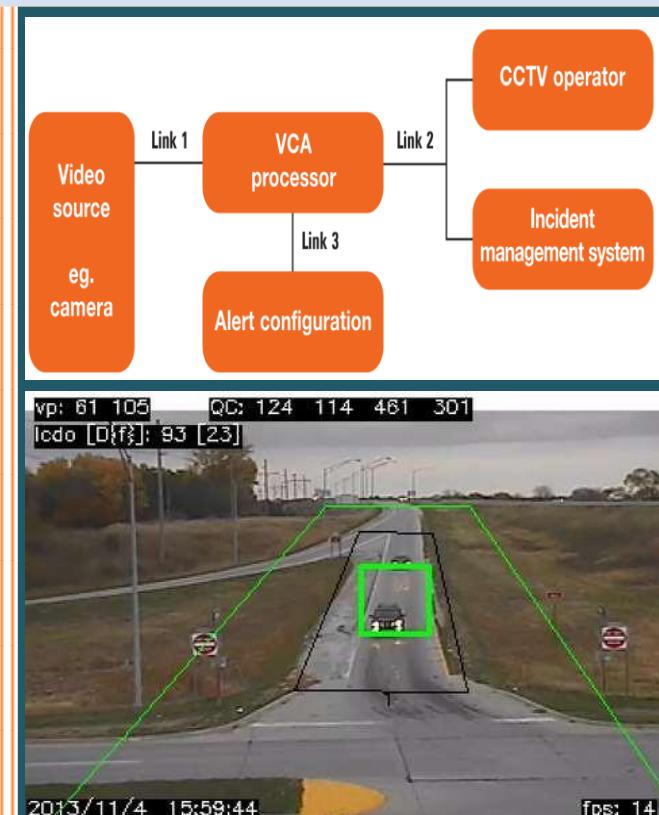


2015-2020

# *Video Analytics, Intelligent Video Surveillance & ISR: Technologies, Industry & Global Market*



***Homeland Security Research Corp.***

***Video Analytics, Intelligent Video  
Surveillance & ISR: Technologies,  
Industry & Global Market –  
2015-2020***

***Volume 1***

## Table of Contents

<b>1. Summary .....</b>	<b>37</b>
<b>2. Extended Summary .....</b>	<b>40</b>
2.1. Major Findings.....	40
2.2. Major Conclusions.....	46
2.3. Global Intelligent Video Surveillance, ISR & Video Analytics Market – 2015-2020 .....	55
2.3.1. The Market Chart.....	55
2.3.2. Global IVS & VA Market by Vertical Submarket and Region .....	56
2.3.3. Global IVS Submarkets – 2015-2020.....	58
2.3.4. Global IVS & VA Market by Region – 2015-2020.....	63
<b>3. Global Geopolitical Outlook.....</b>	<b>66</b>
<b>MARKET ANALYSIS.....</b>	<b>69</b>
<b>4. VA, IVS &amp; ISR: Market Drivers .....</b>	<b>69</b>
<b>5. VA, IVS &amp; ISR: Market Inhibitors .....</b>	<b>72</b>
<b>6. IVS, ISR and Video Analytics Industry: SWOT Analysis .....</b>	<b>73</b>
6.1. Strengths.....	73
6.2. Weaknesses.....	74
6.3. Opportunities.....	75
6.4. Threats .....	76
<b>7. Intelligent Video Surveillance: Competitive Analysis.....</b>	<b>79</b>
<b>8. Business Challenges and Opportunities .....</b>	<b>80</b>
8.1. Business Challenges.....	80
8.2. Business Opportunities .....	81
<b>TECHNOLOGIES.....</b>	<b>83</b>
<b>9. Present and Pipeline Intelligent Video Surveillance Technologies .....</b>	<b>83</b>
9.1. Intelligent CCTV Surveillance Technologies Challenges.....	85
9.1.1. Technologies Challenges .....	85
9.2. Remote Biometric Detection Challenges.....	85
9.2.1. Remote Threat Identification .....	86
9.2.2. Intelligent Video Surveillance System Performance.....	86
9.2.3. Distributed Sensors Remote Systems Challenges.....	86
9.3. IVS Remote Detection.....	87
9.4. Intelligent Video Surveillance Based Biometric Identification .....	88
9.4.1. Intelligent Video Surveillance and Biometrics .....	88
9.4.2. IVS Based Biometric Face Recognition Identification vs. Verification .....	90
9.4.3. Performance of CCTV-Based Biometric Recognition Technologies.....	90
9.4.4. Remote Biometric Identification Technologies .....	92
9.4.5. Criminal & Terrorist Watch Lists.....	92
9.4.6. Fused Intelligent Video Surveillance and Biometric Technology .....	95

9.4.7. Fused Multi-modal IVS Biometric Remote People Screening.....	97
9.5. Intelligent Video Surveillance: Tracking.....	98
9.5.1. Overview .....	98
9.5.2. IVS & VA based Behavioral Profiling .....	101
9.5.3. Tag and Track – IVS .....	102
9.5.4. Intelligent Video Surveillance: Behavior Profiling – Drivers.....	102
9.5.5. Intelligent Video Surveillance: Behavior Profiling – Inhibitors .....	102
9.6. Video Analytics-based Intelligent Transportation Systems.....	103
9.7. Tele-Retail, Amazon Fire Phone FireFly Video Analytics Firmware .....	104
<b>10. Present and Pipeline Video Analytics (VA) &amp; Video Content Analytics (VCA) Technologies.....</b>	<b>105</b>
10.1. Video Analytics.....	105
10.1.1. Introduction .....	105
10.1.2. Wireless Video Analytics.....	105
10.1.3. Cloud-based Video Analytics .....	106
10.1.4. Cloud Platforms .....	107
10.1.5. Online Video Analytics .....	109
10.1.6. Behavioral Analysis.....	109
10.1.7. Video Analytic Applications .....	111
10.1.8. Video Analytics Architecture .....	111
10.1.9. Real Time Automatic Alerts Software .....	112
10.1.10. Image Segmentation Software .....	113
10.1.11. Item Tracking Intelligent CCTV Surveillance Software .....	113
10.1.12. Object Sorting and ID .....	114
10.1.13. Item Identification and Recognition .....	114
10.1.14. IVS Based Face Recognition.....	114
10.1.15. License Plate Recognition (LPR).....	115
10.1.16. Sorting Actions and Behaviors .....	115
10.1.17. Crowd Surveillance .....	116
10.1.18. Multi-Camera Intelligent CCTV Surveillance Systems.....	116
10.2. Video Content Analysis (VCA) .....	117
10.2.1. Introduction .....	117
10.2.2. VCA Systems.....	117
10.2.3. Pipeline VCA Research .....	120
10.2.4. Video Content Analysis Software .....	121
10.2.5. Present Limitations of Video Analytics Software .....	121
10.2.6. Automated Analysis Of Video Surveillance Data .....	122
10.2.7. Item Detection.....	122
10.2.8. Background Subtraction: Gaussian Mixture Based Software.....	123
10.2.9. Background Subtraction.....	124
10.2.10. Item Detection Based on a Single-Image Algorithm .....	125
10.2.11. Item Tracking Software.....	125
10.2.12. Kalman Filtering Techniques, Region Segmentation.....	126
10.2.13. Kalman Filters Application To Track Moving Items.....	126

10.2.14. Partially Observable Markov Decision Process, IVS Systems .....	127
10.2.15. “Splitting” Items Algorithms.....	129
10.2.16. Dimension Based Items Classifiers .....	130
10.2.17. Shape Based Item Classifiers .....	130
10.2.18. Event Detection Methods .....	131
10.2.19. Vision-Based Human Action Recognition .....	132
10.2.20. 3D Derived Egomotion .....	133
10.2.21. Path Reconstruction Software .....	133
10.2.22. Video Cameras Gap Mitigation Software.....	134
10.2.23. Networked Cameras Tag and Track Software.....	134
10.3. Visual Intelligence Technologies .....	135
10.3.1. The Visual Intelligence Process .....	136
10.3.2. Fusion Engine .....	137
10.3.3. Event Description.....	137
10.3.4. Reasoning.....	137
10.3.5. Reporting .....	138
10.4. Smart Cameras .....	138
10.5. Pulse Video Analytics.....	139
10.6. Underwater ISR.....	139
10.7. ROSS Covert Multi-modal Ground ISR System .....	140
10.8. Mini ISR Aerostats.....	141
10.9. Pirsivavash and Ramanan’s, Activity-Recognition IVS Algorithm .....	142
10.10. Camera & Video Analytics-based Advanced Driver Assistance Systems (ADAS) Technology and Market .....	145
10.10.1. Camera & VA-based Advanced Driver Assistance Systems Market .....	145
10.10.2. Camera & VA -based Advanced Driver Assistance Systems Technology.....	147
<b>11. IVS Products and Services .....</b>	<b>151</b>
11.1. IVS Present and Pipeline Products .....	151
11.1.1. Commercial Applications: Present and Pipeline Products .....	151
11.1.2. Pipeline Software And Hardware Under Development .....	153
11.2. IVS Based Intelligence, Surveillance and Reconnaissance (ISR) Systems .....	154
11.2.1. Overview .....	154
11.2.2. Portable ISR Video Surveillance Kits .....	155
11.3. Video Information Management (PSIM) Systems .....	155
11.4. Video Surveillance as a Service (VSaaS) .....	157
11.4.1. The VSaaS Technology .....	157
11.4.2. The VSaaS Market.....	157
11.4.3. Video Surveillance as Service: 26 Key Vendors .....	158
<b>PROGRAMS .....</b>	<b>159</b>
<b>12. Conveyance Protection Program .....</b>	<b>159</b>
<b>13. Intelligent Video Surveillance Based Threat Detection R&amp;D Programs.....</b>	<b>160</b>
13.1. Check Point Program .....	160
13.2. Social Behavioral Threat Analysis Project.....	160
13.3. DARPA IVS Based “Future Behavior” Project .....	160

13.4. Biometric Detector Project.....	162
<b>THE MARKET.....</b>	<b>163</b>
<b>14. Global Intelligent Video Surveillance, ISR &amp; Video Analytics Market Summary - 2015-2020 .....</b>	<b>163</b>
14.1. Global IVS & VA Market by Vertical Submarket and Region.....	163
14.2. IVS Vertical Submarkets – 2015-2020 .....	165
14.2.1. Market Size .....	165
14.2.2. Market Analysis.....	167
14.3. Global IVS & VA Market by Region – 2015-2020.....	170
14.3.1. Market Size .....	170
14.3.2. Market Analysis.....	171
14.4. Global IVS, ISR & VA Market by Country – 2015-2020.....	173
14.4.1. Country Comparison by Market Size .....	173
14.4.2. The 10 Leading IVS, ISR & VA National Markets by Market Size .....	174
14.4.3. Country Comparison by Market Growth Rates.....	175
14.4.4. The 10 Leading IVS, ISR & VA National Markets by Market Growth Rate.....	176
<b>15. Defense, ISR &amp; IVS &amp; VA Market – 2015-2020 .....</b>	<b>177</b>
15.1. Market Background .....	177
15.1.1. Defense IVS Visual Intelligence .....	177
15.1.2. Visual Intelligence Performance Tasks .....	177
15.1.3. Unmanned Aerial ISR, Target Recognition and Surveillance Systems.....	178
15.1.4. Surveillance and Strike (UCLASS), MQ-8 Fire Scout, Broad Area Maritime Surveillance (BAMS) UAV; and Marine Corps Small Tactical Unmanned Aerial System.....	179
15.1.5. Unmanned Aerial ISR, Target Recognition and Surveillance Market - 2015-2020 .....	182
15.1.6. UAV IVS Market.....	184
15.1.7. VideoScout Program.....	185
15.1.8. Enhanced Medium Altitude Reconnaissance and Surveillance System (EMARSS) Program .....	186
15.2. U.S. DOD ISR Video Surveillance Programs .....	186
15.2.1. U.S. DOD Full Motion Video ISR Programs .....	186
15.2.2. Angel Fire.....	187
15.2.3. Constant Hawk.....	189
15.2.4. Airborne Reconnaissance Multi-sensor System (ARMS) Horned Owl .....	190
15.2.5. Redridge II .....	191
15.2.6. Scathe View .....	191
15.2.7. Near Real-Time Full Motion Video ISR Analytics Market .....	192
15.2.8. The Lockheed Martin, Harris Broadcast Communications, and NetApp Program .....	193
15.2.9. Full Motion Video ISR: Market Analysis .....	194
15.3. Defense, VA, ISR & Intelligent Video Surveillance: Global Market – 2015-2020 .....	196
15.3.1. Market Analysis.....	197

15.4. Americas Defense: ISR, IVS & VA Market – 2015-2020 .....	200
15.4.1. Market Size .....	200
15.4.2. Market Analysis.....	201
15.5. EMEA Defense, ISR , IVS & VA Market – 2015-2020.....	202
15.5.1. Market Size .....	202
15.5.2. Market Analysis.....	203
15.6. Asia-Pacific Defense ISR, IVS & VA Market – 2015-2020 .....	204
15.6.1. Market Size .....	204
15.6.2. Market Analysis.....	205
<b>16. Critical Infrastructure IVS Based Security Market – 2015-2020 .....</b>	<b>207</b>
16.1. Scope .....	207
16.2. Market Background .....	207
16.2.1. Overview .....	207
16.2.2. Critical Infrastructure IVS Based Security: Business Opportunities.....	209
16.3. Critical Infrastructure IVS Based Security: Market Drivers .....	209
16.4. Critical Infrastructure IVS Based Security: Market Inhibitors .....	210
16.5. Global Critical Infrastructure Security Intelligent Video Surveillance, ISR & Video Analytics Market – 2015-2020 .....	210
16.5.1. Market Analysis.....	211
16.6. Americas Critical Infrastructure IVS Based Security Market – 2015-2020 .....	213
16.6.1. Market Size .....	213
16.6.2. Market Analysis.....	214
16.7. Europe, Middle East & Africa (EMEA) Critical Infrastructure IVS Based Security Market – 2015-2020 .....	215
16.7.1. EMEA Market Size .....	215
16.7.2. Europe, Middle East & Africa: Market Analysis .....	216
16.8. Asia-Pacific Critical Infrastructure IVS Based Security Market – 2015-2020 .....	217
16.8.1. Asia-Pacific Market Size .....	217
16.8.2. Asia-Pacific Market Analysis .....	218
<b>17. Transportation &amp; Logistics IVS, Global Market – 2015-2020 .....</b>	<b>220</b>
17.1. Market Background .....	220
17.1.1. Overview .....	220
17.1.2. Rail Industry IVS Market .....	221
17.1.3. IVS Based Vehicle Tracking.....	221
17.1.4. Key Transportation & Logistics IVS Companies.....	222
17.1.5. Automatic Number Plate Recognition (ANPR) Market .....	222
17.2. Transportation & Logistics IVS, Global Market – 2015-2020 .....	223
17.2.1. Market Analysis.....	224
17.3. Americas Transportation & Logistics IVS & VA Market – 2015-2020 .....	226
17.3.1. Market Size .....	226
17.3.2. Market Analysis.....	227
17.4. EMEA Transportation & Logistics IVS & VA Market – 2015-2020 .....	228
17.4.1. EMEA Market Size .....	228

17.4.2. EMEA Market Analysis .....	229
17.5. Asia-Pacific Transportation & Logistics IVS & VA Market – 2015-2020 .....	230
17.5.1. Asia-Pacific Market Size .....	230
17.5.2. Asia-Pacific Market Analysis .....	231
<b>18. Aviation &amp; Maritime IVS Based Security Market – 2015-2020 .....</b>	<b>233</b>
18.1. Aviation IVS Based Security Market Background.....	233
18.1.1. Overview .....	233
18.1.2. The U.S. DHS TSA IVS Program .....	236
18.1.3. IVS Based Aviation Security Background Data and Market Dynamics .....	236
18.1.4. Aviation IVS Based Security Business Opportunities.....	240
18.2. Aviation Security IVS Based Systems: Market Drivers.....	240
18.3. Aviation IVS Based Security: Market Inhibitors .....	240
18.4. Maritime IVS Based Security: Market Background.....	241
18.4.1. Scope.....	241
18.4.2. Overview .....	241
18.4.3. IVS Based Maritime Security Market: Business Opportunities.....	244
18.5. IVS Based Maritime Security: Market Drivers .....	246
18.6. IVS Based Maritime Security: Market Inhibitors .....	246
18.7. Aviation & Maritime IVS Global Market – 2015-2020 .....	246
18.7.1. Market Analysis.....	247
18.8. Americas Aviation & Maritime IVS Based Security Market – 2015-2020 .....	249
18.8.1. Market Size .....	249
18.8.2. Market Analysis.....	250
18.9. EMEA Aviation & Maritime IVS Based Security Market – 2015-2020 .....	251
18.9.1. Market Size .....	251
18.9.2. Market Analysis.....	252
18.10. Asia-Pacific Aviation & Maritime IVS Based Security Market – 2015-2020 .....	253
18.10.1. Market Size .....	253
18.10.2. Market Analysis .....	254
<b>19. Safe Cities &amp; Smart Cities IVS &amp; VA Market – 2015-2020 .....</b>	<b>256</b>
19.1. Safe City vs. Smart City .....	256
19.1.1. Smart Cities .....	256
19.1.2. Safe Cities.....	257
19.1.3. Safe City Surveillance Systems market .....	259
19.2. Market Background .....	260
19.2.1. Safe City Market Definition.....	260
19.2.2. Safe City Public Safety Surveillance .....	261
19.3. Safe Cities & Smart Cities IVS, ISR & VA Global Market – 2015-2020 .....	262
19.3.1. Safe Cities & Smart Cities Intelligent Video Market Analysis.....	263

19.4.	Americas Safe Cities & Smart Cities IVS, ISR & VA Market – 2015-2020 .....	264
19.4.1.	The U.S. Safe Cities .....	264
19.4.2.	Market Size .....	266
19.4.3.	Market Analysis.....	267
19.5.	Europe, Middle East & Africa (EMEA) Safe Cities & Smart Cities IVS & VA Market – 2015-2020 .....	267
19.5.1.	Europe, Middle East & Africa Market Size .....	267
19.5.2.	Market Analysis.....	269
19.6.	Asia-Pacific Safe Cities & Smart Cities IVS & VA Market – 2015-2020 .....	270
19.6.1.	Market Size .....	270
19.6.2.	Market Analysis.....	271
<b>20.</b>	<b>Border IVS Based Security Market – 2015-2020.....</b>	<b>273</b>
20.1.	Border IVS, VA,& ISR Based Security Market Background.....	273
20.1.1.	Scope.....	273
20.1.2.	Overview .....	273
20.1.3.	IVS Based Biometric Border Checkpoints.....	274
20.1.4.	Border Security - Strategic Context.....	274
20.1.5.	IVS Based Border Security Market Challenges.....	274
20.2.	IVS Based Border Security Market Drivers .....	275
20.3.	IVS Based Border Security Market Inhibitors .....	275
20.4.	IVS Based Border Security Sub-Market Growth Sectors.....	276
20.5.	Global IVS Based Border Security Market – 2015-2020 .....	276
20.5.1.	Market Analysis.....	277
20.6.	Americas Border IVS Based Security Market – 2015-2020.....	279
20.6.1.	Market Size .....	279
20.6.2.	Market Analysis.....	280
20.7.	EMEA Border IVS Based Security Market – 2015-2020.....	281
20.7.1.	Market Size .....	281
20.7.2.	Market Analysis.....	282
20.8.	Asia-Pacific Border IVS Based Security Market – 2015-2020.....	283
20.8.1.	Market Size .....	283
20.8.2.	Market Analysis.....	284
<b>21.</b>	<b>Commercial &amp; Public Buildings IVS &amp; VA Market – 2015-2020.....</b>	<b>286</b>
21.1.	Commercial & Public Buildings IVS & VA Market Background.....	286
21.2.	Global Commercial & Public Buildings IVS & VA Market – 2015-2020 .....	287
21.2.1.	Global Commercial & Public Buildings IVS & VA Market Size – 2011- 2020.....	287
21.2.2.	Market Analysis.....	288
21.3.	Americas Commercial & Public Buildings IVS & VA Market – 2015-2020 .....	290
21.3.1.	Market Size .....	290
21.3.2.	Market Analysis.....	291
21.4.	EMEA Commercial & Public Buildings IVS & VA Market – 2015-2020 .....	293
21.4.1.	Market Size .....	293

21.4.2. Market Analysis.....	294
21.5. Asia-Pacific Commercial & Public Buildings IVS & VA Market – 2015-2020 .....	295
21.5.1. Market Size .....	295
21.5.2. Market Analysis.....	297
<b>22. Entertainment &amp; Casinos IVS Based Security Global Market – 2015-2020..</b>	<b>298</b>
22.1. Entertainment & Casinos IVS Based Security Global Market Background .....	298
22.2. Global Entertainment & Casinos IVS Based Security Market – 2015-2020 .....	299
22.2.1. Entertainment & Casinos IVS Based Security Global Market Size -2011- 2020.....	299
22.2.2. Entertainment & Casinos IVS Based Security Global Market Analysis.....	300
22.3. Americas Entertainment & Casinos IVS Based Security Market – 2015-2020 .....	302
22.3.1. Americas Entertainment & Casinos IVS Based Security Market Size -2015-2020.....	302
22.3.2. Americas Entertainment & Casinos IVS Based Security Market Analysis.....	303
22.4. EMEA Entertainment & Casinos IVS Based Security Market – 2015-2020 .....	305
22.4.1. EMEA Entertainment & Casinos IVS Based Security Market Size .....	305
22.4.2. EMEA Entertainment & Casinos IVS Based Security Market Analysis.....	306
22.5. Asia-Pacific Entertainment & Casinos IVS Based Security Market – 2015-2020 .....	307
22.5.1. Asia-Pacific Entertainment & Casinos IVS Based Security Market Size .....	307
22.5.2. Market Analysis.....	308
<b>23. Retail Industry IVS &amp; VA Market – 2015-2020 .....</b>	<b>310</b>
23.1. Retail Industry IVS & VA Market Background .....	310
23.1.1. Retail Industry IVS & VA Overview .....	310
23.1.2. Intelligent Retail Surveillance .....	310
23.1.3. Retail Industry Intelligent Video Surveillance, ISR & Video Analytics Market.....	311
23.1.4. Loss Prevention IVS .....	312
23.1.5. Cash Register Intelligent Video Surveillance Security System.....	312
23.1.6. IVS Fused With Point-Of-Sale Transaction Data Systems.....	313
23.1.7. IVS Based Retail Object Tracking.....	313
23.1.8. Customer Demographics IVS Software .....	314
23.1.9. Maximizing Retail Sales, Profit and Productivity .....	315
23.1.10. The Retail Industry IVS Commercial Applications .....	315
23.1.11. Amazon Fire Phone FireFly Video Analytics Impact on the Tele-Retail Services .....	316
23.2. Global Retail Industry IVS & VA Market – 2015-2020 .....	317

23.2.1. Market Size -2015-2020.....	317
23.2.2. Market Analysis.....	318
23.3. Americas Retail Industry IVS & VA Market – 2015-2020.....	320
23.3.1. Market Size .....	320
23.3.2. Market Analysis.....	322
23.4. EMEA Retail Industry IVS & VA Market – 2015-2020 .....	323
23.4.1. EMEA Retail Industry IVS & VA Market Size .....	323
23.4.2. Market Analysis.....	325
23.5. Asia-Pacific Retail Industry IVS & VA Market – 2015-2020.....	326
23.5.1. Market Size .....	326
23.5.2. Market Analysis.....	327
<b>24. Residential IVS Based Security Market – 2015-2020 .....</b>	<b>329</b>
24.1. Residential IVS Based Security Market Background.....	329
24.1.1. Residential IVS Based Security Overview .....	329
24.1.2. Residential Intruder Detection IVS Functionality .....	329
24.2. Global Residential IVS Based Security Market – 2015-2020 .....	331
24.2.1. Market Size -2015-2020.....	331
24.2.2. Market Analysis.....	332
24.3. Americas Residential IVS Based Security Market – 2015-2020.....	334
24.3.1. Americas Residential IVS Based Security Market Size 2011- 2020.....	334
24.3.2. Americas Residential IVS Based Security Market Analysis .....	335
24.4. EMEA Residential IVS Based Security Market – 2015-2020.....	336
24.4.1. EMEA Residential IVS Based Security Market Size - 2015- 2020 .....	336
24.4.2. Market Analysis.....	337
24.5. Asia-Pacific Residential IVS Based Security Market – 2015- 2020 .....	339
24.5.1. Asia-Pacific Residential IVS Based Security Market Size - 2011- 2020.....	339
24.5.2. Asia-Pacific Residential IVS Based Security Market Analysis.....	341
<b>25. Other IVS &amp; VA Applications Market – 2015-2020 .....</b>	<b>342</b>
25.1. Other IVS & VA Applications Market Background .....	342
25.2. Global Other Applications IVS & VA Market – 2015-2020.....	343
25.2.1. Other Applications IVS & VA Market Size - 2015-2020.....	343
25.2.2. Other Applications IVS & VA Market Analysis.....	344
25.3. Americas Other Applications IVS & VA Market – 2015-2020 .....	346
25.3.1. Americas Other Applications IVS & VA Market Size .....	346
25.3.2. Americas Other Applications IVS & VA Market Analysis.....	347
25.4. EMEA Other Applications IVS & VA Market – 2015-2020 .....	348
25.4.1. EMEA Other Applications IVS & VA Market Size .....	348
25.4.2. EMEA Other Applications IVS & VA Market Analysis .....	349
25.5. Asia-Pacific Other Applications IVS & VA Market – 2015-2020 .....	350
25.5.1. Asia-Pacific Other Applications IVS & VA Market Size .....	350
25.5.2. Asia-Pacific Other Applications IVS & VA Market Analysis .....	351

<b>REGIONAL MARKETS.....</b>	<b>353</b>
<b>26. Americas Intelligent Video Surveillance, ISR &amp; Video Analytics Market – 2015-2020.....</b>	<b>353</b>
26.1. Market Size .....	353
26.2. Americas Intelligent Video Surveillance, ISR & Video Analytics Market Analysis.....	355
26.3. Americas IVS, ISR & VA Market by Country – 2015-2020 .....	358
26.3.1. Country Comparison by Market Size .....	358
26.3.2. The Leading IVS, ISR & VA National Markets by Market Size .....	359
26.3.3. Country Comparison by Market Growth Rates.....	360
26.3.4. The Leading IVS, ISR & VA National Markets by Market Growth Rate.....	361
<b>27. EMEA Intelligent Video Surveillance, ISR &amp; Video Analytics Market – 2015-2020.....</b>	<b>362</b>
27.1. Middle East and Africa (ME&A) Background.....	362
27.1.1. Facts & Figures.....	362
27.1.2. Middle East and Africa Defense Forces .....	363
27.1.3. Middle East and Africa: 2014 Security Status & Outlook .....	364
27.1.4. East Africa.....	365
27.1.5. Middle East and Africa: Terror in 2013.....	365
27.2. EMEA Market Size .....	370
27.3. Market Analysis .....	372
27.4. EMEA IVS, ISR & VA Market by Country – 2015-2020 .....	375
27.4.1. Country Comparison by Market Size .....	375
27.4.2. The Leading IVS, ISR & VA National Markets by Market Size .....	376
27.4.3. Country Comparison by Market Growth Rates.....	377
27.4.4. The Leading IVS, ISR & VA National Markets by Market Growth Rate.....	378
<b>28. Asia-Pacific Intelligent Video Surveillance, ISR &amp; Video Analytics Market – 2015-2020.....</b>	<b>379</b>
28.1. Market Size .....	379
28.2. Market Analysis .....	381
28.3. Asia-Pacific IVS, ISR & VA Market by Country – 2015-2020 .....	384
28.3.1. Country Comparison by Market Size .....	384
28.3.2. The Leading IVS, ISR & VA National Markets by Market Size .....	385
28.3.3. Country Comparison by Market Growth Rates.....	386
28.3.4. The Leading IVS, ISR & VA National Markets by Market Growth Rate.....	387
<b>VENDORS .....</b>	<b>388</b>
<b>29. VA, ISR &amp; ISR Vendors .....</b>	<b>388</b>
29.1. 3i-MIND .....	388
29.1.1. Company Profile .....	388
29.1.2. Video Surveillance Products .....	388
29.1.3. Contact Information.....	388

29.2. 3VR .....	389
29.2.1. Company Profile .....	389
29.2.2. Video Surveillance Products .....	389
29.2.3. Contact Information.....	389
29.3. 3xLOGIC .....	389
29.3.1. Company Profile .....	389
29.3.2. Video Surveillance Products .....	389
29.3.3. Contact Information.....	390
29.4. AAI Corporation.....	390
29.4.1. Company Profile .....	390
29.4.2. Video Surveillance Products .....	390
29.4.3. Contact Information.....	390
29.5. AAM Systems.....	390
29.5.1. Company Profile .....	390
29.5.2. Video Surveillance Products .....	391
29.5.3. Contact Information.....	391
29.6. ACTi Corporation .....	391
29.6.1. Company Profile .....	391
29.6.2. Video Surveillance Products .....	391
29.6.3. Contact Information.....	391
29.7. ADT Security Services .....	392
29.7.1. Company Profile .....	392
29.7.2. Video Surveillance Products .....	392
29.7.3. Contact Information.....	392
29.8. Adaptive Imaging Technologies .....	392
29.8.1. Company Profile .....	392
29.8.2. Video Surveillance Products .....	393
29.8.3. Contact Information.....	393
29.9. Agent Video Intelligence.....	393
29.9.1. Company Profile .....	393
29.9.2. Video Surveillance Products .....	393
29.9.3. Contact Information.....	393
29.10. AGT International .....	394
29.10.1. Company Profile.....	394
29.10.2. Video Surveillance Products.....	394
29.10.3. Contact Information .....	394
29.11. Aimetis .....	394
29.11.1. Company Profile.....	394
29.11.2. Video Surveillance Products.....	395
29.11.3. Contact Information .....	395
29.12. ALPHAOPEN .....	395
29.12.1. Company Profile.....	395
29.12.2. Video Surveillance Products.....	395
29.12.3. Contact Information .....	395
29.13. American Dynamics .....	396
29.13.1. Company Profile.....	396
29.13.2. Video Surveillance Products.....	396
29.13.3. Contact Information .....	396
29.14. Ampex Data Systems Corporation .....	396

29.14.1. Company Profile .....	396
29.14.2. Video Surveillance Products.....	396
29.14.3. Contact Information .....	397
29.15. Aralia System .....	397
29.15.1. Company Profile .....	397
29.15.2. Video Surveillance Products.....	397
29.15.3. Contact Information .....	398
29.16. AVCON Information Technology Co. Ltd.....	398
29.16.1. Company Profile.....	398
29.16.2. Video Surveillance Products.....	399
29.16.3. Contact Information .....	399
29.17. Avigilon Corporation .....	399
29.17.1. Company Profile .....	399
29.17.2. Video Surveillance Products.....	399
29.17.3. Contact Information .....	400
29.18. Axis .....	400
29.18.1. Company Profile.....	400
29.18.2. Video Surveillance Products.....	400
29.18.3. Contact Information .....	401
29.19. Axxon .....	401
29.19.1. Company Profile .....	401
29.19.2. Video Surveillance Products.....	401
29.19.3. Contact Information .....	401
29.20. BAE Systems Plc .....	402
29.20.1. Company Profile.....	402
29.20.2. Video Surveillance Products.....	402
29.20.3. Contact Information .....	402
29.21. Basler .....	402
29.21.1. Company Profile .....	402
29.21.2. Video Surveillance Products.....	402
29.21.3. Contact Information .....	402
29.22. BiKal.....	403
29.22.1. Company Profile .....	403
29.22.2. Video Surveillance Products.....	403
29.22.3. Contact Information .....	403
29.23. Boeing Defense, Space & Security .....	404
29.23.1. Company Profile .....	404
29.23.2. Video Surveillance Products.....	404
29.23.3. Contact Information .....	404
29.24. Bosch Security Systems.....	404
29.24.1. Company Profile .....	404
29.24.2. Video Surveillance Products.....	405
29.24.3. Contact Information .....	406
29.25. Briefcam .....	406
29.25.1. Company Profile .....	406
29.25.2. Video Surveillance Products.....	406
29.25.3. Contact Information .....	406
29.26. Camero .....	407
29.26.1. Company Profile.....	407

29.26.2. Video Surveillance Products.....	407
29.26.3. Contact Information .....	407
29.27. Cernium.....	407
29.27.1. Company Profile.....	407
29.27.2. Video Surveillance Products.....	408
29.27.3. Contact Information .....	408
29.28. Churchill Navigation .....	408
29.28.1. Company Profile.....	408
29.28.2. Video Surveillance Products.....	408
29.28.3. Contact Information .....	408
29.29. CIEFFE .....	408
29.29.1. Company Profile.....	408
29.29.2. Video Surveillance Products.....	409
29.29.3. Contact Information .....	409
29.30. Cisco .....	409
29.30.1. Company Profile.....	409
29.30.2. Video Surveillance Products.....	410
29.30.3. Contact Information .....	410
29.31. Citilog .....	410
29.31.1. Company Profile.....	410
29.31.2. Video Surveillance Products.....	411
29.31.3. Contact Information .....	411
29.32. ClickIt .....	412
29.32.1. Company Profile.....	412
29.32.2. Video Surveillance Products.....	412
29.32.3. Contact Information .....	412
29.33. Cognimatics .....	412
29.33.1. Company Profile.....	412
29.33.2. Video Surveillance Products.....	413
29.33.3. Contact Information .....	413
29.34. Digital Results Group .....	413
29.34.1. Company Profile.....	413
29.34.2. Video Surveillance Products.....	413
29.34.3. Contact Information .....	414
29.35. Emza Visual Sense .....	414
29.35.1. Company Profile.....	414
29.35.2. Video Surveillance Products.....	414
29.35.3. Contact Information .....	414
29.36. Eptascape .....	415
29.36.1. Company Profile.....	415
29.36.2. Video Surveillance Products.....	415
29.36.3. Contact Information .....	415
29.37. DVTel .....	416
29.37.1. Company Profile.....	416
29.37.2. Video Surveillance Products.....	416
29.37.3. Contact Information .....	416
29.38. Exacq .....	416
29.38.1. Company Profile.....	416
29.38.2. Video Surveillance Products.....	416

29.38.3. Contact Information .....	416
29.39. GE Security .....	417
29.39.1. Company Profile.....	417
29.39.2. Video Surveillance Products.....	417
29.39.3. Contact Information .....	417
29.40. Genetec.....	417
29.40.1. Company Profile.....	417
29.40.2. Video Surveillance Products.....	418
29.40.3. Contact Information .....	418
29.41. Geovision .....	418
29.41.1. Company Profile.....	418
29.41.2. Video Surveillance Products.....	418
29.41.3. Contact Information .....	419
29.42. HASAM .....	419
29.42.1. Company Profile.....	419
29.42.2. Video Surveillance Products.....	420
29.42.3. Contact Information .....	420
29.43. Honeywell.....	420
29.43.1. Company Profile.....	420
29.43.2. Video Surveillance Products.....	420
29.43.3. Contact Information .....	421
29.44. IMINT Image Intelligence AB.....	421
29.44.1. Company Profile.....	421
29.44.2. Video Surveillance Products.....	421
29.44.3. Contact Information .....	422
29.45. IndigoVision.....	422
29.45.1. Company Profile.....	422
29.45.2. Video Surveillance Products.....	422
29.45.3. Contact Information .....	422
29.46. Intellivid .....	422
29.46.1. Company Profile.....	422
29.46.2. Video Surveillance Products.....	423
29.46.3. Contact Information .....	423
29.47. Intergraph Corporation .....	423
29.47.1. Company Profile.....	423
29.47.2. Video Surveillance Products.....	423
29.47.3. Contact Information .....	423
29.48. IntuVision Inc.....	424
29.48.1. Company Profile.....	424
29.48.2. Video Surveillance Products.....	424
29.48.3. Contact Information .....	424
29.49. Ioimage .....	424
29.49.1. Company Profile.....	424
29.49.2. Video Surveillance Products.....	424
29.49.3. Contact Information .....	425
29.50. IPConfigure .....	425
29.50.1. Company Profile.....	425
29.50.2. Video Surveillance Products.....	425
29.50.3. Contact Information .....	425

29.51. IPS Intelligent Video Analytics.....	425
29.51.1. Company Profile.....	425
29.51.2. Video Surveillance Products.....	425
29.51.3. Contact Information .....	426
29.52. Ipsotek.....	426
29.52.1. Company Profile.....	426
29.52.2. Video Surveillance Products.....	426
29.52.3. Contact Information .....	427
29.53. IQinVision .....	427
29.53.1. Company Profile .....	427
29.53.2. Video Surveillance Products.....	427
29.53.3. Contact Information .....	428
29.54. ISS .....	428
29.54.1. Company Profile .....	428
29.54.2. Video Surveillance Products.....	428
29.54.3. Contact Information .....	428
29.55. ITT EchoStorm .....	429
29.55.1. Company Profile .....	429
29.55.2. Video Surveillance Products.....	429
29.55.3. Contact Information .....	429
29.56. L-3 Communications Holdings Inc.....	429
29.56.1. Company Profile .....	429
29.56.2. Video Surveillance Products.....	430
29.56.3. Contact Information .....	430
29.57. Lockheed Martin Corporation .....	430
29.57.1. Company Profile .....	430
29.57.2. Video Surveillance Products.....	431
29.57.3. Contact Information .....	431
29.58. LuxRiot .....	431
29.58.1. Company Profile .....	431
29.58.2. Video Surveillance Products.....	431
29.58.3. Contact Information .....	431
29.59. MACROSCOP .....	431
29.59.1. Company Profile .....	431
29.59.2. Video Surveillance Products.....	431
29.59.3. Contact Information .....	432
29.60. March Networks .....	432
29.60.1. Company Profile .....	432
29.60.2. Video Surveillance Products.....	432
29.60.3. Contact Information .....	432
29.61. Mate Intelligent Video Ltd.....	432
29.61.1. Company Profile .....	432
29.61.2. Video Surveillance Products.....	433
29.61.3. Contact Information .....	433
29.62. Matrix Vision.....	434
29.62.1. Company Profile .....	434
29.62.2. Video Surveillance Products.....	434
29.62.3. Contact Information .....	434
29.63. MDS .....	435

29.63.1. Company Profile .....	435
29.63.2. Video Surveillance Products.....	435
29.63.3. Contact Information .....	436
29.64. Milestone Systems A/S .....	436
29.64.1. Company Profile.....	436
29.64.2. Video Surveillance Products.....	436
29.64.3. Contact Information .....	436
29.65. Mirasys.....	436
29.65.1. Company Profile.....	436
29.65.2. Video Surveillance Products.....	437
29.65.3. Contact Information .....	437
29.66. Mobotix.....	437
29.66.1. Company Profile.....	437
29.66.2. Video Surveillance Products.....	437
29.66.3. Contact Information .....	438
29.67. MTS.....	438
29.67.1. Company Profile.....	438
29.67.2. Video Surveillance Products.....	438
29.67.3. Contact Information .....	438
29.68. National Instruments .....	439
29.68.1. Company Profile.....	439
29.68.2. Video Surveillance Products.....	439
29.68.3. Contact Information .....	439
29.69. NetPosa Technologies, Ltd. ....	440
29.69.1. Company Profile.....	440
29.69.2. Video Surveillance Products.....	440
29.69.3. Contact Information .....	440
29.70. NICE Systems.....	440
29.70.1. Company Profile.....	440
29.70.2. Video Surveillance Products.....	441
29.70.3. Contact Information .....	441
29.71. Northrop Grumman Corporation.....	441
29.71.1. Company Profile.....	441
29.71.2. Video Surveillance Products.....	442
29.71.3. Contact Information .....	442
29.72. Nuuo.....	442
29.72.1. Company Profile.....	442
29.72.2. Video Surveillance Products.....	442
29.72.3. Contact Information .....	443
29.73. ObjectVideo.....	443
29.73.1. Company Profile.....	443
29.73.2. Video Surveillance Products.....	444
29.73.3. Contact Information .....	444
29.74. On-Net Surveillance Systems .....	444
29.74.1. Company Profile.....	444
29.74.2. Video Surveillance Products.....	444
29.74.3. Contact Information .....	445
29.75. PCI-Suntek Technology Co., Ltd.....	445
29.75.1. Company Profile.....	445

29.75.2. Video Surveillance Products.....	445
29.75.3. Contact Information .....	445
29.76. Pelco .....	446
29.76.1. Company Profile.....	446
29.76.2. Video Surveillance Products.....	446
29.76.3. Contact Information .....	446
29.77. Pivot3 .....	446
29.77.1. Company Profile.....	446
29.77.2. Video Surveillance Products.....	447
29.77.3. Contact Information .....	447
29.78. Pixim .....	447
29.78.1. Company Profile.....	447
29.78.2. Video Surveillance Products.....	447
29.78.3. Contact Information .....	447
29.79. Proximex .....	447
29.79.1. Company Profile.....	447
29.79.2. Video Surveillance Products.....	448
29.79.3. Contact Information .....	448
29.80. PV Labs.....	448
29.80.1. Company Profile.....	448
29.80.2. Video Surveillance Products.....	448
29.80.3. Contact Information .....	448
29.81. Raytheon Company.....	449
29.81.1. Company Profile.....	449
29.81.2. Video Surveillance Products.....	449
29.81.3. Contact Information .....	449
29.82. Salient Stills.....	449
29.82.1. Company Profile.....	449
29.82.2. Video Surveillance Products.....	450
29.82.3. Contact Information .....	450
29.83. Samsung Techwin.....	450
29.83.1. Company Profile.....	450
29.83.2. Video Surveillance Products.....	450
29.83.3. Contact Information .....	451
29.84. Sarnoff Corporation .....	451
29.84.1. Company Profile.....	451
29.84.2. Video Surveillance Products.....	451
29.84.3. Contact Information .....	451
29.85. SeeTec.....	451
29.85.1. Company Profile.....	451
29.85.2. Video Surveillance Products.....	452
29.85.3. Contact Information .....	452
29.86. Sentient .....	452
29.86.1. Company Profile.....	452
29.86.2. Video Surveillance Products.....	452
29.86.3. Contact Information .....	453
29.87. Siemens .....	453
29.87.1. Company Profile.....	453
29.87.2. Video Surveillance Products.....	454

29.87.3. Contact Information .....	455
29.88. SightLogix .....	455
29.88.1. Company Profile.....	455
29.88.2. Video Surveillance Products.....	455
29.88.3. Contact Information .....	455
29.89. Smartvue.....	455
29.89.1. Company Profile.....	455
29.89.2. Video Surveillance Products.....	456
29.89.3. Contact Information .....	456
29.90. Sony .....	456
29.90.1. Company Profile.....	456
29.90.2. Video Surveillance Products.....	456
29.90.3. Contact Information .....	457
29.91. Synectics .....	457
29.91.1. Company Profile.....	457
29.91.2. Video Surveillance Products.....	458
29.91.3. Contact Information .....	458
29.92. Synesis.....	458
29.92.1. Company Profile.....	458
29.92.2. Video Surveillance Products.....	458
29.92.3. Contact Information .....	458
29.93. Texas Instruments.....	459
29.93.1. Company Profile .....	459
29.93.2. Video Surveillance Products.....	459
29.93.3. Contact Information .....	461
29.94. Thales Group .....	461
29.94.1. Company Profile.....	461
29.94.2. Video Surveillance Products.....	462
29.94.3. Contact Information .....	462
29.95. V.A.S. GmbH.....	462
29.95.1. Company Profile.....	462
29.95.2. Video Surveillance Products.....	463
29.95.3. Contact Information .....	463
29.96. VDG Security BV.....	463
29.96.1. Company Profile .....	463
29.96.2. Video Surveillance Products.....	463
29.96.3. Contact Information .....	463
29.97. Verint.....	463
29.97.1. Company Profile .....	463
29.97.2. Video Surveillance Products.....	464
29.97.3. Contact Information .....	464
29.98. Viasys Intelligent Video Analytics .....	464
29.98.1. Company Profile .....	464
29.98.2. Video Surveillance Products.....	464
29.98.3. Contact Information .....	464
29.99. Vicon .....	465
29.99.1. Company Profile .....	465
29.99.2. Video Surveillance Products.....	465
29.99.3. Contact Information .....	465

29.100. Videalert Ltd.....	465
29.100.1. Company Profile .....	465
29.100.2. Video Surveillance Products.....	465
29.100.3. Contact Information .....	466
29.101. VideoBank.....	466
29.101.1. Company Profile .....	466
29.101.2. Video Surveillance Products.....	466
29.101.3. Contact Information .....	466
29.102. VideoIQ.....	466
29.102.1. Company Profile .....	466
29.102.2. Video Surveillance Products.....	467
29.102.3. Contact Information .....	467
29.103. VideoMining .....	467
29.103.1. Company Profile .....	467
29.103.2. Video Surveillance Products.....	467
29.103.3. Contact Information .....	467
29.104. VideoNext .....	468
29.104.1. Company Profile .....	468
29.104.2. Video Surveillance Products.....	468
29.104.3. Contact Information .....	468
29.105. Vident.....	468
29.105.1. Company Profile .....	468
29.105.2. Video Surveillance Products.....	469
29.105.3. Contact Information .....	469
29.106. Vigilant Systems .....	469
29.106.1. Company Profile .....	469
29.106.2. Video Surveillance Products.....	469
29.106.3. Contact Information .....	470
29.107. Vi-system .....	470
29.107.1. Company Profile .....	470
29.107.2. Video Surveillance Products.....	470
29.107.3. Contact Information .....	471
29.108. WeCU Technologies Ltd .....	471
29.108.1. Company Profile .....	471
29.108.2. Video Surveillance Products.....	471
29.108.3. Contact Information .....	472
29.109. Westec.....	472
29.109.1. Company Profile .....	472
29.109.2. Video Surveillance Products.....	472
29.109.3. Contact Information .....	473
29.110. Zhejiang Dahua Technology .....	473
29.110.1. Company Profile .....	473
29.110.2. Video Surveillance Products.....	473
29.110.3. Contact Information .....	473

## List of Tables

Table 1 - Global Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] – 2011 & 2020 .....	39
Table 2 - Global Intelligent Video Surveillance, ISR & Video Analytics Market by Vertical Submarket and Region [\$M] – 2011, 2020 .....	56
Table 3 - Global Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Vertical Market – 2011-2020 .....	58
Table 4 - Global Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Vertical Submarket – 2011-2020 .....	60
Table 5 - Global Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Vertical Submarket – 2012-2020 .....	62
Table 6 - Global Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Region – 2011-2020 .....	63
Table 7 - Global Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Region – 2011-2020 .....	64
Table 8 - Global Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region - 2012-2020.....	65
Table 9 - Video Analytics Market: Business Opportunities .....	81
Table 10 - Retica Remote Biometric System Performance .....	96
Table 11 - Video Content Analysis Functions and Description.....	117
Table 12 - Pipeline VCA: Sub-Systems, Technology, Technology Challenges and Target Performance .....	120
Table 13 - Global Intelligent Video Surveillance, ISR & Video Analytics Market by Vertical Submarket and Region [\$M] – 2011, 2020 .....	163
Table 14 - Global Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Vertical Market – 2011-2020 .....	165
Table 15 - Global Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Vertical Submarket – 2011-2020 .....	167
Table 16 - Global Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Vertical Submarket – 2012-2020 .....	169
Table 17 - Global Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Region – 2011-2020 .....	170
Table 18 - Global Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Region – 2011-2020 .....	171
Table 19 - Global Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region - 2012-2020.....	172
Table 20 - National Intelligent Video Surveillance, ISR & Video Analytics Markets, Ranked by Cumulative 2014-2020 Market [\$B].....	173
Table 21 - National Intelligent Video Surveillance, ISR & Video Analytics Markets, Ranked by 2013-2020 CAGR [%] .....	175
Table 22 - UAV Technology Outlook – 2009-2034.....	179
Table 23 - The U.S. DOD ISR, Target Recognition and Surveillance UAV Inventory by Model .....	181
Table 24 - Acquisition Cost [\$Millions of 2011 Dollars] of Medium-Sized and Large Unmanned Aircraft Systems (DOD 2012 Plan) .....	183

Table 25 - Global Defense, Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020.....	196
Table 26 - Global Defense, ISR & Intelligent Video Surveillance & Video Analytics Market Shares by Region [%] – 2011-2020 .....	197
Table 27 - Global Defense, ISR & Intelligent Video Surveillance & Video Analytics Market AGR [%] by Region – 2012-2020.....	198
Table 28 - Americas Defense, ISR, IVS & VA Market [\$M] – 2011-2020 .....	200
Table 29 - Americas Defense, ISR , IVS & VA Market AGR [%] - 2012-2020 .....	201
Table 30 - EMEA Defense, ISR , IVS & VA Market [\$M] – 2011-2020 .....	202
Table 31 - EMEA Defense, ISR, IVS & VA Market AGR [%] - 2012-2020.....	203
Table 32 - Asia-Pacific Defense, ISR, IVS & VA Market [\$M] – 2011-2020 .....	204
Table 33 - Asia-Pacific Defense, ISR, IVS & VA Market AGR [%] - 2012-2020 .....	206
Table 34 - Critical Infrastructure Protection Market Sectors .....	209
Table 35 - Global Critical Infrastructure Security Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	210
Table 36 - Global Critical Infrastructure Security Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] – 2011-2020 .....	211
Table 37 - Global Critical Infrastructure Security Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020.....	212
Table 38 - Americas Critical Infrastructure IVS Based Security Market [\$M] – 2011-2020 .....	213
Table 39 - Americas Critical Infrastructure IVS Based Security Market AGR [%] - 2012-2020.....	214
Table 40 - Europe, Middle East & Africa Critical Infrastructure IVS Based Security Market [\$M] – 2011-2020 .....	215
Table 41 - Europe, Middle East & Africa Critical Infrastructure IVS Based Security Market AGR [%] - 2012-2020 .....	216
Table 42 - Asia-Pacific Critical Infrastructure IVS Based Security Market [\$M] – 2011-2020 .....	217
Table 43 - Asia-Pacific Critical Infrastructure IVS Based Security Market AGR [%] - 2012-2020 .....	219
Table 44 - Global Transportation & Logistics Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	223
Table 45 - Global Transportation & Logistics Intelligent Video Surveillance & Video Analytics Market Shares by Region [%] – 2011-2020.....	224
Table 46 - Global Transportation & Logistics Intelligent Video Surveillance & Video Analytics Market AGR [%] by Region – 2012-2020.....	225
Table 47 - Americas Transportation & Logistics IVS & VA Market [\$M] – 2011-2020 .....	226

Table 48 - Americas Transportation & Logistics IVS & VA Market AGR [%] - 2012-2020.....	227
Table 49 - EMEA Transportation & Logistics IVS & VA Market [\$M] – 2011-2020.....	228
Table 50 - EMEA Transportation & Logistics IVS & VA Market AGR [%] - 2012-2020.....	229
Table 51 - Asia-Pacific Transportation & Logistics IVS & VA Market [\$M] – 2011-2020 .....	230
Table 52 - Asia-Pacific Transportation & Logistics IVS & VA Market AGR [%] - 2012-2020.....	231
Table 53 - Aviation IVS Based Security Business Opportunities.....	240
Table 54 - Global Largest Throughput Ports - 2008-2011 [Million Ton].....	243
Table 55 - Maritime IVS Based Security Growth Sectors .....	244
Table 56 - Maritime IVS Based Security Market: Business Opportunities .....	245
Table 57 - Global Aviation & Maritime Security Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	246
Table 58 - Global Aviation & Maritime Security Intelligent Video Surveillance & Video Analytics Market Shares by Region [%] – 2011-2020.....	247
Table 59 - Global Aviation & Maritime Security Intelligent Video Surveillance & Video Analytics Market AGR [%] by Region – 2012-2020.....	248
Table 60 Americas Aviation & Maritime IVS Based Security Market [\$M] – 2011-2020 .....	249
Table 61 - Americas Aviation & Maritime IVS Based Security Market AGR [%] - 2012-2020.....	250
Table 62 - EMEA Aviation & Maritime IVS Based Security Market [\$M] – 2011-2020.....	251
Table 63 - EMEA Aviation & Maritime IVS Based Security Market AGR [%] - 2012-2020.....	252
Table 64 - Asia-Pacific Aviation & Maritime IVS Based Security Market [\$M] – 2011-2020 .....	253
Table 65 - Asia-Pacific Aviation & Maritime IVS Based Security Market AGR [%] - 2012-2020.....	254
Table 66 - Global Safe Cities & Smart Cities Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	262
Table 67 - Global Safe Cities & Smart Cities Intelligent Video Surveillance & Video Analytics Market Shares by Region [%] – 2011-2020.....	263
Table 68 - Global Safe Cities & Smart Cities Intelligent Video Surveillance & Video Analytics Market AGR [%] by Region – 2012-2020.....	264
Table 69 - Americas Safe Cities & Smart Cities IVS & VA Market [\$M] – 2011-2020 .....	266
Table 70 - Americas Safe Cities & Smart Cities IVS & VA Market AGR [%] - 2012-2020.....	267

Table 71 - EMEA Safe Cities & Smart Cities IVS & VA Market [\$M] – 2011-2020.....	268
Table 72 - EMEA Safe Cities & Smart Cities IVS & VA Market AGR [%] - 2012-2020.....	269
Table 73 - Asia-Pacific Safe Cities & Smart Cities IVS & VA Market [\$M] – 2011-2020.....	270
Table 74 - Asia-Pacific Safe Cities & Smart Cities IVS & VA Market AGR [%] - 2012-2020.....	271
Table 75 - IVS Based Border Security Sub-Market Growth Sectors .....	276
Table 76 - Global Border Security Intelligent Video Surveillance & Video Analytics Market by Region [\$M] – 2011-2020.....	276
Table 77 - Global Border Security Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] – 2011- 2020 .....	277
Table 78 - Global Border Security Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020.....	278
Table 79 - Americas Border IVS Based Security Market [\$M] – 2011- 2020 .....	279
Table 80 - Americas Border IVS Based Security Market AGR [%] - 2012-2020.....	280
Table 81 - EMEA Border IVS Based Security Market [\$M] – 2011-2020.....	281
Table 82 - EMEA Border IVS Based Security Market AGR [%] - 2012- 2020 .....	282
Table 83 - Asia-Pacific Border IVS Based Security Market [\$M] – 2011- 2020 .....	283
Table 84 - Asia-Pacific Border IVS Based Security Market AGR [%] - 2012-2020.....	284
Table 85 - Global Commercial & Public Buildings Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	287
Table 86 - Global Commercial & Public Buildings Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] – 2011-2020 .....	288
Table 87 - Global Commercial & Public Buildings Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020.....	289
Table 88 - Americas Commercial & Public Buildings IVS & VA Market [\$M] – 2011-2020 .....	290
Table 89 - Americas Commercial & Public Buildings IVS & VA Market AGR [%] - 2012-2020.....	292
Table 90 - EMEA Commercial & Public Buildings IVS & VA Market [\$M] – 2011-2020.....	293
Table 91 - EMEA Commercial & Public Buildings IVS & VA Market AGR [%] - 2012-2020.....	294
Table 92 - Asia-Pacific Commercial & Public Buildings IVS & VA Market [\$M] – 2011-2020 .....	295
Table 93 - Asia-Pacific Commercial & Public Buildings IVS & VA Market AGR [%] - 2012-2020.....	297

Table 94 - Global Entertainment & Casinos Security Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	299
Table 95 - Global Entertainment & Casinos Security Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] – 2011-2020 .....	300
Table 96 - Global Entertainment & Casinos Security Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020.....	301
Table 97 - Americas Entertainment & Casinos IVS Based Security Market [\$M] – 2011-2020 .....	302
Table 98 - Americas Entertainment & Casinos IVS Based Security Market AGR [%] - 2012-2020 .....	304
Table 99 - EMEA Entertainment & Casinos IVS Based Security Market [\$M] – 2011-2020 .....	305
Table 100 - EMEA Entertainment & Casinos IVS Based Security Market AGR [%] - 2012-2020.....	306
Table 101 - Asia-Pacific Entertainment & Casinos IVS Based Security Market [\$M] – 2011-2020 .....	307
Table 102 - Asia-Pacific Entertainment & Casinos IVS Based Security Market AGR [%] - 2012-2020 .....	309
Table 103 - Global Retail Industry Intelligent Video Surveillance & Video Analytics Market by Region [\$M] – 2011-2020.....	317
Table 104 - Global Retail Industry Intelligent Video Surveillance & Video Analytics Market Shares by Region [%] – 2011-2020 .....	318
Table 105 - Global Retail Industry Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020.....	319
Table 106 - Americas Retail Industry IVS & VA Market [\$M] – 2011-2020 .....	320
Table 107 - Americas Retail Industry IVS & VA Market AGR [%] - 2012-2020 .....	322
Table 108 - EMEA Retail Industry IVS & VA Market [\$M] – 2011-2020 .....	323
Table 109 - EMEA Retail Industry IVS & VA Market AGR [%] - 2012-2020 .....	325
Table 110 - Asia-Pacific Retail Industry IVS & VA Market [\$M] – 2011-2020 .....	326
Table 111 - Asia-Pacific Retail Industry IVS & VA Market AGR [%] - 2012-2020 .....	327
Table 112 - Global Residential Security Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	331
Table 113 - Global Residential Security Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] – 2011-2020 .....	332
Table 114 - Global Residential Security Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020 .....	333
Table 115 - Americas Residential IVS Based Security Market [\$M] – 2011-2020 .....	334

Table 116 - Americas Residential IVS Based Security Market AGR [%] - 2012-2020.....	335
Table 117 - EMEA Residential IVS Based Security Market [\$M] – 2011-2020 .....	336
Table 118 - EMEA Residential IVS Based Security Market AGR [%] - 2012-2020.....	337
Table 119 - Asia-Pacific Residential IVS Based Security Market [\$M] – 2011-2020.....	339
Table 120 - Asia-Pacific Residential IVS Based Security Market AGR [%] - 2012-2020.....	341
Table 121 - Global Other Applications Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	343
Table 122 - Global Other Applications Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] – 2011-2020 .....	344
Table 123 - Global Other Applications Intelligent Video Surveillance & Video Analytics Market AGR [%] by Region – 2012-2020.....	345
Table 124 - Americas Other Applications IVS & VA Market [\$M] – 2011-2020 .....	346
Table 125 - Americas Other Applications IVS & VA Market AGR [%] - 2012-2020.....	347
Table 126 - EMEA Other Applications IVS & VA Market [\$M] – 2011-2020 .....	348
Table 127 - EMEA Other Applications IVS & VA Market AGR [%] - 2012-2020 .....	349
Table 128 - Asia-Pacific Other Applications IVS & VA Market [\$M] – 2011-2020 .....	350
Table 129 - Asia-Pacific Other Applications IVS & VA Market AGR [%] - 2012-2020 .....	351
Table 130 - Americas Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Vertical Submarket - 2011-2020.....	353
Table 131 - Americas Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Vertical Submarket - 2011-2020 .....	355
Table 132 - Americas Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Vertical Submarket - 2012-2020 .....	357
Table 133 - Americas National Intelligent Video Surveillance, ISR & Video Analytics Markets, Ranked by Cumulative 2014-2020 Market [\$B].....	358
Table 134 - Americas National Intelligent Video Surveillance, ISR & Video Analytics Markets, Ranked by 2013-2020 CAGR [%].....	360
Table 135 - ME&A Population [M] and GDP [\$B] by Country – 2013 .....	362
Table 136 - ME&A 2013 Military Personnel and Military Expenditures [\$M] by Country.....	363
Table 137 - EMEA Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Vertical Submarket - 2011- 2020 .....	370

Table 138 - EMEA Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Vertical Submarket - 2011-2020 .....	372
Table 139 - EMEA Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Vertical Submarket - 2012-2020 .....	374
Table 140 - EMEA National Intelligent Video Surveillance, ISR & Video Analytics Markets, Ranked by Cumulative 2014-2020 Market [\$B].....	375
Table 141 - EMEA National Intelligent Video Surveillance, ISR & Video Analytics Markets, Ranked by 2013-2020 CAGR [%] .....	377
Table 142 - Asia-Pacific Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Vertical Submarket - 2011-2020.....	379
Table 143 - Asia-Pacific Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Vertical Submarket - 2011-2020 .....	381
Table 144 - Asia-Pacific Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Vertical Submarket - 2012- 2020 .....	383
Table 145 - Asia-Pacific National Intelligent Video Surveillance, ISR & Video Analytics Markets, Ranked by Cumulative 2014- 2020 Market [\$B].....	384
Table 146 - Asia-Pacific National Intelligent Video Surveillance, ISR & Video Analytics Markets, Ranked by 2013-2020 CAGR [%].....	386

## **List of Figures**

Figure 1 - Video Surveillance Technologies Timeline .....	40
Figure 2 - Video Analytics System: Block Diagram .....	41
Figure 3 - Standoff Biometric People Screening Using Video Analytics .....	42
Figure 4 - Video Analytics Architecture .....	43
Figure 5 - Post Warranty IVS Based Systems Revenue Generation Sources .....	54
Figure 6 - Global IVS & VA Market Chart .....	55
Figure 7 - Global Cumulative 2013-2020 Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Vertical Submarket .....	57
Figure 8 - Global Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Vertical Submarket – 2011-2020 .....	59
Figure 9 - Global Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Vertical Submarket – 2011, 2020 .....	61
Figure 10 - Global Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Region - 2011-2020 .....	63
Figure 11 - Global Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Region – 2011, 2020 .....	64
Figure 12 - Global Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020 .....	65
Figure 13 - Multilateral European – North American Cooperation .....	67
Figure 14 - Intelligent Video Surveillance, ISR & Video Analytics Market – Competitive Analysis .....	79
Figure 15 - Security Related Intelligent Video Surveillance: Performance Criteria Chart .....	80
Figure 16 - Checkpoint, Fused People & LPR CCTV Surveillance Setup .....	84
Figure 17 - Standoff Biometric People Screening Using Biometric Intelligent Video Surveillance .....	89
Figure 18 - CCTV Surveillance Notice .....	91
Figure 19 - The USA Terrorist Watch List and Screening Flowchart .....	94
Figure 20 - Field of View of a Fused Video Surveillance and Biometrics .....	95
Figure 21 - An IVS Based Biometric Portal Layout .....	96
Figure 22 - Future People/Baggage Screening .....	97
Figure 23 - Profiling and Behavior Tracking – Principles of Operation .....	100
Figure 24 - Highway Monitored by an Intelligent Transportation System .....	103
Figure 25 - Police Application of Wireless Video Analytics .....	105
Figure 26 - Cloud Based Video Analytics Architecture .....	107
Figure 27 - Architecture of Video Understanding Systems .....	110
Figure 28 - Video Analytics Architecture .....	111
Figure 29 - VCA Block Diagram and Data Flow .....	119
Figure 30 - Unattended Item Detection Algorithm Flow Chart .....	132
Figure 31 - Visual Intelligence Process .....	136
Figure 32 - ROSS Covert Multi modal Ground ISR System .....	141
Figure 33 - SkyStar 100 Mini Aerostat .....	142
Figure 34 - Capture of Hierarchical Temporal Structure .....	143

Figure 35 - Mobileye Detects: Lane Departure, Forward Collision Monitoring, Headway Monitoring, Speed Indication, Intelligent High Beam and Pedestrian Collision Monitoring .....	146
Figure 36 - "Lane Keeping" Mode .....	148
Figure 37 - A Portable ISR Video Surveillance Kit .....	155
Figure 38 - Global Cumulative 2013-2020 Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Vertical Submarket.....	164
Figure 39 - Global Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Vertical Submarket – 2011-2020 .....	166
Figure 40 - Global Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Vertical Submarket – 2011, 2020.....	168
Figure 41 - Global Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Region - 2011-2020.....	170
Figure 42 - Global Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Region – 2011, 2020.....	171
Figure 43 - Global Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020 .....	172
Figure 44 - The 10 Leading Intelligent Video Surveillance, ISR & Video Analytics National Markets by Cumulative 2014-2020 Market [\$B].....	174
Figure 45 - The 10 Leading Intelligent Video Surveillance, ISR & Video Analytics National Markets by 2013-2020 CAGR [%].....	176
Figure 46 - Visual Intelligence Architecture .....	178
Figure 47 - Harris Full Video Analytics System, Block Diagram .....	193
Figure 48 - Global Defense, Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020.....	197
Figure 49 - Global Defense, ISR & Intelligent Video Surveillance & Video Analytics Market Shares by Region [%] - 2011, 2020 .....	198
Figure 50 - Global Defense ISR, Intelligent Video Surveillance & Video Analytics Market AGR [%] by Region – 2012-2020.....	199
Figure 51 - Americas Defense, ISR , IVS & VA Market [\$M] – 2011- 2020 .....	201
Figure 52 - Americas Defense, ISR, IVS & VA Market AGR [%] - 2012- 2020 .....	202
Figure 53 - EMEA Defense, ISR, IVS & VA Market [\$M] – 2011-2020.....	203
Figure 54 - EMEA Defense, ISR, IVS & VA Market AGR [%] - 2012- 2020 .....	204
Figure 55 - Asia-Pacific Defense, ISR, IVS & VA Market [\$M] – 2011- 2020 .....	205
Figure 56 - Asia-Pacific Defense, ISR, IVS & VA Market AGR [%] - 2012-2020 .....	206
Figure 57 - Critical Infrastructure Sectors Dependencies and Interdependencies.....	208
Figure 58 - Private Sector Critical Infrastructure .....	208
Figure 59 - Global Critical Infrastructure Security Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	211

Figure 60 - Global Critical Infrastructure Security Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] - 2011, 2020 .....	212
Figure 61 - Global Critical Infrastructure Security Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020.....	213
Figure 62 - Americas Critical Infrastructure IVS Based Security Market [\$M] – 2011-2020.....	214
Figure 63 - Americas Critical Infrastructure IVS Based Security Market AGR [%] - 2012-2020.....	215
Figure 64 - Europe, Middle East & Africa Critical Infrastructure IVS Based Security Market [\$M] – 2011-2020 .....	216
Figure 65 - EMEA Critical Infrastructure IVS Based Security Market AGR [%] - 2012-2020.....	217
Figure 66 - Asia-Pacific Critical Infrastructure IVS Based Security Market [\$M] – 2011-2020 .....	218
Figure 67 - Asia-Pacific Critical Infrastructure IVS Based Security Market AGR [%] - 2012-2020 .....	219
Figure 68 - Cargo Theft Percentage by Product Type.....	220
Figure 69 - Global Transportation & Logistics Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	224
Figure 70 - Global Transportation & Logistics Intelligent Video Surveillance & Video Analytics Market Shares by Region [%] - 2011, 2020.....	225
Figure 71 - Global Transportation & Logistics Intelligent Video Surveillance & Video Analytics Market AGR [%] by Region – 2012-2020.....	226
Figure 72 - Americas Transportation & Logistics IVS & VA Market [\$M] – 2011-2020 .....	227
Figure 73 - Americas Transportation & Logistics IVS & VA Market AGR [%] - 2012-2020.....	228
Figure 74 - EMEA Transportation & Logistics IVS & VA Market [\$M] – 2011-2020 .....	229
Figure 75 - EMEA Transportation & Logistics IVS & VA Market AGR [%] - 2012-2020.....	230
Figure 76 - Asia-Pacific Transportation & Logistics IVS & VA Market [\$M] – 2011-2020 .....	231
Figure 77 - Asia-Pacific Transportation & Logistics IVS & VA Market AGR [%] - 2012-2020.....	232
Figure 78 - Layered Aviation Security Infrastructure .....	234
Figure 79 - Airport Security Roadmap .....	235
Figure 80 - Global Air Travel Growth -1980-2012 .....	237
Figure 81 - Boeing Global Air Travel Growth Forecast by Geography [%] - 2012-2020.....	238
Figure 82 - Global Air Traffic Forecast [\$B] - 2011-2031.....	239
Figure 83 - The Global Air Cargo Growth [\$B] - 1980-2011 .....	239
Figure 84 - Drivers of Air Travel Growth.....	240
Figure 85 - Maritime Security – Mixed Mode Approach.....	242

Figure 86 - Seaport Area Key Port Stakeholders .....	245
Figure 87 - Global Aviation & Maritime Security Intelligent Video Surveillance & Video Analytics Market by Region [\$M] – 2011-2020 .....	247
Figure 88 - Global Aviation & Maritime Security Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] - 2011, 2020 .....	248
Figure 89 - Global Aviation & Maritime Security Intelligent Video Surveillance & Video Analytics Market AGR [%] by Region – 2012-2020.....	249
Figure 90 - Americas Aviation & Maritime IVS Based Security Market [\$M] – 2011-2020 .....	250
Figure 91 - Americas Aviation & Maritime IVS Based Security Market AGR [%] - 2012-2020.....	251
Figure 92 - EMEA Aviation & Maritime IVS Based Security Market [\$M] – 2011-2020 .....	252
Figure 93 - EMEA Aviation & Maritime IVS Based Security Market AGR [%] - 2012-2020.....	253
Figure 94 - Asia-Pacific Aviation & Maritime IVS Based Security Market [\$M] – 2011-2020 .....	254
Figure 95 - Asia-Pacific Aviation & Maritime IVS Based Security Market AGR [%] - 2012-2020.....	255
Figure 96 - Smart City Platform Services .....	257
Figure 97 - Safe City vs. Smart City .....	258
Figure 98 - Smart City vs. Safe City Overlapping IVS & VA Based Missions .....	258
Figure 99 - Safe City Architecture & Functions .....	260
Figure 100 - Global Safe Cities & Smart Cities Intelligent Video Surveillance & Video Analytics Market by Region [\$M] – 2011-2020 .....	262
Figure 101 - Global Safe Cities & Smart Cities Intelligent Video Surveillance & Video Analytics Market Shares by Region [%] - 2011, 2020.....	263
Figure 102 - Global Safe Cities & Smart Cities Intelligent Video Surveillance & Video Analytics Market AGR [%] by Region – 2012-2020.....	264
Figure 103 - Americas Safe Cities & Smart Cities IVS & VA Market [\$M] – 2011-2020 .....	266
Figure 104 - Americas Safe Cities & Smart Cities IVS & VA Market AGR [%] - 2012-2020.....	267
Figure 105 - EMEA Safe Cities & Smart Cities IVS & VA Market [\$M] – 2011-2020 .....	268
Figure 106 - EMEA Safe Cities & Smart Cities IVS & VA Market AGR [%] - 2012-2020.....	269
Figure 107 - Asia-Pacific Safe Cities & Smart Cities IVS & VA Market [\$M] – 2011-2020 .....	271
Figure 108 - Asia-Pacific Safe Cities & Smart Cities IVS & VA Market AGR [%] - 2012-2020.....	272

Figure 109 - Global Border Security Intelligent Video Surveillance & Video Analytics Market by Region [\$M] – 2011-2020.....	277
Figure 110 - Global Border Security Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] - 2011, 2020 .....	278
Figure 111 - Global Border Security Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020 .....	279
Figure 112 - Americas Border IVS Based Security Market [\$M] – 2011-2020 .....	280
Figure 113 - Americas Border IVS Based Security Market AGR [%] - 2012-2020.....	281
Figure 114 - EMEA Border IVS Based Security Market [\$M] – 2011-2020 .....	282
Figure 115 - EMEA Border IVS Based Security Market AGR [%] - 2012-2020 .....	283
Figure 116 - Asia-Pacific Border IVS Based Security Market [\$M] – 2011-2020 .....	284
Figure 117 - Asia-Pacific Border IVS Based Security Market AGR [%] - 2012-2020 .....	285
Figure 118 - Buildings Fused Multi-Modality Security System Architecture .....	286
Figure 119 - Global Commercial & Public Buildings Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	288
Figure 120 - Global Commercial & Public Buildings Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] - 2011, 2020 .....	289
Figure 121 - Global Commercial & Public Buildings Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020.....	290
Figure 122 - Americas Commercial & Public Buildings IVS & VA Market [\$M] – 2011-2020 .....	291
Figure 123 - Americas Commercial & Public Buildings IVS & VA Market AGR [%] - 2012-2020.....	292
Figure 124 - EMEA Commercial & Public Buildings IVS & VA Market [\$M] – 2011-2020 .....	294
Figure 125 - EMEA Commercial & Public Buildings IVS & VA Market AGR [%] - 2012-2020.....	295
Figure 126 - Asia-Pacific Commercial & Public Buildings IVS & VA Market [\$M] – 2011-2020 .....	296
Figure 127 - Asia-Pacific Commercial & Public Buildings IVS & VA Market AGR [%] - 2012-2020 .....	297
Figure 128 - Global Entertainment & Casinos Security Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	300
Figure 129 - Global Entertainment & Casinos Security Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] - 2011, 2020 .....	301

Figure 130 - Global Entertainment & Casinos Security Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020.....	302
Figure 131 - Americas Entertainment & Casinos IVS Based Security Market [\$M] – 2011-2020 .....	303
Figure 132 - Americas Entertainment & Casinos IVS Based Security Market AGR [%] - 2012-2020 .....	304
Figure 133 - EMEA Entertainment & Casinos IVS Based Security Market [\$M] – 2011-2020 .....	306
Figure 134 - EMEA Entertainment & Casinos IVS Based Security Market AGR [%] - 2012-2020 .....	307
Figure 135 - Asia-Pacific Entertainment & Casinos IVS Based Security Market [\$M] – 2011-2020 .....	308
Figure 136 - Asia-Pacific Entertainment & Casinos IVS Based Security Market AGR [%] - 2012-2020 .....	309
Figure 137 - Retail Customers' Demographics IVS Scenario .....	314
Figure 138 - Global Retail Industry Intelligent Video Surveillance & Video Analytics Market by Region [\$M] – 2011-2020.....	317
Figure 139 - Global Retail Industry Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] - 2011, 2020 .....	318
Figure 140 - Global Retail Industry Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020.....	319
Figure 141 - Americas Retail Industry IVS & VA Market [\$M] – 2011-2020 .....	321
Figure 142 - Americas Retail Industry IVS & VA Market AGR [%] - 2012-2020.....	322
Figure 143 - EMEA Retail Industry IVS & VA Market [\$M] – 2011-2020 .....	324
Figure 144 - EMEA Retail Industry IVS & VA Market AGR [%] - 2012-2020 .....	325
Figure 145 - Asia-Pacific Retail Industry IVS & VA Market [\$M] – 2011-2020 .....	327
Figure 146 - Asia-Pacific Retail Industry IVS & VA Market AGR [%] - 2012-2020 .....	328
Figure 147 - Residential Security Penetration .....	329
Figure 148 - Global Residential Security Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011-2020 .....	331
Figure 149 - Global Residential Security Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] - 2011, 2020 .....	332
Figure 150 - Global Residential Security Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012-2020 .....	333
Figure 151 - Americas Residential IVS Based Security Market [\$M] – 2011-2020 .....	335
Figure 152 - Americas Residential IVS Based Security Market AGR [%] - 2012-2020 .....	336

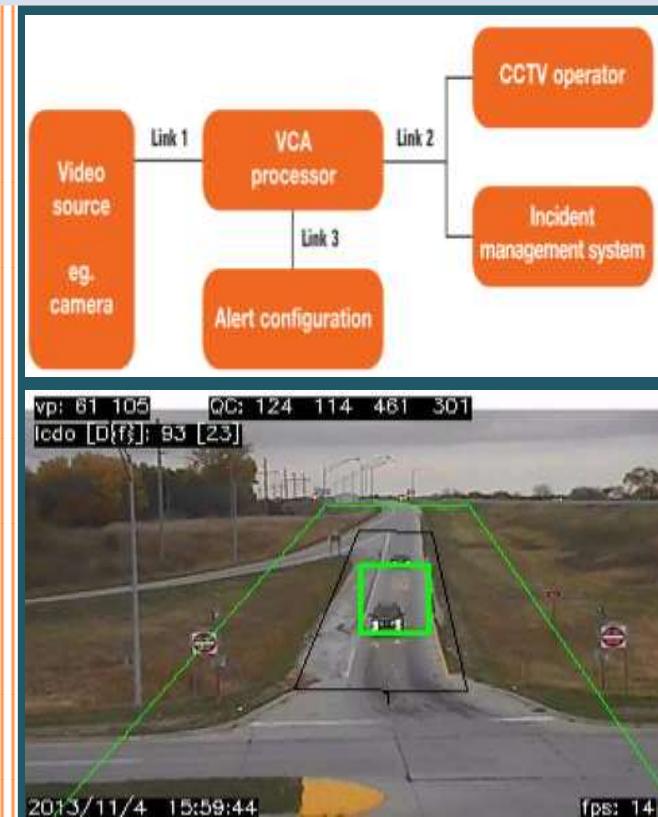
Figure 153 - EMEA Residential IVS Based Security Market [\$M] – 2011-2020 .....	337
Figure 154 - EMEA Residential IVS Based Security Market AGR [%] - 2012-2020 .....	338
Figure 155 - Asia-Pacific Residential IVS Based Security Market [\$M] – 2011-2020 .....	340
Figure 156 - Asia-Pacific Residential IVS Based Security Market AGR [%] - 2012-2020.....	341
Figure 157 - Public Event Video Management System Architecture .....	342
Figure 158 - Global Other Applications Intelligent Video Surveillance, ISR & Video Analytics Market by Region [\$M] – 2011- 2020 .....	343
Figure 159 - Global Other Applications Intelligent Video Surveillance, ISR & Video Analytics Market Shares by Region [%] - 2011, 2020 .....	344
Figure 160 - Global Other Applications Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Region – 2012- 2020 .....	345
Figure 161 - Americas Other Applications IVS & VA Market [\$M] – 2011-2020 .....	347
Figure 162 - Americas Other Applications IVS & VA Market AGR [%] - 2012-2020 .....	348
Figure 163 - EMEA Other Applications IVS & VA Market [\$M] – 2011- 2020 .....	349
Figure 164 - EMEA Other Applications IVS & VA Market AGR [%] - 2012-2020 .....	350
Figure 165 - Asia-Pacific Other Applications IVS & VA Market [\$M] – 2011-2020 .....	351
Figure 166 - Asia-Pacific Other Applications IVS & VA Market AGR [%] - 2012-2020 .....	352
Figure 167 - Americas Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Vertical Submarket - 2011-2020.....	354
Figure 168 - Americas Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Vertical Submarket – 2011, 2020 .....	356
Figure 169 - The Leading Americas Intelligent Video Surveillance, ISR & Video Analytics National Markets by Cumulative 2014- 2020 Market [\$B].....	359
Figure 170 - The Leading Intelligent Video Surveillance, ISR & Video Analytics National Markets by 2013-2020 CAGR [%].....	361
Figure 171 - ME&A Terror Attacks and Casualties -2010- Mid. 2014.....	365
Figure 172 - 2000-2013 Terror Attacks and Casualties by Country .....	367
Figure 173 - EMEA Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Vertical Submarket - 2011-2020.....	371
Figure 174 - EMEA Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Vertical Submarket – 2011, 2020 .....	373

Figure 175 - The Leading EMEA Intelligent Video Surveillance, ISR & Video Analytics National Markets by Cumulative 2014-2020 Market [\$B].....	376
Figure 176 - The Leading Intelligent Video Surveillance, ISR & Video Analytics National Markets by 2013-2020 CAGR [%].....	378
Figure 177 - Asia-Pacific Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Vertical Submarket - 2011-2020.....	380
Figure 178 - Asia-Pacific Intelligent Video Surveillance, ISR & Video Analytics Market Shares [%] by Vertical Submarket – 2011, 2020 .....	382
Figure 179 - The Leading Asia-Pacific Intelligent Video Surveillance, ISR & Video Analytics National Markets by Cumulative 2014-2020 Market [\$B].....	385
Figure 180 - The Leading Intelligent Video Surveillance, ISR & Video Analytics National Markets by 2013-2020 CAGR [%].....	387

2015-2020

# *Video Analytics, Intelligent Video Surveillance & ISR: Technologies and Global Market*

*Volume 2 – Countries Level*



*Homeland Security Research Corp.*

***Video Analytics, Intelligent Video  
Surveillance & ISR: Technologies,  
Industry & Global Market -  
2015-2020***

***Volume 2***

***December 2014***

## Table of Contents

<b>NATIONAL MARKETS .....</b>	<b>41</b>
<b>AMERICAS .....</b>	<b>41</b>
<b>1 The U.S. IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>41</b>
1.1 U.S. Intelligent Video Surveillance, ISR & Video Analytics Market Background.....	41
1.1.1 U.S. Facts and Figures .....	41
1.1.2 U.S. Security Politics .....	41
1.1.3 U.S. Economy.....	42
1.1.4 The U.S. Security Market.....	42
1.1.5 Crime in the U.S. ....	43
1.1.6 Terror in the U.S. ....	44
1.1.7 U.S. Police .....	44
1.1.8 U.S. Federal HLS Organizations.....	44
1.1.9 Air Passengers Checkpoint CCTV Support Program.....	46
1.1.10 CCTV Assisted Secure Flight Program.....	46
1.2 U.S. Intelligent Video Surveillance, ISR & Video Analytics Market....	47
1.2.1 Market Forecast - 2015-2020.....	47
1.2.2 Market Dynamics - 2015-2020.....	49
1.2.3 Market Share - 2015-2020.....	50
1.3 U.S. IVS, ISR & Video Analytics Market by Revenue Source .....	51
1.3.1 Market Forecast by Revenue Source – 2011-2020 .....	51
1.3.2 Market Dynamics by Revenue Source – 2011-2020.....	51
1.3.3 Market Breakdown by Revenue Source – 2011-2020 .....	53
<b>2 Canada IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>54</b>
2.1 Canada Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	54
2.1.1 Facts & Figures.....	54
2.1.2 Overview.....	54
2.1.3 Security Threat Assessment.....	54
2.1.4 The Canadian Economy .....	55
2.1.5 Canada Security Market .....	56
2.1.6 Crime in Canada.....	56
2.1.7 Terror in Canada.....	58
2.1.8 Canadian Police.....	58
2.1.9 Canada HLS & Public Safety Agencies .....	60
2.2 Canada Intelligent Video Surveillance, ISR & Video Analytics Market .....	61
2.2.1 Market Forecast - 2015-2020.....	61
2.2.2 Market Dynamics - 2015-2020.....	63
2.3 Canada IVS, ISR & Video Analytics Market by Revenue Source .....	64
2.3.1 Market Forecast by Revenue Source – 2011-2020 .....	64
2.3.2 Market Dynamics by Revenue Source – 2011-2020.....	64

2.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	66
<b>3</b>	<b>Mexico IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>67</b>
3.1	Mexico Intelligent Video Surveillance, ISR & Video Analytics	
Market Background .....	67	
3.1.1	Facts & Figures.....	67
3.1.2	Overview.....	67
3.1.3	Mexico Economy .....	68
3.1.4	Mexico Security Market.....	69
3.1.5	Mexico Security Industry.....	70
3.1.6	Crime in Mexico .....	70
3.1.7	Terror in Mexico.....	72
3.1.8	Mexican Police.....	72
3.1.9	Mexico HLS & Public Safety Agencies .....	73
3.2	Mexico Intelligent Video Surveillance, ISR & Video Analytics	
Market .....	75	
3.2.1	Market Forecast - 2015-2020.....	75
3.2.2	Market Dynamics - 2015-2020.....	77
3.3	Mexico IVS, ISR & Video Analytics Market by Revenue Source .....	78
3.3.1	Market Forecast by Revenue Source – 2011-2020 .....	78
3.3.2	Market Dynamics by Revenue Source – 2011-2020.....	79
3.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	80
<b>4</b>	<b>Colombia IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>81</b>
4.1	Colombia Intelligent Video Surveillance, ISR & Video Analytics	
Market Background .....	81	
4.1.1	Facts & Figures.....	81
4.1.2	Overview.....	81
4.1.3	Colombia Economy.....	82
4.1.4	Colombia Security Market.....	82
4.1.5	Crime in Colombia .....	82
4.1.6	Terror in Colombia .....	83
4.1.7	Colombia Police.....	83
4.2	Colombia Intelligent Video Surveillance, ISR & Video Analytics	
Market .....	84	
4.2.1	Market Forecast - 2015-2020.....	84
4.2.2	Market Dynamics - 2015-2020.....	86
4.3	Colombia IVS, ISR & Video Analytics Market by Revenue Source .....	87
4.3.1	Market Forecast by Revenue Source – 2011-2020 .....	87
4.3.2	Market Dynamics by Revenue Source – 2011-2020.....	87
4.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	89
<b>5</b>	<b>Brazil IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>90</b>
5.1	Brazil Intelligent Video Surveillance, ISR & Video Analytics Market	
Background .....	90	
5.1.1	Facts & Figures.....	90
5.1.2	Brazilian Economy .....	90

5.1.3	Brazil Geopolitical Analysis.....	91
5.1.4	Brazil Security Market.....	93
5.1.5	Crime in Brazil .....	94
5.1.6	Terror in Brazil .....	95
5.1.7	Brazil Police .....	95
5.1.8	Brazil HLS & Public Safety Agencies.....	96
5.1.9	Brazil Aviation Passenger Screening.....	96
5.2	Brazil Intelligent Video Surveillance, ISR & Video Analytics Market.	97
5.2.1	Market Forecast - 2015-2020.....	97
5.2.2	Market Dynamics - 2015-2020.....	99
5.2.3	Market Share - 2015-2020.....	100
5.3	Brazil IVS, ISR & Video Analytics Market by Revenue Source .....	101
5.3.1	Market Forecast by Revenue Source – 2011-2020 .....	101
5.3.2	Market Dynamics by Revenue Source – 2011-2020.....	101
5.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	103
<b>6</b>	<b>Argentina IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>104</b>
6.1	Argentina Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	104
6.1.1	Facts & Figures.....	104
6.1.2	Argentina Overview .....	104
6.1.3	Argentina Economy .....	104
6.1.4	Crime in Argentina .....	105
6.1.5	Terror in Argentina.....	106
6.1.6	Argentine Police.....	106
6.2	Argentina Intelligent Video Surveillance, ISR & Video Analytics Market .....	107
6.2.1	Market Forecast - 2015-2020.....	107
6.2.2	Market Dynamics - 2015-2020.....	109
6.3	Argentina IVS, ISR & Video Analytics Market by Revenue Source	109
6.3.1	Market Forecast by Revenue Source – 2011-2020 .....	109
6.3.2	Market Dynamics by Revenue Source – 2011-2020.....	111
6.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	112
<b>7</b>	<b>Other Latin American Countries IVS, ISR &amp; VA Market - 2015-2020...113</b>	
7.1	Other Latin American Countries Intelligent Video Surveillance, ISR & Video Analytics Market .....	113
7.1.1	Market Forecast - 2015-2020.....	113
7.1.2	Market Dynamics - 2015-2020.....	115
7.2	Other Latin American Countries IVS, ISR & Video Analytics Market by Revenue Source.....	115
7.2.1	Market Forecast by Revenue Source – 2011-2020 .....	115
7.2.2	Market Dynamics by Revenue Source – 2011-2020.....	117
7.2.3	Market Breakdown by Revenue Source – 2011-2020 .....	118

<b>EUROPE, MIDDLE EAST &amp; AFRICA.....</b>	<b>119</b>
<b>8 U.K. IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>119</b>
8.1 U.K. Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	119
8.1.1 Facts & Figures.....	119
8.1.2 U.K. Overview.....	119
8.1.3 U.K. Economy.....	120
8.1.4 U.K. Security Market.....	120
8.1.5 Crime in the U.K. ....	121
8.1.6 Terror in the U.K. ....	121
8.1.7 U.K. Police .....	122
8.1.8 U.K. HLS & Public Safety Agencies.....	123
8.2 The U.K. Intelligent Video Surveillance, ISR & Video Analytics Market .....	124
8.2.1 Market Forecast - 2015-2020.....	124
8.2.2 Market Dynamics - 2015-2020.....	126
8.2.3 Market Share - 2015-2020.....	127
8.3 U.K. IVS, ISR & Video Analytics Market by Revenue Source .....	128
8.3.1 Market Forecast by Revenue Source – 2011-2020 .....	128
8.3.2 Market Dynamics by Revenue Source – 2011-2020.....	129
8.3.3 Market Breakdown by Revenue Source – 2011-2020 .....	130
<b>9 Sweden IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>131</b>
9.1 Sweden Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	131
9.1.1 Facts & Figures.....	131
9.1.2 Sweden Overview.....	131
9.1.3 Sweden Economy .....	132
9.1.4 Sweden Security Market.....	132
9.1.5 Crime in Sweden .....	133
9.1.6 Terror in Sweden .....	133
9.1.7 Swedish Police .....	134
9.2 Sweden Intelligent Video Surveillance, ISR & Video Analytics Market .....	135
9.2.1 Market Forecast - 2015-2020.....	135
9.2.2 Market Dynamics - 2015-2020.....	137
9.3 Sweden IVS, ISR & Video Analytics Market by Revenue Source .....	138
9.3.1 Market Forecast by Revenue Source – 2011-2020 .....	138
9.3.2 Market Dynamics by Revenue Source – 2011-2020.....	139
9.3.3 Market Breakdown by Revenue Source – 2011-2020 .....	140
<b>10 Denmark IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>141</b>
10.1 Denmark Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	141
10.1.1 Facts & Figures.....	141
10.1.2 Denmark Overview .....	141

10.1.3	Denmark Economy .....	141
10.1.4	Denmark Security Market .....	142
10.1.5	Crime in Denmark.....	143
10.1.6	Terror in Denmark.....	143
10.1.7	Denmark Police .....	143
10.2	Denmark Intelligent Video Surveillance, ISR & Video Analytics Market .....	144
10.2.1	Market Forecast - 2015-2020.....	144
10.2.2	Market Dynamics - 2015-2020.....	146
10.3	Denmark IVS, ISR & Video Analytics Market by Revenue Source.....	147
10.3.1	Market Forecast by Revenue Source – 2011-2020 .....	147
10.3.2	Market Dynamics by Revenue Source – 2011-2020.....	148
10.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	149
<b>11</b>	<b>The Netherlands IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>150</b>
11.1	The Netherlands Intelligent Video Surveillance, ISR & Video Analytics Market Background.....	150
11.1.1	Facts & Figures.....	150
11.1.2	The Netherlands Overview .....	150
11.1.3	The Netherlands Economy .....	150
11.1.4	The Netherlands Security Market .....	151
11.1.5	Crime in the Netherlands .....	151
11.1.6	Terror in the Netherlands .....	152
11.1.7	The Netherlands Police .....	152
11.1.8	The Netherlands HLS & Public Safety Agencies .....	154
11.2	The Netherlands Intelligent Video Surveillance, ISR & Video Analytics Market.....	155
11.2.1	Market Forecast - 2015-2020.....	155
11.2.2	Market Dynamics - 2015-2020.....	157
11.3	The Netherlands IVS, ISR & Video Analytics Market by Revenue Source.....	158
11.3.1	Market Forecast by Revenue Source – 2011-2020 .....	158
11.3.2	Market Dynamics by Revenue Source – 2011-2020.....	158
11.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	160
<b>12</b>	<b>Belgium IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>161</b>
12.1	Belgium Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	161
12.1.1	Facts & Figures.....	161
12.1.2	Belgium Overview.....	161
12.1.3	Belgium Economy .....	161
12.1.4	Belgium Security Market.....	162
12.1.5	Crime in Belgium .....	162
12.1.6	Belgium Police .....	162
12.1.7	Belgium HLS & Public Safety Agencies .....	165
12.2	Belgium Intelligent Video Surveillance, ISR & Video Analytics Market .....	167

12.2.1	Market Forecast - 2015-2020.....	167
12.2.2	Market Dynamics - 2015-2020.....	169
12.3	Belgium IVS, ISR & Video Analytics Market by Revenue Source.....	170
12.3.1	Market Forecast by Revenue Source – 2011-2020 .....	170
12.3.2	Market Dynamics by Revenue Source – 2011-2020.....	171
12.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	172
<b>13</b>	<b>Germany IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>173</b>
13.1	Germany Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	173
13.1.1	Facts & Figures.....	173
13.1.2	Germany Geopolitical Outlook.....	173
13.1.3	Germany Economy .....	174
13.1.4	Germany Security Market .....	175
13.1.5	Crime in Germany.....	175
13.1.6	Terror in Germany .....	176
13.1.7	German Police .....	177
13.1.8	Germany HLS & Public Safety Agencies .....	180
13.2	Germany Intelligent Video Surveillance, ISR & Video Analytics Market .....	181
13.2.1	Market Forecast - 2015-2020.....	181
13.2.2	Market Dynamics - 2015-2020.....	183
13.3	Germany IVS, ISR & Video Analytics Market by Revenue Source.....	184
13.3.1	Market Forecast by Revenue Source – 2011-2020 .....	184
13.3.2	Market Dynamics by Revenue Source – 2011-2020.....	184
13.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	186
<b>14</b>	<b>France IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>187</b>
14.1	France Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	187
14.1.1	Facts & Figures.....	187
14.1.2	France Overview.....	187
14.1.3	France Economy.....	188
14.1.4	France Security Market.....	189
14.1.5	France HLS Market.....	189
14.1.6	Terror & Crime in France .....	190
14.1.7	French Police.....	190
14.1.8	France HLS & Public Safety Agencies.....	192
14.2	France Intelligent Video Surveillance, ISR & Video Analytics Market .....	193
14.2.1	Market Forecast - 2015-2020.....	193
14.2.2	Market Dynamics - 2015-2020.....	195
14.3	France IVS, ISR & Video Analytics Market by Revenue Source .....	196
14.3.1	Market Forecast by Revenue Source – 2011-2020 .....	196
14.3.2	Market Dynamics by Revenue Source – 2011-2020.....	197
14.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	198

<b>15</b>	<b>Spain IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>199</b>
15.1	Spain Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	199
15.1.1	Facts & Figures.....	199
15.1.2	Spain Overview.....	199
15.1.3	Spain Economy.....	199
15.1.4	Spain Security Market.....	200
15.1.5	Crime in Spain .....	201
15.1.6	Terror in Spain .....	201
15.1.7	Spain Police.....	202
15.1.8	Spain HLS & Public Safety Agencies.....	205
15.2	Spain Intelligent Video Surveillance, ISR & Video Analytics Market	206
15.2.1	Market Forecast - 2015-2020.....	206
15.2.2	Market Dynamics - 2015-2020.....	208
15.3	Spain IVS, ISR & Video Analytics Market by Revenue Source .....	209
15.3.1	Market Forecast by Revenue Source – 2011-2020 .....	209
15.3.2	Market Dynamics by Revenue Source – 2011-2020.....	210
15.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	211
<b>16</b>	<b>Italy IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>212</b>
16.1	Italy Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	212
16.1.1	Facts & Figures.....	212
16.1.2	Italy Overview .....	212
16.1.3	Italy Economy .....	212
16.1.4	Italy Security Market .....	213
16.1.5	Crime in Italy.....	215
16.1.6	Terror in Italy.....	215
16.1.7	Italian Police .....	215
16.1.8	Italy HLS & Public Safety Agencies .....	216
16.2	Italy Intelligent Video Surveillance, ISR & Video Analytics Market	218
16.2.1	Market Forecast - 2015-2020.....	218
16.2.2	Market Dynamics - 2015-2020.....	220
16.3	Italy IVS, ISR & Video Analytics Market by Revenue Source .....	221
16.3.1	Market Forecast by Revenue Source – 2011-2020 .....	221
16.3.2	Market Dynamics by Revenue Source – 2011-2020.....	221
16.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	223
<b>17</b>	<b>Austria IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>224</b>
17.1	Austria Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	224
17.1.1	Facts & Figures.....	224
17.1.2	Austria Overview.....	224
17.1.3	Austria Economy.....	224
17.1.4	Austria Security Market.....	225
17.1.5	Crime in Austria .....	226
17.1.6	Terror in Austria .....	226

17.1.7	Austrian Police .....	227
17.2	Austria Intelligent Video Surveillance, ISR & Video Analytics Market .....	229
17.2.1	Market Forecast - 2015-2020.....	229
17.2.2	Market Dynamics - 2015-2020.....	231
17.3	Austria IVS, ISR & Video Analytics Market by Revenue Source .....	232
17.3.1	Market Forecast by Revenue Source – 2011-2020 .....	232
17.3.2	Market Dynamics by Revenue Source – 2011-2020.....	233
17.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	234
<b>18</b>	<b>Czech Republic IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>235</b>
18.1	Czech Republic Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	235
18.1.1	Facts & Figures.....	235
18.1.2	Czech Republic Overview.....	235
18.1.3	Czech Republic Economy .....	235
18.1.4	Czech Republic Security Market.....	236
18.1.5	Crime in the Czech Republic .....	236
18.1.6	Czech Republic Police .....	236
18.2	Czech Republic Intelligent Video Surveillance, ISR & Video Analytics Market.....	237
18.2.1	Market Forecast - 2015-2020.....	237
18.2.2	Market Dynamics - 2015-2020.....	239
18.3	Czech Republic IVS, ISR & Video Analytics Market by Revenue Source .....	239
18.3.1	Market Forecast by Revenue Source – 2011-2020 .....	239
18.3.2	Market Dynamics by Revenue Source – 2011-2020.....	241
18.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	242
<b>19</b>	<b>Poland IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>243</b>
19.1	Poland Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	243
19.1.1	Facts & Figures.....	243
19.1.2	Poland Overview.....	243
19.1.3	Poland Economy .....	243
19.1.4	Security Market in Poland.....	244
19.1.5	Crime in Poland .....	245
19.1.6	Terror in Poland .....	245
19.1.7	Poland Police .....	245
19.1.8	Poland HLS & Public Safety Agencies.....	246
19.2	Poland Intelligent Video Surveillance, ISR & Video Analytics Market .....	246
19.2.1	Market Forecast - 2015-2020.....	246
19.2.2	Market Dynamics - 2015-2020.....	248
19.3	Poland IVS, ISR & Video Analytics Market by Revenue Source .....	249
19.3.1	Market Forecast by Revenue Source – 2011-2020 .....	249
19.3.2	Market Dynamics by Revenue Source – 2011-2020.....	250

19.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	251
<b>20</b>	<b>Russia IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>252</b>
20.1	Russia Intelligent Video Surveillance, ISR & Video Analytics	
	Market Background .....	252
20.1.1	Facts & Figures.....	252
20.1.2	Russia Overview.....	252
20.1.3	Russia Economy .....	252
20.1.4	Russia Security Market.....	253
20.1.5	Crime in Russia .....	254
20.1.6	Terror in Russia .....	254
20.1.7	Russia Police .....	255
20.1.8	Russia HLS & Public Safety Agencies.....	259
20.2	Russia Intelligent Video Surveillance, ISR & Video Analytics	
	Market .....	261
20.2.1	Market Forecast - 2015-2020.....	261
20.2.2	Market Dynamics - 2015-2020.....	263
20.3	Russia IVS, ISR & Video Analytics Market by Revenue Source .....	263
20.3.1	Market Forecast by Revenue Source – 2011-2020 .....	263
20.3.2	Market Dynamics by Revenue Source – 2011-2020.....	265
20.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	266
<b>21</b>	<b>Turkey IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>267</b>
21.1	Turkey Intelligent Video Surveillance, ISR & Video Analytics	
	Market Background .....	267
21.1.1	Facts & Figures.....	267
21.1.2	Overview.....	267
21.1.3	Turkey's Economy .....	268
21.1.4	Turkey's Threat Assessment .....	268
21.1.5	Turkey Security Market.....	269
21.1.6	Crime in Turkey .....	271
21.1.7	Terror in Turkey .....	271
21.1.8	Turkish Police .....	273
21.1.9	Turkey HLS & Public Safety Agencies.....	274
21.2	Turkey Intelligent Video Surveillance, ISR & Video Analytics	
	Market .....	275
21.2.1	Market Forecast - 2015-2020.....	275
21.2.2	Market Dynamics - 2015-2020.....	276
21.3	Turkey IVS, ISR & Video Analytics Market by Revenue Source .....	278
21.3.1	Market Forecast by Revenue Source – 2011-2020 .....	278
21.3.2	Market Dynamics by Revenue Source – 2011-2020.....	278
21.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	280
<b>22</b>	<b>Israel IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>281</b>
22.1	Israel Intelligent Video Surveillance, ISR & Video Analytics Market	
	Background .....	281
22.1.1	Facts & Figures.....	281

22.1.2	Overview.....	281
22.1.3	Economy .....	281
22.1.4	First Responders .....	282
22.1.5	Israel Homeland Security Industry .....	283
22.1.6	Israel Defense Forces.....	284
22.1.7	Crime in Israel.....	285
22.1.8	Terror in Israel .....	286
22.1.9	Israel Police .....	287
22.1.10	Israeli HLS, Public Safety & Security Agencies .....	288
22.2	Israel Intelligent Video Surveillance, ISR & Video Analytics Market	289
22.2.1	Market Forecast - 2015-2020.....	289
22.2.2	Market Dynamics - 2015-2020.....	291
22.3	Israel IVS, ISR & Video Analytics Market by Revenue Source.....	291
22.3.1	Market Forecast by Revenue Source – 2011-2020 .....	291
22.3.2	Market Dynamics by Revenue Source – 2011-2020.....	293
22.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	294
<b>23</b>	<b>Saudi Arabia IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>295</b>
23.1	Saudi Arabia Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	295
23.1.1	Facts & Figures.....	298
23.1.2	Overview.....	299
23.1.3	Economy .....	299
23.1.4	Crime in Saudi Arabia .....	300
23.1.5	Terror in Saudi Arabia.....	300
23.1.6	Saudi Arabia Police .....	301
23.1.7	Saudi Arabia HLS & Public Safety Agencies .....	303
23.2	Saudi Arabia Intelligent Video Surveillance, ISR & Video Analytics Market .....	304
23.2.1	Market Forecast - 2015-2020.....	304
23.2.2	Market Dynamics - 2015-2020.....	306
23.3	Saudi Arabia IVS, ISR & Video Analytics Market by Revenue Source.....	307
23.3.1	Market Forecast by Revenue Source – 2011-2020 .....	307
23.3.2	Market Dynamics by Revenue Source – 2011-2020.....	308
23.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	309
<b>24</b>	<b>UAE IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>310</b>
24.1	UAE Market Background.....	310
24.1.1	Facts & Figures.....	310
24.1.2	Overview.....	310
24.1.3	UAE Economy .....	310
24.1.4	UAE Security Market .....	311
24.1.5	Crime in the UAE .....	314
24.1.6	Terror in the UAE .....	315
24.1.7	Dubai Police.....	316
24.1.8	UAE HLS & Public Safety Agencies .....	318

24.2	UAE Intelligent Video Surveillance, ISR & Video Analytics Market	318
24.2.1	Market Forecast - 2015-2020.....	318
24.2.2	Market Dynamics - 2015-2020.....	320
24.3	UAE IVS, ISR & Video Analytics Market by Revenue Source .....	321
24.3.1	Market Forecast by Revenue Source – 2011-2020 .....	321
24.3.2	Market Dynamics by Revenue Source – 2011-2020.....	322
24.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	323
<b>25</b>	<b>Qatar IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>324</b>
25.1	Qatar Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	324
25.1.1	Facts & Figures.....	324
25.1.2	Qatar Overview.....	324
25.1.3	Qatar Economy.....	324
25.1.4	Qatar Security Market.....	325
25.1.5	Crime in Qatar .....	325
25.1.6	Terror in Qatar .....	327
25.1.7	Qatar Police .....	327
25.1.8	Police/Security Agencies .....	328
25.2	Qatar Intelligent Video Surveillance, ISR & Video Analytics Market	328
25.2.1	Market Forecast - 2015-2020.....	328
25.2.2	Market Dynamics - 2015-2020.....	330
25.3	Qatar IVS, ISR & Video Analytics Market by Revenue Source .....	331
25.3.1	Market Forecast by Revenue Source – 2011-2020 .....	331
25.3.2	Market Dynamics by Revenue Source – 2011-2020.....	332
25.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	333
<b>26</b>	<b>Kuwait IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>334</b>
26.1	Kuwait Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	334
26.1.1	Facts & Figures.....	334
26.1.2	Kuwait Overview.....	334
26.1.3	Kuwait Economy .....	334
26.1.4	Crime in Kuwait.....	335
26.1.5	Terror in Kuwait .....	336
26.1.6	Kuwait Police Forces .....	336
26.1.7	Kuwait HLS & Public Safety Agencies .....	336
26.2	Kuwait Intelligent Video Surveillance, ISR & Video Analytics Market .....	338
26.2.1	Market Forecast - 2015-2020.....	338
26.2.2	Market Dynamics - 2015-2020.....	340
26.3	Kuwait IVS, ISR & Video Analytics Market by Revenue Source.....	341
26.3.1	Market Forecast by Revenue Source – 2011-2020 .....	341
26.3.2	Market Dynamics by Revenue Source – 2011-2020.....	342
26.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	343

<b>27</b>	<b>Iraq IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>344</b>
27.1	Iraq Intelligent Video Surveillance, ISR & Video Analytics Market Background.....	344
27.1.1	Facts & Figures.....	344
27.1.2	Overview.....	344
27.1.3	Iraq Economy.....	346
27.1.4	Threat Assessment.....	347
27.1.5	Crime in Iraq .....	349
27.1.6	Terror in Iraq .....	350
27.1.7	Iraq Defense Forces .....	351
27.1.8	Iraq Police Forces.....	351
27.1.9	National Law Enforcement Bodies.....	352
27.2	Iraq Intelligent Video Surveillance, ISR & Video Analytics Market..	353
27.2.1	Market Forecast - 2015-2020.....	353
27.2.2	Market Dynamics - 2015-2020.....	355
27.3	Iraq IVS, ISR & Video Analytics Market by Revenue Source .....	355
27.3.1	Market Forecast by Revenue Source – 2011-2020 .....	355
27.3.2	Market Dynamics by Revenue Source – 2011-2020.....	357
27.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	358
<b>28</b>	<b>Nigeria IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>359</b>
28.1	Nigeria Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	359
28.1.1	Facts & Figures.....	359
28.1.2	Overview.....	359
28.1.3	Nigeria Economy .....	360
28.1.4	Nigeria Security Market .....	361
28.1.5	Crime in Nigeria .....	361
28.1.6	Terror in Nigeria.....	362
28.1.7	Nigeria Police.....	363
28.2	Nigeria Intelligent Video Surveillance, ISR & Video Analytics Market .....	367
28.2.1	IVS, ISR and VA Market Forecast - 2015-2020 .....	367
28.2.2	Market Dynamics - 2015-2020.....	369
28.3	Nigeria IVS, ISR & Video Analytics Market by Revenue Source ....	370
28.3.1	Market Forecast by Revenue Source – 2011-2020 .....	370
28.3.2	Market Dynamics by Revenue Source – 2011-2020.....	371
28.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	372
<b>29</b>	<b>South Africa IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>373</b>
29.1	South Africa Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	373
29.1.1	Facts & Figures.....	373
29.1.2	South Africa Economy .....	373
29.1.3	Crime in South Africa .....	374
29.1.4	Terror in South Africa.....	375
29.1.5	South Africa Police .....	376

29.2	South Africa Intelligent Video Surveillance, ISR & Video Analytics Market .....	377
29.2.1	IVS, ISR and VA Market Forecast - 2015-2020 .....	377
29.2.2	Market Dynamics - 2015-2020.....	379
29.3	South Africa IVS, ISR & Video Analytics Market by Revenue Source.....	380
29.3.1	Market Forecast by Revenue Source – 2011-2020 .....	380
29.3.2	Market Dynamics by Revenue Source – 2011-2020.....	381
29.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	382
<b>30</b>	<b>Other EMEA Countries IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>383</b>
30.1	Other EMEA Countries Intelligent Video Surveillance, ISR & Video Analytics Market.....	383
30.1.1	IVS, ISR and VA Market Forecast - 2015-2020 .....	383
30.1.2	Market Dynamics - 2015-2020.....	385
30.2	Other EMEA Countries IVS, ISR & Video Analytics Market by Revenue Source.....	386
30.2.1	Market Forecast by Revenue Source – 2011-2020 .....	386
30.2.2	Market Dynamics by Revenue Source – 2011-2020.....	387
30.2.3	Market Breakdown by Revenue Source – 2011-2020 .....	388
	<b>ASIA-PACIFIC .....</b>	<b>389</b>
<b>31</b>	<b>Azerbaijan IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>389</b>
31.1	Azerbaijan Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	389
31.1.1	Facts & Figures.....	389
31.1.2	Azerbaijan Overview.....	389
31.1.3	Azerbaijan Economy .....	390
31.1.4	Azerbaijan Security Threat Assessment .....	390
31.1.5	Azerbaijan Security Market .....	390
31.1.6	Crime in Azerbaijan .....	391
31.1.7	Terror in Azerbaijan .....	391
31.1.8	Azerbaijan Police .....	392
31.1.9	Azerbaijan HLS & Public Safety Agencies .....	393
31.2	Azerbaijan Intelligent Video Surveillance, ISR & Video Analytics Market .....	394
31.2.1	IVS, ISR and VA Market Forecast - 2015-2020 .....	394
31.2.2	Market Dynamics - 2015-2020.....	396
31.3	Azerbaijan IVS, ISR & Video Analytics Market by Revenue Source	397
31.3.1	Market Forecast by Revenue Source – 2011-2020 .....	397
31.3.2	Market Dynamics by Revenue Source – 2011-2020.....	398
31.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	399
<b>32</b>	<b>Kazakhstan IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>400</b>
32.1	Kazakhstan Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	400

32.1.1	Facts & Figures.....	400
32.1.2	Kazakhstan Overview .....	400
32.1.3	Kazakhstan Economy .....	400
32.1.4	Crime in Kazakhstan.....	401
32.1.5	Terror in Kazakhstan .....	402
32.1.6	Kazakhstan Police .....	402
32.2	Kazakhstan Intelligent Video Surveillance, ISR & Video Analytics Market .....	402
32.2.1	IVS, ISR and VA Market Forecast - 2015-2020 .....	402
32.2.2	Market Dynamics - 2015-2020.....	404
32.3	Kazakhstan IVS, ISR & Video Analytics Market by Revenue Source.....	405
32.3.1	Market Forecast by Revenue Source – 2011-2020 .....	405
32.3.2	Market Dynamics by Revenue Source – 2011-2020.....	406
32.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	407
<b>33</b>	<b>Pakistan IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>408</b>
33.1	Pakistan Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	408
33.1.1	Facts & Figures.....	408
33.1.2	Overview.....	408
33.1.3	Pakistan Economy .....	408
33.1.4	Pakistan Threat Assessment .....	409
33.1.5	Crime in Pakistan.....	410
33.1.6	Terror in Pakistan .....	410
33.1.7	Pakistan Police .....	411
33.2	Pakistan Intelligent Video Surveillance, ISR & Video Analytics Market .....	412
33.2.1	Market Forecast - 2015-2020.....	412
33.2.2	Market Dynamics - 2015-2020.....	414
33.3	Pakistan IVS, ISR & Video Analytics Market by Revenue Source..	415
33.3.1	Market Forecast by Revenue Source – 2011-2020 .....	415
33.3.2	Market Dynamics by Revenue Source – 2011-2020.....	416
33.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	417
<b>34</b>	<b>India IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>418</b>
34.1	India Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	418
34.1.1	Facts & Figures.....	418
34.1.2	India Geopolitical Outlook.....	418
34.1.3	India Security Threat Assessment .....	419
34.1.4	India Economy .....	419
34.1.5	India Security Industry .....	421
34.1.6	India Security Market.....	422
34.1.7	Crime in India.....	424
34.1.8	Terror in India .....	425
34.1.9	Indian Police .....	425

34.1.10	India HLS & Public Safety Agencies .....	427
34.2	India Intelligent Video Surveillance, ISR & Video Analytics Market	428
34.2.1	Market Forecast - 2015-2020.....	428
34.2.2	Market Dynamics - 2015-2020.....	430
34.3	India IVS, ISR & Video Analytics Market by Revenue Source.....	431
34.3.1	Market Forecast by Revenue Source – 2011-2020 .....	431
34.3.2	Market Dynamics by Revenue Source – 2011-2020.....	432
34.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	433
<b>35</b>	<b>China IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>434</b>
35.1	China Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	434
35.1.1	Facts & Figures.....	434
35.1.2	Geopolitical Background.....	434
35.1.3	China Threat Assessment.....	436
35.1.4	China Economy .....	437
35.1.5	China Security Market .....	439
35.1.6	Crime in China.....	440
35.1.7	Hong Kong Security Market.....	440
35.1.8	Macau Security .....	441
35.1.9	China Defense Forces .....	442
35.1.10	Terror in China.....	446
35.1.11	China Police.....	446
35.1.12	China HLS & Public Safety Agencies .....	447
35.1.13	China Ministry of State Security.....	448
35.2	China Intelligent Video Surveillance, ISR & Video Analytics Market	448
35.2.1	IVS, ISR and VA Market Forecast - 2015-2020 .....	448
35.2.2	Market Dynamics - 2015-2020.....	450
35.2.3	Market Share - 2015-2020 .....	451
35.3	China IVS, ISR & Video Analytics Market by Revenue Source .....	452
35.3.1	Market Forecast by Revenue Source – 2011-2020 .....	452
35.3.2	Market Dynamics by Revenue Source – 2011-2020.....	453
35.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	454
<b>36</b>	<b>Taiwan IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>455</b>
36.1	Taiwan Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	455
36.1.1	Facts & Figures.....	455
36.1.2	Overview.....	455
36.1.3	Economy .....	455
36.1.4	Taiwan Security Market .....	456
36.1.5	Crime and Terror in Taiwan .....	456
36.1.6	Taiwan Police .....	457
36.2	Taiwan Intelligent Video Surveillance, ISR & Video Analytics Market .....	457
36.2.1	Market Forecast - 2015-2020.....	457
36.2.2	Market Dynamics - 2015-2020.....	459

36.3	Taiwan IVS, ISR & Video Analytics Market by Revenue Source ....	459
36.3.1	Market Forecast by Revenue Source – 2011-2020 .....	459
36.3.2	Market Dynamics by Revenue Source – 2011-2020.....	461
36.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	462
<b>37</b>	<b>South Korea IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>463</b>
37.1	South Korea Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	463
37.1.1	Facts & Figures.....	463
37.1.2	South Korea Economy.....	463
37.1.3	South Korea Security Market.....	464
37.1.4	Crime in South Korea .....	464
37.1.5	Terror in South Korea .....	465
37.1.6	South Korea Police .....	465
37.1.7	South Korea HLS & Public Safety Agencies.....	467
37.2	South Korea Intelligent Video Surveillance, ISR & Video Analytics Market .....	468
37.2.1	IVS, ISR and VA Market Forecast - 2015-2020 .....	468
37.2.2	Market Dynamics - 2015-2020.....	470
37.2.3	Market Share - 2015-2020.....	471
37.3	South Korea IVS, ISR & Video Analytics Market by Revenue Source.....	472
37.3.1	Market Forecast by Revenue Source – 2011-2020 .....	472
37.3.2	Market Dynamics by Revenue Source – 2011-2020.....	473
37.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	474
<b>38</b>	<b>Japan IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>475</b>
38.1	Japan Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	475
38.1.1	Facts & Figures.....	475
38.1.2	Geopolitical Background .....	475
38.1.3	Economy .....	476
38.1.4	Japan Defense Forces.....	477
38.1.5	Japan Security Market .....	477
38.1.6	Japan Security Industry .....	478
38.1.7	Terror in Japan .....	478
38.1.8	Crime in Japan.....	478
38.1.9	Japan Police .....	479
38.1.10	Japan HLS & Public Safety Agencies .....	480
38.2	Japan Intelligent Video Surveillance, ISR & Video Analytics Market	481
38.2.1	Market Forecast - 2015-2020.....	481
38.2.2	Market Dynamics - 2015-2020.....	483
38.2.3	Market Share - 2015-2020.....	484
38.3	Japan IVS, ISR & Video Analytics Market by Revenue Source.....	485
38.3.1	Market Forecast by Revenue Source – 2011-2020 .....	485
38.3.2	Market Dynamics by Revenue Source – 2011-2020.....	486
38.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	487

<b>39</b>	<b>Singapore IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>488</b>
39.1	Singapore Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	488
39.1.1	Facts & Figures.....	488
39.1.2	Overview.....	488
39.1.3	Singapore Economy .....	488
39.1.4	Singapore Security Market.....	489
39.1.5	Terror in Singapore.....	489
39.1.6	Singapore Police.....	490
39.2	Singapore Intelligent Video Surveillance, ISR & Video Analytics Market .....	491
39.2.1	IVS, ISR and VA Market Forecast - 2015-2020 .....	491
39.2.2	Market Dynamics - 2015-2020.....	493
39.3	Singapore IVS, ISR & Video Analytics Market by Revenue Source	493
39.3.1	Market Forecast by Revenue Source – 2011-2020 .....	493
39.3.2	Market Dynamics by Revenue Source – 2011-2020.....	495
39.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	496
<b>40</b>	<b>Malaysia IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>497</b>
40.1	Malaysia Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	497
40.1.1	Facts & Figures.....	497
40.1.2	Overview.....	497
40.1.3	Malaysia Economy.....	497
40.1.4	Malaysia Security Market.....	498
40.1.5	Crime in Malaysia .....	498
40.1.6	Terror in Malaysia .....	500
40.1.7	Malaysia Police.....	500
40.2	Malaysia Intelligent Video Surveillance, ISR & Video Analytics Market .....	501
40.2.1	IVS, ISR and VA Market Forecast - 2015-2020 .....	501
40.2.2	Market Dynamics - 2015-2020.....	503
40.3	Malaysia IVS, ISR & Video Analytics Market by Revenue Source	503
40.3.1	Market Forecast by Revenue Source – 2011-2020 .....	503
40.3.2	Market Dynamics by Revenue Source – 2011-2020.....	505
40.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	506
<b>41</b>	<b>Indonesia IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>507</b>
41.1	Indonesia Intelligent Video Surveillance, ISR & Video Analytics Market Background .....	507
41.1.1	Facts & Figures.....	507
41.1.2	Indonesia Economy .....	507
41.1.3	Indonesia Security Market .....	508
41.1.4	Crime in Indonesia.....	509
41.1.5	Terror & Civil unrest in Indonesia.....	510
41.1.6	Indonesia Police .....	511
41.1.7	Indonesia HLS & Public Safety Agencies .....	512

41.2	Indonesia Intelligent Video Surveillance, ISR & Video Analytics Market .....	513
41.2.1	IVS, ISR and VA Market Forecast - 2015-2020 .....	513
41.2.2	Market Dynamics - 2015-2020.....	515
41.3	Indonesia IVS, ISR & Video Analytics Market by Revenue Source .....	516
41.3.1	Market Forecast by Revenue Source – 2011-2020 .....	516
41.3.2	Market Dynamics by Revenue Source – 2011-2020.....	517
41.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	518
<b>42</b>	<b>Australia IVS, ISR &amp; VA Market - 2015-2020.....</b>	<b>519</b>
42.1	Australia Intelligent Video Surveillance, ISR & Video Analytics Background.....	519
42.1.1	Facts & Figures.....	519
42.1.2	Australia Economy .....	519
42.1.3	Terror in Australia .....	520
42.1.4	Australia Police .....	521
42.1.5	Australia HLS & Public Safety Agencies .....	522
42.2	Australia Intelligent Video Surveillance, ISR & Video Analytics Market .....	523
42.2.1	Market Forecast - 2015-2020.....	523
42.2.2	Market Dynamics - 2015-2020.....	525
42.3	Australia IVS, ISR & Video Analytics Market by Revenue Source .....	525
42.3.1	Market Forecast by Revenue Source – 2011-2020 .....	525
42.3.2	Market Dynamics by Revenue Source – 2011-2020.....	527
42.3.3	Market Breakdown by Revenue Source – 2011-2020 .....	528
<b>43</b>	<b>Other Asia-Pacific Countries IVS, ISR &amp; VA Market - 2015-2020 .....</b>	<b>529</b>
43.1	Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market.....	529
43.1.1	Market Forecast - 2015-2020.....	529
43.1.2	Market Dynamics - 2015-2020.....	531
43.2	Other Asia-Pacific Countries IVS, ISR & Video Analytics Market by Revenue Source.....	531
43.2.1	Market Forecast by Revenue Source – 2011-2020 .....	531
43.2.2	Market Dynamics by Revenue Source – 2011-2020.....	533
43.2.3	Market Breakdown by Revenue Source – 2011-2020 .....	534
<b>APPENDICES .....</b>		<b>535</b>
<b>44</b>	<b>Appendix A: Open Network Video Interface Forum (ONVIF) Standard .....</b>	<b>535</b>
44.1	ONVIF .....	535
44.2	ONVIF Membership.....	535
44.3	ONVIF Video Surveillance Interoperability Standards .....	536
<b>45</b>	<b>Appendix B: Markov IVS Decision Algorithms.....</b>	<b>538</b>
45.1	Background .....	538

<b>46</b>	<b>Appendix C: The Global Video Security Market – 2015-2022 .....</b>	<b>543</b>
46.1	Video Security Market Background .....	543
46.2	Video Surveillance: HLS & Public Safety Applications .....	551
46.3	Video Surveillance: Business Opportunities & Challenges.....	552
46.4	Video Security Industry: SWOT Analysis .....	553
46.4.1	Strengths .....	553
46.4.2	Weaknesses .....	554
46.4.3	Opportunities .....	555
46.4.4	Threats.....	555
46.5	Video Security Surveillance Market – 2011-2022.....	556
46.5.1	Video Security Surveillance: Market Drivers .....	556
46.5.2	Video Security Surveillance: Market Inhibitors.....	557
46.6	Consolidated Video Security Surveillance Market – 2011-2022....	557
46.6.1	Video Security Surveillance Market Dynamics – 2011-2022.....	558
46.6.2	Market Breakdown – 2011-2022.....	559
46.6.3	Sales – 2011-2022.....	560
46.6.4	Video Security Surveillance, After-Sale Maintenance, Upgrade and Refurbishment Revenues – 2011-2022 .....	562
<b>47</b>	<b>Appendix D: Covert CCTV Walk-by People Screening Technologies.....</b>	<b>564</b>
47.1	Walk-by Fourier Transform Infrared (FTIR) Spectroscopy Systems	564
47.2	Covert Walk-by CCTV Based Detection Corridors .....	565
47.3	Fused Standoff Video Surveillance and Biometrics.....	567
47.3.1	Example: IOM PassPort™ .....	568
<b>48</b>	<b>Appendix E: CCTV Based People Screening.....</b>	<b>570</b>
48.1	Fused Video Monitoring and Biometrics.....	571
48.2	CCTV Biometric Face Recognition Identification vs. Verification ...	571
48.3	Performance of CCTV Based Biometric Recognition Technologies	572
48.4	Tag and Track – Intelligent Video Surveillance .....	573
48.5	TSA Advanced Video Surveillance Program .....	573
<b>49</b>	<b>Appendix F: The VCA, ISR &amp; Video Analytics Systems and Devices Industry.....</b>	<b>574</b>
49.1	Globalization of the Industry .....	574
49.2	Classification of the Industry Business and Industrial Activities ....	574
49.3	Barriers to Market Entry.....	575
49.4	Industry Supply-Side & Demand-Side Analysis.....	576
<b>50</b>	<b>Appendix G: VCA, ISR &amp; Video Analytics Industry: Business Models &amp; Strategies.....</b>	<b>578</b>
50.1	Variable Economic Conditions .....	578
50.2	Market Tiers .....	578
50.3	Defense Primes & Mega Corporations' Inroads into the Market....	578
50.4	Entry Strategies toward the VCA, ISR & Video Analytics Arena ....	579
50.5	Price Elasticity .....	580
50.6	Mergers and Acquisitions (M&A) .....	582

<b>51</b>	<b>Appendix H: The U.S. National Intelligence Council 2020 Global Landscape .....</b>	<b>583</b>
51.1	Short-Term Global Geopolitical Outlook.....	587
<b>52</b>	<b>SCOPE, METHODOLOGY AND DISCLAIMER .....</b>	<b>591</b>
52.1	Research Scope.....	591
52.2	Research Methodology .....	592
52.3	Disclaimer & Copyright.....	594

## List of Tables

Table 1 - U.S. Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	47
Table 2 - U.S. Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	51
Table 3 - U.S. Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	52
Table 4 - Police-reported Crime Severity Index by CMA(*) - 2009-2012 .....	57
Table 5 - Canada Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	61
Table 6 - Canada Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	64
Table 7 - Canada Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	65
Table 8 - Mexico Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	75
Table 9 - Mexico Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	78
Table 10 - Mexico Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	79
Table 11 - Colombia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	84
Table 12 - Colombia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	87
Table 13 - Colombia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	88
Table 14 - Brazil Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	97
Table 15 - Brazil Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	101
Table 16 - Brazil Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	102
Table 17 - Argentina Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	107
Table 18 - Argentina Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	110
Table 19 - Argentina Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	111
Table 20 - Other Latin American Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	113
Table 21 - Other Latin American Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020	116

Table 22 - Other Latin American Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	117
Table 23 - U.K. Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	124
Table 24 - U.K. Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	128
Table 25 - U.K. Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	129
Table 26 - Sweden Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	135
Table 27 - Sweden Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	138
Table 28 - Sweden Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	139
Table 29 - Denmark Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	145
Table 30 - Denmark Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	147
Table 31 - Denmark Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	148
Table 32 - The Netherlands Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020.....	155
Table 33 – The Netherlands Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	158
Table 34 - The Netherlands Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	159
Table 35 - Belgium Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	167
Table 36 - Belgium Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	170
Table 37 - Belgium Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	171
Table 38 - Crime Statistics for Germany – 2011-2012 .....	176
Table 39 - Germany Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	181
Table 40 - Germany Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	184
Table 41 - Germany Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	185
Table 42 - France Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	193
Table 43 - France Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	196
Table 44 - France Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	197

Table 45 - Crime Statistics in Spain – Jan-Sept 2013 .....	201
Table 46 - Spain Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	206
Table 47 - Spain Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	209
Table 48 - Spain Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	210
Table 49 - Italy Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	218
Table 50 - Italy Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	221
Table 51 - Italy Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	222
Table 52 - Austrian Import Market Shares for Security and Safety Equipment .	225
Table 53 - Austria Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	229
Table 54 - Austria Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	232
Table 55 - Austria Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	233
Table 56 - Czech Republic Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020.....	237
Table 57 - Czech Republic Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	240
Table 58 - Czech Republic Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	241
Table 59 - Poland Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	246
Table 60 - Poland Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	249
Table 61 - Poland Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	250
Table 62 - Russia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	261
Table 63 - Russia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	264
Table 64 - Russia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	265
Table 65 - Turkey Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	275
Table 66 - Turkey Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	278
Table 67 - Turkey Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	279
Table 68 - Israel Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	290

Table 69 - Israel Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	292
Table 70 - Israel Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	293
Table 71 - Saudi Arabia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020.....	304
Table 72 - Saudi Arabia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	307
Table 73 - Saudi Arabia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	308
Table 74 - UAE Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	319
Table 75 - UAE Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	321
Table 76 - UAE Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	322
Table 77 - Qatar Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	329
Table 78 - Qatar Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	331
Table 79 - Qatar Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	332
Table 80 - Kuwait Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	338
Table 81 - Kuwait Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	341
Table 82 - Kuwait Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	342
Table 83 - Iraq Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	353
Table 84 - Iraq Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	356
Table 85 - Iraq Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	357
Table 86 - Nigeria Police Departments & Responsibilities .....	364
Table 87 - Nigeria Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	367
Table 88 - Nigeria Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	370
Table 89 - Nigeria Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	371
Table 90 - South Africa Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020.....	377
Table 91 - South Africa Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	380

Table 92 - South Africa Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	381
Table 93 - Other EMEA Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	383
Table 94 - Other EMEA Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	386
Table 95 - Other EMEA Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020....	387
Table 96 - 2013 Azerbaijan Ministry of Internal Affairs Crime Statistics .....	391
Table 97 - Azerbaijan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	394
Table 98 - Azerbaijan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	397
Table 99 - Azerbaijan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	398
Table 100 - 2013 Ministry of Internal Affairs Crime Statistics .....	401
Table 101 - Kazakhstan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020.....	403
Table 102 - Kazakhstan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	405
Table 103 - Kazakhstan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	406
Table 104 - Pakistan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	413
Table 105 - Pakistan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	415
Table 106 - Pakistan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	416
Table 107 - India Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	428
Table 108 - India Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	431
Table 109 - India Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	432
Table 110 - China's GDP vs. Nine Leading Nations' Economies – 1990-2020 .	438
Table 111 - China Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	448
Table 112 - China Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	452
Table 113 - China Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	453
Table 114 - Taiwan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	458
Table 115 - Taiwan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	460

Table 116 - Taiwan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	461
Table 117 - South Korea Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020.....	468
Table 118 - South Korea Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	472
Table 119 - South Korea Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	473
Table 120 - Japan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	481
Table 121 - Japan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	485
Table 122 - Japan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	486
Table 123 - Singapore Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020.....	491
Table 124 - Singapore Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	494
Table 125 - Singapore Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	495
Table 126 - Malaysia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	501
Table 127 - Malaysia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	504
Table 128 - Malaysia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	505
Table 129 - Indonesia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020.....	513
Table 130 - Indonesia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	516
Table 131 - Indonesia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	517
Table 132 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	523
Table 133 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	526
Table 134 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	527
Table 135 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M], AGR [%] and Market Share [%] - 2011-2020 .....	529
Table 136 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020	532
Table 137 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	533

Table 138 - Video Surveillance Market: Business Opportunities .....	552
Table 139 - Global Video Security surveillance Market [\$B] by: Sales and After-Sale Revenues – 2011-2022.....	557
Table 140 - Global Video Security Surveillance Market AGR [%] by: Sales and After-Sale Revenues – 2011-2022 .....	558
Table 141 - Global Video Security Market Share [%] by: Sales and After-Sale Revenues – 2011-2022 .....	559
Table 142 - Global Video Security Sales: Market [\$B] and AGR [%] – 2011-2022 .....	560
Table 143 - Global Video Security Surveillance, After-Sale Revenues: Market [\$B] and AGR [%] – 2011-2022 .....	562
Table 144 - Retica Standoff Biometric; System Performance .....	567
Table 145 - Short Range Standoff Biometric Portal: IOM PassPort™ Performance .....	568
Table 146 - The National Intelligence Council Mapping the 2020 Global Future .....	583

## List of Figures

Figure 1 - U.S. Federal Homeland Security Organogram.....	45
Figure 2 - U.S. Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	48
Figure 3 - U.S. Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	49
Figure 4 - U.S. Intelligent Video Surveillance, ISR & Video Analytics Global Market Share [%] - 2011-2020 .....	50
Figure 5 - U.S. Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	51
Figure 6 - U.S. Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	52
Figure 7 - U.S. Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	53
Figure 8 - Canada HLS & Public Safety Agencies Organogram .....	60
Figure 9 - Canada Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	62
Figure 10 - Canada Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	63
Figure 11 - Canada Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	64
Figure 12 - Canada Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	65
Figure 13 - Canada Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	66
Figure 14 - Mexico HLS & Public Safety Agencies Organogram.....	73
Figure 15 - Mexico Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	76
Figure 16 - Mexico Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	77
Figure 17 - Mexico Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	78
Figure 18 - Mexico Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	79
Figure 19 - Mexico Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	80
Figure 20 - Colombia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	85
Figure 21 - Colombia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	86
Figure 22 - Colombia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	87
Figure 23 - Colombia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	88

Figure 24 - Colombia Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	89
Figure 25 - Brazil HLS & Public Safety Agencies Organogram .....	96
Figure 26 - Brazil Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	98
Figure 27 - Brazil Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	99
Figure 28 - Brazil Intelligent Video Surveillance, ISR & Video Analytics Global Market Share [%] - 2011-2020 .....	100
Figure 29 - Brazil Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	101
Figure 30 - Brazil Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	102
Figure 31 - Brazil Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	103
Figure 32 - Argentina Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	108
Figure 33 - Argentina Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	109
Figure 34 - Argentina Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	110
Figure 35 - Argentina Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	111
Figure 36 - Argentina Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	112
Figure 37 - Other Latin American Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	114
Figure 38 - Other Latin American Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	115
Figure 39 - Other Latin American Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020	116
Figure 40 - Other Latin American Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	117
Figure 41 - Other Latin American Countries Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	118
Figure 42 - U.K. HLS & Public Safety Agencies Organogram .....	123
Figure 43 - U.K. Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	125
Figure 44 - U.K. Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	126
Figure 45 - U.K. Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] - 2011-2020 .....	127
Figure 46 - U.K. Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	128

Figure 47 - U.K. Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	129
Figure 48 - U.K. Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	130
Figure 49 - Sweden Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	136
Figure 50 - Sweden Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	137
Figure 51 - Sweden Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	138
Figure 52 - Sweden Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	139
Figure 53 - Sweden Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	140
Figure 54 - Denmark Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	145
Figure 55 - Denmark Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	146
Figure 56 - Denmark Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	147
Figure 57 - Denmark Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	148
Figure 58 - Denmark Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	149
Figure 59 - The Netherlands HLS & Public Safety Agencies Organogram.....	154
Figure 60 - The Netherlands Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020 .....	156
Figure 61 - The Netherlands Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	157
Figure 62 -The Netherlands Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	158
Figure 63 - The Netherlands Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	159
Figure 64 - The Netherlands Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	160
Figure 65 - Belgium HLS & Public Safety Agencies Organogram .....	166
Figure 66 - Belgium Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020 .....	168
Figure 67 - Belgium Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	169
Figure 68 - Belgium Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	170
Figure 69 - Belgium Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	171
Figure 70 - Belgium Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	172

Figure 71 - Germany HLS & Public Safety Agencies Organogram .....	180
Figure 72 - Germany Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	182
Figure 73 - Germany Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	183
Figure 74 - Germany Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	184
Figure 75 - Germany Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	185
Figure 76 - Germany Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	186
Figure 77 - France HLS & Public Safety Agencies Organogram.....	192
Figure 78 - France Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	194
Figure 79 - France Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	195
Figure 80 - France Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	196
Figure 81 - France Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	197
Figure 82 - France Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020.....	198
Figure 83 - Spain HLS & Public Safety Agencies Organogram.....	205
Figure 84 - Spain Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	207
Figure 85 - Spain Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	208
Figure 86 - Spain Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	209
Figure 87 - Spain Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	210
Figure 88 - Spain Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	211
Figure 89 - Italy HLS & Public Safety Agencies Organogram .....	217
Figure 90 - Italy Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	219
Figure 91 - Italy Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	220
Figure 92 - Italy Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	221
Figure 93 - Italy Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	222
Figure 94 - Italy Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	223
Figure 95 - Austria Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	230

Figure 96 - Austria Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	231
Figure 97 - Austria Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	232
Figure 98 - Austria Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	233
Figure 99 - Austria Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	234
Figure 100 - Czech Republic Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020 .....	238
Figure 101 - Czech Republic Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	239
Figure 102 - Czech Republic Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	240
Figure 103 - Czech Republic Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	241
Figure 104 - Czech Republic Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	242
Figure 105 - Poland Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	247
Figure 106 - Poland Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	248
Figure 107 - Poland Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	249
Figure 108 - Poland Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	250
Figure 109 - Poland Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	251
Figure 110 - Russia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	262
Figure 111 - Russia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	263
Figure 112 - Russia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	264
Figure 113 - Russia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	265
Figure 114 - Russia Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	266
Figure 115 - Turkey HLS & Public Safety Agencies Organogram .....	274
Figure 116 - Turkey Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	276
Figure 117 - Turkey Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	277
Figure 118 - Turkey Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	278

Figure 119 - Turkey Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	279
Figure 120 - Turkey Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	280
Figure 121 - Israel HLS & Public Safety Agencies Organogram .....	289
Figure 122 - Israel Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	290
Figure 123 - Israel Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	291
Figure 124 - Israel Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	292
Figure 125 - Israel Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	293
Figure 126 - Israel Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	294
Figure 127 - Three Tiers of Saudi Security Infrastructure.....	298
Figure 128 - The Saudi Government Security Organization Chart .....	303
Figure 129 - Saudi Arabia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020 .....	305
Figure 130 - Saudi Arabia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	306
Figure 131 - Saudi Arabia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020 .....	307
Figure 132 - Saudi Arabia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	308
Figure 133 - Saudi Arabia Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	309
Figure 134 - Dubai Police Organization Chart.....	317
Figure 135 - UAE HLS & Public Safety Agencies Organogram.....	318
Figure 136 - UAE Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	319
Figure 137 - UAE Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	320
Figure 138 - UAE Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	321
Figure 139 - UAE Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	322
Figure 140 - UAE Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	323
Figure 141 - Qatar Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	329
Figure 142 - Qatar Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	330
Figure 143 - Qatar Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	331

Figure 144 - Qatar Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	332
Figure 145 - Qatar Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	333
Figure 146 - Kuwait Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	339
Figure 147 - Kuwait Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	340
Figure 148 - Kuwait Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	341
Figure 149 - Kuwait Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	342
Figure 150 - Kuwait Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	343
Figure 151 - Iraq Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	354
Figure 152 - Iraq Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	355
Figure 153 - Iraq Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	356
Figure 154 - Iraq Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	357
Figure 155 - Iraq Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	358
Figure 156 - Nigeria Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	368
Figure 157 - Nigeria Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	369
Figure 158 - Nigeria Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	370
Figure 159 - Nigeria Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	371
Figure 160 - Nigeria Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	372
Figure 161 - South Africa Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020 .....	378
Figure 162 - South Africa Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	379
Figure 163 - South Africa Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020 .....	380
Figure 164 - South Africa Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	381
Figure 165 - South Africa Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	382
Figure 166 - Other EMEA Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	384

Figure 167 - Other EMEA Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	385
Figure 168 - Other EMEA Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	386
Figure 169 - Other EMEA Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020....	387
Figure 170 - Other EMEA Countries Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020..	388
Figure 171 - Azerbaijan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020 .....	395
Figure 172 - Azerbaijan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	396
Figure 173 - Azerbaijan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020 .....	397
Figure 174 - Azerbaijan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	398
Figure 175 - Azerbaijan Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	399
Figure 176 - Kazakhstan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020 .....	403
Figure 177 - Kazakhstan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	404
Figure 178 - Kazakhstan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020 .....	405
Figure 179 - Kazakhstan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	406
Figure 180 - Kazakhstan Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	407
Figure 181 - Pakistan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	413
Figure 182 - Pakistan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	414
Figure 183 - Pakistan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	415
Figure 184 - Pakistan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	416
Figure 185 - Pakistan Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	417
Figure 186 - India 2000-2050 GDP per Capita against the U.S.A .....	421
Figure 187 - India HLS & Public Safety Agencies Organogram .....	427
Figure 188 - India Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	429
Figure 189 - India Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	430
Figure 190 - India Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	431

Figure 191 - India Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	432
Figure 192 - India Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	433
Figure 193 - The IMF 2010-2030 Forecast: China GDP vs. Other Nations GDP	438
Figure 194 - China 2000-2050 GDP per Capita Forecast .....	439
Figure 195 - China security & Safety Agencies Organogram .....	447
Figure 196 - China Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	449
Figure 197 - China Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	450
Figure 198 - China Intelligent Video Surveillance, ISR & Video Analytics Global Market Share [%] - 2011-2020 .....	451
Figure 199 - China Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	452
Figure 200 - China Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	453
Figure 201 - China Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	454
Figure 202 - Taiwan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	458
Figure 203 - Taiwan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	459
Figure 204 - Taiwan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	460
Figure 205 - Taiwan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	461
Figure 206 - Taiwan Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	462
Figure 207 - South Korea HLS & Public Safety Agencies Organogram .....	467
Figure 208 - South Korea Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020 .....	469
Figure 209 - South Korea Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	470
Figure 210 - South Korea Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] - 2011-2020 .....	471
Figure 211 - South Korea Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020 .....	472
Figure 212 - South Korea Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	473
Figure 213 - South Korea Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	474
Figure 214 – Japan Security & Public Safety Agencies Organogram.....	480
Figure 215 - Japan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	482

Figure 216 - Japan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	483
Figure 217 - Japan Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] - 2011-2020 .....	484
Figure 218 - Japan Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	485
Figure 219 - Japan Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	486
Figure 220 - Japan Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020.....	487
Figure 221 - Singapore Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020 .....	492
Figure 222 - Singapore Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	493
Figure 223 - Singapore Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	494
Figure 224 - Singapore Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	495
Figure 225 - Singapore Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	496
Figure 226 - Malaysia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	502
Figure 227 - Malaysia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	503
Figure 228 - Malaysia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	504
Figure 229 - Malaysia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	505
Figure 230 - Malaysia Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	506
Figure 231 - Indonesia HLS & Public Safety Agencies Organogram .....	512
Figure 232 - Indonesia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020 .....	514
Figure 233 - Indonesia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	515
Figure 234 - Indonesia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	516
Figure 235 - Indonesia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	517
Figure 236 - Indonesia Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	518
Figure 237 - Australia HLS & Public Safety Agencies Organogram .....	522
Figure 238 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	524
Figure 239 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020 .....	525

Figure 240 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	526
Figure 241 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	527
Figure 242 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	528
Figure 243 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	530
Figure 244 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	531
Figure 245 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020	532
Figure 246 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	533
Figure 247 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011- 2020 .....	534
Figure 248 - A Simple MDP with Three States and Two Actions.....	538
Figure 249 - Video Surveillance Technologies Timeline.....	544
Figure 250 - A Wireless Video Surveillance System .....	549
Figure 251 - Global Video Security Surveillance Market [\$B] by: Sales and After- Sale Revenues – 2011-2022.....	558
Figure 252 - Global Video Security Market AGR [%] by: Sales and After-Sale Revenues – 2011-2022 .....	559
Figure 253 - Global Video Security Market Share [%] by: Sales and After-Sale Revenues – 2011-2022 .....	560
Figure 254 - Global Video Security Sales [\$B] – 2011-2022 .....	561
Figure 255 - Global Video Security Sales AGR [%] – 2011-2022.....	561
Figure 256 - Global Video Security Surveillance After-Sale Revenues [\$B] – 2011- 2022 .....	562
Figure 257 - Global Video Security Surveillance After-Sale Revenues AGR [%] – 2011-2022.....	563
Figure 258 - Example of FTIR Application at Border Checkpoint Facilities .....	564
Figure 259 - CCTV Based Biometric People Screening Corridor .....	566
Figure 260 - Field of View of a Fused Video Surveillance and Biometrics .....	567
Figure 261 - A Corridor CCTV & Biometric Portal Layout.....	569
Figure 262 - A New Product Technology Assessment Process .....	580
Figure 263 - World Muslim Population .....	587
Figure 264 - World Muslim Population Map .....	590

Figure 240 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020.....	526
Figure 241 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020.....	527
Figure 242 - Australia Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011-2020 .....	528
Figure 243 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] - 2011-2020.....	530
Figure 244 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] - 2011-2020.....	531
Figure 245 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market [\$M] by Revenue Segment – 2011-2020	532
Figure 246 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market AGR [%] by Revenue Segment – 2011-2020 .....	533
Figure 247 - Other Asia-Pacific Countries Intelligent Video Surveillance, ISR & Video Analytics Market Share [%] by Revenue Segment – 2011- 2020 .....	534
Figure 248 - A Simple MDP with Three States and Two Actions.....	538
Figure 249 - Video Surveillance Technologies Timeline.....	544
Figure 250 - A Wireless Video Surveillance System .....	549
Figure 251 - Global Video Security Surveillance Market [\$B] by: Sales and After- Sale Revenues – 2011-2022.....	558
Figure 252 - Global Video Security Market AGR [%] by: Sales and After-Sale Revenues – 2011-2022 .....	559
Figure 253 - Global Video Security Market Share [%] by: Sales and After-Sale Revenues – 2011-2022 .....	560
Figure 254 - Global Video Security Sales [\$B] – 2011-2022 .....	561
Figure 255 - Global Video Security Sales AGR [%] – 2011-2022.....	561
Figure 256 - Global Video Security Surveillance After-Sale Revenues [\$B] – 2011- 2022 .....	562
Figure 257 - Global Video Security Surveillance After-Sale Revenues AGR [%] – 2011-2022 .....	563
Figure 258 - Example of FTIR Application at Border Checkpoint Facilities .....	564
Figure 259 - CCTV Based Biometric People Screening Corridor .....	566
Figure 260 - Field of View of a Fused Video Surveillance and Biometrics .....	567
Figure 261 - A Corridor CCTV & Biometric Portal Layout.....	569
Figure 262 - A New Product Technology Assessment Process .....	580
Figure 263 - World Muslim Population .....	587
Figure 264 - World Muslim Population Map .....	590