

*2019-2025*

***Command and Control Technologies Market in  
Defense, Law Enforcement & Public Safety***

***Volume 1 – Volume 3***



*Homeland Security Research Corp.*

# ***Command and Control Technologies Market in Defense, Law Enforcement & Public Safety***

## ***2019-2025***

### ***Volume 1***

*Homeland Security Research Corp. (HSRC)* is an international market and technology research firm specializing in the Homeland Security (HLS) & Public Safety (PS) Industry. HSRC provides premium market off-the-shelf and custom reports on present and emerging technologies and industry expertise, enabling global clients to gain time-critical insight into business opportunities. HSRC's clients include the EU, NATO, U.S. Congress, DHS, U.S. Army, U.S. Navy, DOD, DOT, and US Congress GAO among others; as well as Counter Terror & PS government agencies in Japan, Korea, Taiwan, Israel, Canada, UK, Germany, Australia, Sweden, Finland, Singapore. With over 950 private sector clients (72% repeat customers), including major defense and security vendors, and Fortune 2000 companies, HSRC earned the reputation as the industry's Gold Standard for Homeland Security & Public Safety market reports.

Washington D.C. 20004, 601 Pennsylvania Ave., NW Suite 900,  
Tel: 202-455-0966, [info@hsrc.biz](mailto:info@hsrc.biz), [www.homelandsecurityresearch.com](http://www.homelandsecurityresearch.com)

## Table of Contents

<b>1</b>	<b>Executive Summary .....</b>	<b>13</b>
1.1	Key Findings & Conclusions .....	13
1.2	Global Command and Control Technologies Market in Defense, Law Enforcement & Public Safety – 2018-2025 .....	18
1.2.1	Vertical Markets.....	18
1.2.2	Technology Markets .....	19
1.2.3	Market by Revenue Source .....	20
1.2.4	Regional Markets .....	21
1.2.5	National Markets .....	22
<b>2</b>	<b>Scope.....</b>	<b>23</b>
<b>3</b>	<b>Market &amp; Technology Background .....</b>	<b>24</b>
<b>4</b>	<b>Business Opportunities .....</b>	<b>30</b>
<b>5</b>	<b>C2/C4ISR Market Analysis .....</b>	<b>31</b>
5.1	C2/C4ISR Industry SWOT Analysis .....	31
5.1.1	Strengths .....	31
5.1.2	Weaknesses.....	32
5.1.3	Opportunities .....	32
5.1.4	Threats .....	32
5.2	C2/C4ISR Market Drivers .....	33
5.3	C2/C4ISR Systems Market Inhibitors.....	35
	<b>VERTICAL MARKETS .....</b>	<b>36</b>
<b>6</b>	<b>Global Command and Control Technologies in Defense, Law Enforcement &amp; Public Safety by Vertical Markets .....</b>	<b>36</b>
6.1	Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size by Vertical Market – 2018-2025.....	36
6.2	Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Dynamics – 2018- 2025.....	37
6.3	Global C2/C4ISR Systems Market Breakdown – 2018-2025.....	38
<b>7</b>	<b>Defense Command and Control Technologies Market – 2018-2025 .....</b>	<b>40</b>
7.1	Defense C2/C4ISR Technologies Market Background .....	40
7.2	Global Defense Command and Control Technologies Market – 2018-2025.....	40
7.2.1	Defense C2/C4ISR Systems Market – 2018-2025 .....	40
7.2.2	Defense Command and Control Technologies Market Dynamics – 2018-2025.....	41

<b>8</b>	<b>Intelligence Services Command and Control Technologies Market – 2018-2025.....</b>	<b>42</b>
8.1	Intelligence Services C2/C4ISR Systems Technologies Market Background.....	42
8.2	Global Intelligence Services C2/C4ISR Systems Technologies Market – 2018-2025.....	42
8.2.1	Intelligence Services Market – 2018-2025.....	42
8.2.2	Intelligence Services Command and Control Technologies Market Dynamics – 2018-2025 .....	43
<b>9</b>	<b>Law Enforcement Command and Control Technologies Market – 2018-2025.....</b>	<b>44</b>
9.1	Law Enforcement C2/C4ISR Technologies Market Background.....	44
9.2	Global Law Enforcement Command and Control Technologies Market – 2018-2025.....	44
9.2.1	Law Enforcement Market – 2018-2025.....	44
9.2.2	Law Enforcement Command and Control Technologies Market Dynamics – 2018-2025.....	45
<b>10</b>	<b>Public Safety Command and Control Technologies Market – 2018-2025 .....</b>	<b>46</b>
10.1	Public Safety C2/C4ISR Technologies Market Background.....	46
10.2	Global Public Safety Command and Control Technologies Market – 2018-2025.....	46
10.2.1	Public Safety Market – 2018-2025 .....	46
10.2.2	Public Safety Command and Control Technologies Market Dynamics – 2018-2025.....	47
<b>11</b>	<b>Disaster Response &amp; Other Command and Control Markets in Defense, Law Enforcement &amp; Public Safety – 2018-2025.....</b>	<b>48</b>
11.1	Disaster Response & Other C2/C4ISR Technologies in Defense, Law Enforcement & Public Safety Markets Background.....	48
11.2	Global Disaster Response & Other Command and Control Markets in Defense, Law Enforcement & Public Safety – 2018-2025.....	48
11.2.1	Disaster Response & Other Markets – 2018-2025 .....	48
11.2.2	Disaster Response & Other Command and Control Technologies in Defense, Law Enforcement & Public Safety Markets Dynamics – 2018-2025.....	49
	<b>TECHNOLOGY MARKETS.....</b>	<b>50</b>
<b>12</b>	<b>Global Command and Control Technology Markets in Defense, Law Enforcement &amp; Public Safety.....</b>	<b>50</b>
12.1	C2/C4ISR Technologies in Defense, Law Enforcement & Public Safety Market Size by Technology – 2018-2025.....	50

12.2	Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	51
12.3	Global Market Breakdown – 2018-2025.....	52
<b>13</b>	<b>C2, C3, C4 &amp; C5 Based Systems Hardware Market – 2018-2025 .....</b>	<b>54</b>
13.1	C2, C3, C4 & C5 Based Systems Hardware Market Background.....	54
13.2	Global C2, C3, C4 & C5 Based Systems Hardware Market – 2018-2025.....	54
13.2.1	C2, C3, C4 & C5 Based Systems Hardware Market – 2018-2025 .....	54
13.2.2	C2, C3, C4 & C5 Based Systems Hardware Market Dynamics – 2018-2025.....	55
<b>14</b>	<b>C2, C3, C4 &amp; C5 Based Systems Software Market – 2018-2025 .....</b>	<b>56</b>
14.1	C2, C3, C4 & C5 Based Systems Software Market Background.....	56
14.2	Global C2, C3, C4 & C5 Based Systems Software Market – 2018-2025.....	56
14.2.1	C2, C3, C4 & C5 Based Systems Software Market – 2018-2025 .....	56
14.2.2	C2, C3, C4 & C5 Based Systems Software Market Dynamics – 2018-2025.....	57
<b>15</b>	<b>C2/C4ISR Systems Artificial Intelligence Market – 2018-2025 .....</b>	<b>58</b>
15.1	Artificial Intelligence Market Background .....	58
15.2	Global C2/C4ISR Artificial Intelligence Market – 2018-2025.....	58
15.2.1	Artificial Intelligence Market – 2018-2025.....	58
15.2.2	Artificial Intelligence Market Dynamics – 2018-2025 .....	59
<b>16</b>	<b>C2/C4ISR Systems Cybersecurity Market – 2018-2025 .....</b>	<b>60</b>
16.1	C2/C4ISR Systems Cybersecurity Market Background .....	60
16.2	Global C2/C4ISR Systems Cybersecurity Market – 2018-2025.....	60
16.2.1	Cybersecurity Market – 2018-2025 .....	60
16.2.2	Cybersecurity Market Dynamics – 2018-2025.....	61
<b>17</b>	<b>C2/C4ISR Big Data, IIoT &amp; Other Market – 2018-2025.....</b>	<b>62</b>
17.1	C2/C4ISR Systems: Big Data, IIoT & Other Market Background.....	62
17.2	Global C2/C4ISR Big Data, IIoT & Other Market – 2018-2025.....	62
17.2.1	Big Data, IIoT & Other Market – 2018-2025 .....	62
17.2.2	Big Data, IIoT & Other Market Dynamics – 2018-2025 .....	63

<b>REVENUE SOURCE MARKETS.....</b>	<b>64</b>
<b>18 Global Command and Control Technologies Market in Defense, Law Enforcement &amp; Public Safety by Revenue Source .....</b>	<b>64</b>
18.1 Global Command and Control Market – 2018-2025.....	64
18.2 Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	65
18.3 Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share – 2018-2025.....	66
<b>REGIONAL MARKETS .....</b>	<b>68</b>
<b>19 Regional Command and Control Technologies in Defense, Law Enforcement &amp; Public Safety Markets .....</b>	<b>68</b>
19.1 Regional Markets – 2018-2025.....	68
19.2 Regional Command and Control Technologies in Defense, Law Enforcement & Public Safety Markets Dynamics – 2018-2025.....	69
19.3 Global Command and Control Market Share by Region – 2018-2025.....	70
<b>20 North America Command and Control Technologies in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>71</b>
20.1 North America Market – 2018-2025.....	71
20.2 North America Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	73
20.3 North America Market Share – 2018-2025 .....	73
<b>21 South America Command and Control Technologies in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>75</b>
21.1 South America Market – 2018-2025 .....	75
21.2 South America Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	76
21.3 South America Market Share – 2018-2025.....	77
<b>22 Europe Command and Control Technologies in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>79</b>
22.1 Europe Market – 2018-2025 .....	79
22.2 Europe Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	80
22.3 Europe Market Share – 2018-2025.....	81
<b>23 Middle East &amp; Africa Command and Control Technologies in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>83</b>

23.1	Middle East & Africa Market – 2018-2025.....	83
23.2	Middle East & Africa Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	84
23.3	Middle East & Africa Market Share – 2018-2025 .....	85
<b>24</b>	<b>Asia-Pacific Command and Control Technologies in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>87</b>
24.1	Asia-Pacific Market – 2018-2025 .....	87
24.2	Asia-Pacific Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	88
24.3	Asia-Pacific Market Share – 2018-2025.....	89



## List of Tables

Table 1 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Vertical Market – 2018-2025.....	18
Table 2 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Technology Market – 2018-2025.....	19
Table 3 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market AGRs [%] by Technology Market – 2018-2025 .....	20
Table 4 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	20
Table 5 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Region – 2018-2025.....	21
Table 6 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Country – 2018-2025.....	22
Table 7 - HLS & PS C3I Business Opportunities .....	30
Table 8 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Vertical Market – 2018-2025.....	36
Table 9 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market AGRs [%] by Vertical Market – 2018-2025.....	38
Table 10 - Global Defense Command and Control Technologies Market Size [\$M] – 2018-2025.....	40
Table 11 - Global Defense Command and Control Technologies Market AGRs [%] – 2019-2025.....	41
Table 12 - Global Intelligence Services Command and Control Technologies Market Size [\$M] – 2018-2025.....	42
Table 13 - Global Intelligence Services Command and Control Technologies Market AGRs [%] – 2019-2025.....	43
Table 14 - Global Law Enforcement Command and Control Technologies Market Size [\$M] – 2018-2025.....	44
Table 15 - Global Law Enforcement Command and Control Technologies Market AGRs [%] – 2019-2025 .....	45
Table 16 - Global Public Safety Command and Control Technologies Market Size [\$M] – 2018-2025.....	46
Table 17 - Global Public Safety Command and Control Technologies Market AGRs [%] – 2019-2025 .....	47
Table 18 - Global Disaster Response & Other Command and Control Technologies in Defense, Law Enforcement & Public Safety Markets Size [\$M] – 2018-2025 .....	48



Table 19 - Global Disaster Response & Other Command and Control Technologies in Defense, Law Enforcement & Public Safety Markets AGRs [%] – 2019-2025 .....	49
Table 20 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Technology– 2018-2025 .....	50
Table 21 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market AGRs [%] by Technology Market – 2018-2025 .....	52
Table 22 - Global C2, C3, C4 & C5 Based Systems Hardware Market Size [\$M] – 2018-2025.....	54
Table 23 - Global C2, C3, C4 & C5 Based Systems Hardware Market AGRs [%] – 2019-2025.....	55
Table 24 - Global C2, C3, C4 & C5 Based Systems Software Market Size [\$M] – 2018-2025.....	56
Table 25 - Global C2, C3, C4 & C5 Based Systems Software Market AGRs [%] – 2019-2025 .....	57
Table 26 - Global Artificial Intelligence Market Size [\$M] – 2018-2025 .....	58
Table 27 - Global Artificial Intelligence Market AGRs [%] – 2019-2025 .....	59
Table 28 - Global Cybersecurity Market Size [\$M] – 2018-2025.....	60
Table 29 - Global Cybersecurity Market AGRs [%] – 2019-2025.....	61
Table 30 - Global Big Data, IIoT & Other Market Size [\$M] – 2018-2025 .....	62
Table 31 - Global Big Data, IIoT & Other Market AGRs [%] – 2019-2025.....	63
Table 32 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	64
Table 33 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	66
Table 34 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Region – 2018-2025.....	68
Table 35 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market AGRs [%] by Region – 2018-2025.....	70
Table 36 - North America Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	72
Table 37 - North America Command and Control Technologies in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	73
Table 38 - South America Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	75

Table 39 - South America Command and Control Technologies in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	77
Table 40 - Europe Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	79
Table 41 - Europe Command and Control Technologies in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	81
Table 42 - Middle East & Africa Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	83
Table 43 - Middle East & Africa Command and Control Technologies in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	85
Table 44 - Asia-Pacific Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	87
Table 45 - Asia-Pacific Command and Control Technologies in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	89

## List of Figures

Figure 1 – Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Trends .....	14
Figure 2 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market: Research Vectors .....	17
Figure 3 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Vertical Market – 2018-2025.....	19
Figure 4 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share [%] by Region – 2018-2025.....	21
Figure 5 - A Border Security Command, Control & Communication System .....	27
Figure 6 - Perimeter Security C3I System Topology .....	28
Figure 7 - A Seaport Security C3I System Block Diagram .....	29
Figure 8 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Vertical Market – 2018-2025.....	37
Figure 9 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share [%] by Vertical Market – 2018-2025.....	39
Figure 10 – Global Defense Command and Control Technologies Market Size [\$M] – 2018-2025.....	41
Figure 11 – Global Intelligence Services Command and Control Technologies Market Size [\$M] – 2018-2025.....	43
Figure 12 – Global Law Enforcement Command and Control Technologies Market Size [\$M] – 2018-2025.....	45
Figure 13 – Global Public Safety Command and Control Technologies Market Size [\$M] – 2018-2025.....	47
Figure 14 – Global Disaster Response & Other Command and Control Technologies in Defense, Law Enforcement & Public Safety Markets Size [\$M] – 2018-2025.....	49
Figure 15 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Technology– 2018-2025 .....	51
Figure 16 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share [%] by Technology Market – 2018-2025 .....	53
Figure 17 – Global C2, C3, C4 & C5 Based Systems Hardware Market Size [\$M] – 2018-2025.....	55
Figure 18 – Global C2, C3, C4 & C5 Based Systems Software Market Size [\$M] – 2018-2025.....	57
Figure 19 – Global Artificial Intelligence Market Size [\$M] – 2018-2025 .....	59
Figure 20 – Global Cybersecurity Market Size [\$M] – 2018-2025.....	61
Figure 21 – Global Big Data, IIoT & Other Market Size [\$M] – 2018-2025 .....	63

Figure 22 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	65
Figure 23 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	67
Figure 24 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Region – 2018-2025.....	69
Figure 25 - Global Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share [%] by Region – 2018-2025.....	71
Figure 26 - North America Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	72
Figure 27 - North America Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	74
Figure 28 - South America Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	76
Figure 29 - South America Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	78
Figure 30 - Europe Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	80
Figure 31 - Europe Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	82
Figure 32 - Middle East & Africa Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	84
Figure 33 - Middle East & Africa Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	86
Figure 34 - Asia-Pacific Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	88
Figure 35 - Asia-Pacific Command and Control Technologies in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	90

# ***Command and Control Technologies Market in Defense, Law Enforcement & Public Safety***

## ***2019-2025***

### ***Volume 2***

## Table of Contents

<b>NATIONAL MARKETS</b>	<b>27</b>
<b>1 National Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Markets</b>	<b>27</b>
1.1 National Markets – 2018-2025	27
1.2 National Command and Control Systems in Defense, Law Enforcement & Public Safety Markets Dynamics – 2018-2025	29
1.3 Global Market Share by Country – 2018-2025	31
<b>North America</b>	<b>33</b>
<b>2 U.S. Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market</b>	<b>33</b>
2.1 U.S. Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background	33
2.2 U.S. Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025	33
2.3 U.S. Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025	34
2.4 U.S. Market Share – 2018-2025	35
<b>3 Canada Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market</b>	<b>37</b>
3.1 Canada Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background	37
3.2 Canada Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025	37
3.3 Canada Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025	38
3.4 Canada Market Share – 2018-2025	39
<b>Latin America</b>	<b>41</b>
<b>4 Mexico Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market</b>	<b>41</b>
4.1 Mexico Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background	41
4.2 Mexico Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025	41
4.3 Mexico Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025	42
4.4 Mexico Market Share – 2018-2025	43

<b>5</b>	<b>Colombia Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>45</b>
5.1	Colombia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	45
5.2	Colombia Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	45
5.3	Colombia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	46
5.4	Colombia Market Share – 2018-2025 .....	47
<b>6</b>	<b>Brazil Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>49</b>
6.1	Brazil Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	49
6.2	Brazil Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	49
6.3	Brazil Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	50
6.4	Brazil Market Share – 2018-2025 .....	51
<b>7</b>	<b>Argentina Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>53</b>
7.1	Argentina Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	53
7.2	Argentina Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	53
7.3	Argentina Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	54
7.4	Argentina Market Share – 2018-2025 .....	55
<b>8</b>	<b>Rest of Latin America Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>57</b>
8.1	Rest of Latin America Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	57
8.2	Rest of Latin America Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	57
8.3	Rest of Latin America Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	58
8.4	Rest of Latin America Market Share – 2018-2025 .....	59
	<b>Europe .....</b>	<b>60</b>



<b>9</b>	<b>UK Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>60</b>
9.1	UK Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	60
9.2	UK Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	60
9.3	UK Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	61
9.4	UK Market Share – 2018-2025 .....	62
<b>10</b>	<b>France Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>64</b>
10.1	France Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	64
10.2	France Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	64
10.3	France Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	65
10.4	France Market Share – 2018-2025 .....	66
<b>11</b>	<b>Netherlands Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>68</b>
11.1	Netherlands Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	68
11.2	Netherlands Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	68
11.3	Netherlands Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	69
11.4	Netherlands Market Share – 2018-2025 .....	70
<b>12</b>	<b>Belgium Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>72</b>
12.1	Belgium Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	72
12.2	Belgium Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	72
12.3	Belgium Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	73
12.4	Belgium Market Share – 2018-2025 .....	74
<b>13</b>	<b>Sweden Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>76</b>
13.1	Sweden Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	76

13.2	Sweden Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	76
13.3	Sweden Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	77
13.4	Sweden Market Share – 2018-2025 .....	78
<b>14</b>	<b>Denmark Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>80</b>
14.1	Denmark Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	80
14.2	Denmark Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	80
14.3	Denmark Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	81
14.4	Denmark Market Share – 2018-2025.....	82
<b>15</b>	<b>Germany Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>84</b>
15.1	Germany Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	84
15.2	Germany Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	84
15.3	Germany Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	85
15.4	Germany Market Share – 2018-2025.....	86
<b>16</b>	<b>Austria Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>88</b>
16.1	Austria Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	88
16.2	Austria Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	88
16.3	Austria Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	89
16.4	Austria Market Share – 2018-2025 .....	90
<b>17</b>	<b>Italy Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>92</b>
17.1	Italy Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	92
17.2	Italy Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	92
17.3	Italy Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	93

17.4	Italy Market Share – 2018-2025.....	94
<b>18</b>	<b>Spain Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>96</b>
18.1	Spain Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	96
18.2	Spain Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	96
18.3	Spain Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	97
18.4	Spain Market Share – 2018-2025 .....	98
<b>19</b>	<b>Poland Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>100</b>
19.1	Poland Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	100
19.2	Poland Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	100
19.3	Poland Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	101
19.4	Poland Market Share – 2018-2025 .....	102
<b>20</b>	<b>Czech Republic Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>104</b>
20.1	Czech Republic Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background.....	104
20.2	Czech Republic Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025.....	104
20.3	Czech Republic Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	105
20.4	Czech Republic Market Share – 2018-2025 .....	106
<b>21</b>	<b>Russia Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>108</b>
21.1	Russia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	108
21.2	Russia Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	108
21.3	Russia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	109
21.4	Russia Market Share – 2018-2025 .....	110

<b>22</b>	<b>Rest of Europe Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>112</b>
22.1	Rest of Europe Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background.....	112
22.2	Rest of Europe Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025.....	112
22.3	Rest of Europe Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	113
22.4	Rest of Europe Market Share – 2018-2025 .....	114
	<b>Middle East &amp; Africa .....</b>	<b>116</b>
<b>23</b>	<b>Turkey Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>116</b>
23.1	Turkey Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	116
23.2	Turkey Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	116
23.3	Turkey Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	117
23.4	Turkey Market Share – 2018-2025 .....	118
<b>24</b>	<b>Israel Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>120</b>
24.1	Israel Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	120
24.2	Israel Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	120
24.3	Israel Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	121
24.4	Israel Market Share – 2018-2025.....	122
<b>25</b>	<b>Saudi Arabia Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>124</b>
25.1	Saudi Arabia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background.....	124
25.2	Saudi Arabia Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025.....	124
25.3	Saudi Arabia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	125
25.4	Saudi Arabia Market Share – 2018-2025.....	126
<b>26</b>	<b>UAE Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>128</b>

26.1	UAE Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	128
26.2	UAE Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	128
26.3	UAE Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	129
26.4	UAE Market Share – 2018-2025.....	130
<b>27</b>	<b>Qatar Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>132</b>
27.1	Qatar Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	132
27.2	Qatar Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	132
27.3	Qatar Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	133
27.4	Qatar Market Share – 2018-2025 .....	134
<b>28</b>	<b>Kuwait Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>136</b>
28.1	Kuwait Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	136
28.2	Kuwait Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	136
28.3	Kuwait Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	137
28.4	Kuwait Market Share – 2018-2025.....	138
<b>29</b>	<b>Nigeria Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>140</b>
29.1	Nigeria Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	140
29.2	Nigeria Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	140
29.3	Nigeria Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	141
29.4	Nigeria Market Share – 2018-2025.....	142
<b>30</b>	<b>South Africa Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>144</b>
30.1	South Africa Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background.....	144
30.2	South Africa Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025.....	144



30.3	South Africa Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	145
30.4	South Africa Market Share – 2018-2025.....	146
<b>31</b>	<b>Rest of MEA Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>148</b>
31.1	Rest of MEA Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background.....	148
31.2	Rest of MEA Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025.....	148
31.3	Rest of MEA Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	149
31.4	Rest of MEA Market Share – 2018-2025 .....	150
	<b>Asia-Pacific .....</b>	<b>152</b>
<b>32</b>	<b>India Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>152</b>
32.1	India Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	152
32.2	India Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	152
32.3	India Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	153
32.4	India Market Share – 2018-2025 .....	154
<b>33</b>	<b>China Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>156</b>
33.1	China Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	156
33.2	China Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	156
33.3	China Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	157
33.4	China Market Share – 2018-2025.....	158
<b>34</b>	<b>South Korea Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>160</b>
34.1	South Korea Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background.....	160
34.2	South Korea Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025.....	160
34.3	South Korea Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	161

34.4	South Korea Market Share – 2018-2025 .....	162
<b>35</b>	<b>Japan Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>164</b>
35.1	Japan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	164
35.2	Japan Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	164
35.3	Japan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	165
35.4	Japan Market Share – 2018-2025.....	166
<b>36</b>	<b>Australia Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>168</b>
36.1	Australia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	168
36.2	Australia Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	168
36.3	Australia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	169
36.4	Australia Market Share – 2018-2025 .....	170
<b>37</b>	<b>Azerbaijan Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>172</b>
37.1	Azerbaijan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background.....	172
37.2	Azerbaijan Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025.....	172
37.3	Azerbaijan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	173
37.4	Azerbaijan Market Share – 2018-2025 .....	174
<b>38</b>	<b>Kazakhstan Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>176</b>
38.1	Kazakhstan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background.....	176
38.2	Kazakhstan Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025.....	176
38.3	Kazakhstan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	177
38.4	Kazakhstan Market Share – 2018-2025.....	178
<b>39</b>	<b>Pakistan Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>180</b>



39.1	Pakistan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	180
39.2	Pakistan Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	180
39.3	Pakistan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	181
39.4	Pakistan Market Share – 2018-2025.....	182
<b>40</b>	<b>Taiwan Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>184</b>
40.1	Taiwan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	184
40.2	Taiwan Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	184
40.3	Taiwan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	185
40.4	Taiwan Market Share – 2018-2025.....	186
<b>41</b>	<b>Singapore Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>188</b>
41.1	Singapore Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	188
41.2	Singapore Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	188
41.3	Singapore Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	189
41.4	Singapore Market Share – 2018-2025 .....	190
<b>42</b>	<b>Malaysia Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>192</b>
42.1	Malaysia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	192
42.2	Malaysia Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	192
42.3	Malaysia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	193
42.4	Malaysia Market Share – 2018-2025 .....	194
<b>43</b>	<b>Indonesia Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>196</b>
43.1	Indonesia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background .....	196
43.2	Indonesia Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025 .....	196

43.3	Indonesia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025.....	197
43.4	Indonesia Market Share – 2018-2025.....	198
<b>44</b>	<b>Rest of Asia Pacific Command and Control Systems in Defense, Law Enforcement &amp; Public Safety Market .....</b>	<b>200</b>
44.1	Rest of Asia Pacific Command and Control Systems in Defense, Law Enforcement & Public Safety Market Background.....	200
44.2	Rest of Asia Pacific Command and Control Systems in Defense, Law Enforcement & Public Safety Market – 2018-2025.....	200
44.3	Rest of Asia Pacific Command and Control Systems in Defense, Law Enforcement & Public Safety Market Dynamics – 2018-2025 .....	201
44.4	Rest of Asia Pacific Market Share – 2018-2025 .....	202

## VENDORS

<b>45</b>	<b>Major Vendors.....</b>	<b>204</b>
45.1	Activu .....	204
45.2	BAE Systems .....	204
45.3	Barco .....	205
45.4	Boeing Company .....	205
45.5	CACI International Inc. ....	206
45.6	Christie Digital Systems .....	207
45.7	Collins Aerospace .....	207
45.8	Datapath Limited.....	208
45.9	Elbit Systems Ltd .....	209
45.10	Extron Electronics .....	209
45.11	General Dynamics Corporation.....	210
45.12	Green Hippo .....	211
45.13	Harris Corporation.....	211
45.14	Hiperwall, Inc. ....	212
45.15	Honeywell International Inc. ....	213
45.16	InFocus Corporation .....	213
45.17	Kratos Defense and Security Solutions.....	214
45.18	Leonardo SPA .....	214
45.19	Lockheed Martin .....	215
45.20	Matrox.....	216
45.21	Northrop Grumman Corporation .....	216
45.22	Panasonic Corporation .....	217
45.23	Planar System Inc.....	218
45.24	Raytheon Company .....	218
45.25	RGB Spectrum Inc. ....	219
45.26	Rockwell Collins, Inc. ....	220

45.27 Saab AB.....220

45.28 Thales Group .....222

45.29 tvONE .....222

45.30 Useful Corporation.....223

45.31 VuWall Technology Inc. ....223

## List of Tables

Table 1 - Global Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Country – 2018-2025.....	28
Table 2 - Global Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Country – 2018-2025.....	30
Table 3 - U.S. Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	33
Table 4 - U.S. Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	35
Table 5 - Canada Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	37
Table 6 - Canada Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	39
Table 7 - Mexico Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	41
Table 8 - Mexico Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	43
Table 9 - Colombia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	45
Table 10 - Colombia Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	47
Table 11 - Brazil Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	49
Table 12 - Brazil Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	51
Table 13 - Argentina Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	53
Table 14 - Argentina Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	55

Table 15 - Rest of Latin America Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	57
Table 16 - Rest of Latin America Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	59
Table 17 - UK Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	60
Table 18 - UK Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	62
Table 19 - France Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	64
Table 20 - France Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	66
Table 21 - Netherlands Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	68
Table 22 - Netherlands Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	70
Table 23 - Belgium Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	72
Table 24 - Belgium Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	74
Table 25 - Sweden Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	76
Table 26 - Sweden Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	78
Table 27 - Denmark Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	80
Table 28 - Denmark Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	82
Table 29 - Germany Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	84

Table 30 - Germany Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	86
Table 31 - Austria Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	88
Table 32 - Austria Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	90
Table 33 - Italy Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	92
Table 34 - Italy Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	94
Table 35 - Spain Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	96
Table 36 - Spain Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	98
Table 37 - Poland Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	100
Table 38 - Poland Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	102
Table 39 - Czech Republic Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	104
Table 40 - Czech Republic Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	106
Table 41 - Russia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	108
Table 42 - Russia Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	110
Table 43 - Rest of Europe Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	112
Table 44 - Rest of Europe Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	114



Table 45 - Turkey Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	116
Table 46 - Turkey Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	118
Table 47 - Israel Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	120
Table 48 - Israel Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	122
Table 49 - Saudi Arabia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	124
Table 50 - Saudi Arabia Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	126
Table 51 - UAE Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	128
Table 52 - UAE Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	130
Table 53 - Qatar Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	132
Table 54 - Qatar Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	134
Table 55 - Kuwait Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	136
Table 56 - Kuwait Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	138
Table 57 - Nigeria Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	140
Table 58 - Nigeria Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	142
Table 59 - South Africa Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	144



Table 60 - South Africa Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	146
Table 61 - Rest of MEA Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	148
Table 62 - Rest of MEA Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	150
Table 63 - India Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	152
Table 64 - India Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	154
Table 65 - China Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	156
Table 66 - China Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	158
Table 67 - South Korea Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	160
Table 68 - South Korea Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	162
Table 69 - Japan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	164
Table 70 - Japan Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	166
Table 71 - Australia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	168
Table 72 - Australia Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	170
Table 73 - Azerbaijan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	172
Table 74 - Azerbaijan Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	174

Table 75 - Kazakhstan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	176
Table 76 - Kazakhstan Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	178
Table 77 - Pakistan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	180
Table 78 - Pakistan Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	182
Table 79 - Taiwan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	184
Table 80 - Taiwan Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	186
Table 81 - Singapore Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	188
Table 82 - Singapore Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	190
Table 83 - Malaysia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	192
Table 84 - Malaysia Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	194
Table 85 - Indonesia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	196
Table 86 - Indonesia Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	198
Table 87 - Rest of Asia Pacific Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	200
Table 88 - Rest of Asia Pacific Command and Control Systems in Defense, Law Enforcement & Public Safety Market AGRs [%] by Revenue Source – 2018-2025 .....	202

## List of Figures

Figure 1 - Global Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Country – 2018-2025.....	32
Figure 2 - U.S. Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	34
Figure 3 - U.S. Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	35
Figure 4 - Canada Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	38
Figure 5 - Canada Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	39
Figure 6 - Mexico Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	42
Figure 7 - Mexico Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	43
Figure 8 - Colombia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	46
Figure 9 - Colombia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	47
Figure 10 - Brazil Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	50
Figure 11 - Brazil Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	51
Figure 12 - Argentina Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	54
Figure 13 - Argentina Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	55
Figure 14 - Rest of Latin America Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	58

Figure 15 - Rest of Latin America Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	59
Figure 16 - UK Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	61
Figure 17 - UK Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	62
Figure 18 - France Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	65
Figure 19 - France Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	66
Figure 20 - Netherlands Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	69
Figure 21 - Netherlands Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	70
Figure 22 - Belgium Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	73
Figure 23 - Belgium Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	74
Figure 24 - Sweden Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	77
Figure 25 - Sweden Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	78
Figure 26 - Denmark Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	81
Figure 27 - Denmark Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	82
Figure 28 - Germany Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	85
Figure 29 - Germany Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	86

Figure 30 - Austria Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	89
Figure 31 - Austria Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	90
Figure 32 - Italy Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	93
Figure 33 - Italy Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	94
Figure 34 - Spain Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	97
Figure 35 - Spain Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	98
Figure 36 - Poland Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	101
Figure 37 - Poland Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	102
Figure 38 - Czech Republic Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	105
Figure 39 - Czech Republic Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	106
Figure 40 - Russia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	109
Figure 41 - Russia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	110
Figure 42 - Rest of Europe Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	113
Figure 43 - Rest of Europe Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	114
Figure 44 - Turkey Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	117



Figure 45 - Turkey Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	118
Figure 46 - Israel Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	121
Figure 47 - Israel Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	122
Figure 48 - Saudi Arabia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	125
Figure 49 - Saudi Arabia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	126
Figure 50 - UAE Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	129
Figure 51 - UAE Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	130
Figure 52 - Qatar Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	133
Figure 53 - Qatar Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	134
Figure 54 - Kuwait Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	137
Figure 55 - Kuwait Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	138
Figure 56 - Nigeria Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	141
Figure 57 - Nigeria Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	142
Figure 58 - South Africa Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	145
Figure 59 - South Africa Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	146

Figure 60 - Rest of MEA Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	149
Figure 61 - Rest of MEA Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	150
Figure 62 - India Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	153
Figure 63 - India Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	154
Figure 64 - China Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	157
Figure 65 - China Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	158
Figure 66 - South Korea Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	161
Figure 67 - South Korea Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	162
Figure 68 - Japan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	165
Figure 69 - Japan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	166
Figure 70 - Australia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	169
Figure 71 - Australia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	170
Figure 72 - Azerbaijan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	173
Figure 73 - Azerbaijan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	174
Figure 74 - Kazakhstan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	177



Figure 75 - Kazakhstan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	178
Figure 76 - Pakistan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	181
Figure 77 - Pakistan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	182
Figure 78 - Taiwan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	185
Figure 79 - Taiwan Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	186
Figure 80 - Singapore Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	189
Figure 81 - Singapore Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	190
Figure 82 - Malaysia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	193
Figure 83 - Malaysia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	194
Figure 84 - Indonesia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	197
Figure 85 - Indonesia Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	198
Figure 86 - Rest of Asia Pacific Command and Control Systems in Defense, Law Enforcement & Public Safety Market Size [\$M] by Revenue Source – 2018-2025 .....	201
Figure 87 - Rest of Asia Pacific Command and Control Systems in Defense, Law Enforcement & Public Safety Market Share [%] by Revenue Source – 2018-2025 .....	202

# ***Command and Control Technologies Market in Defense, Law Enforcement & Public Safety***

## ***2019-2025***

### ***Volume 3***

## Table of Contents

### APPENDICES

<b>1. Appendix A - National Markets Background .....</b>	<b>29</b>
1.1. U.S. Command and Control Technologies Market Background.....	29
1.1.1. Facts & Figures .....	29
1.1.2. U.S. Public Safety & Homeland Security: Introduction .....	29
1.1.3. Crime in the U.S. ....	34
1.1.4. Terror in the U.S.....	34
1.1.5. U.S. Federal Homeland Security Related Organizations.....	35
1.1.5.1. Department of Homeland Security (DHS) .....	37
1.1.5.2. Department of Homeland Security: Agencies and Units .....	39
1.1.5.3. DHS – Transportation Security Administration (TSA) .....	41
1.1.5.4. DHS – U.S. Customs & Border Protection (CBP) .....	43
1.1.5.5. DHS – Federal Emergency Management Agency (FEMA) .....	43
1.1.5.6. DHS – U.S. Immigration & Customs Enforcement (ICE) .....	44
1.1.5.7. DHS – U.S. Coast Guard (USCG) .....	44
1.1.5.8. U.S. Secret Service (USSS) .....	45
1.1.5.9. DHS – Science & Technology Directorate (S&T).....	45
1.1.5.10. DHS – Domestic Nuclear Detection Office (DNDO).....	46
1.1.5.11. DHS – U.S. Citizenship & Immigration Services (USCIS) .....	47
1.1.5.12. DHS – National Protection and Programs Directorate (NPPD) .....	48
1.1.5.13. Department of Defense (DOD) .....	49
1.1.5.14. Department of Justice (DOJ) .....	49
1.1.5.15. Federal Bureau of Investigation (FBI) .....	51
1.1.5.16. Department of State (DOS).....	52
1.1.5.17. National Aeronautic & Space Administration (NASA) .....	53
1.1.5.18. Department of Transportation (DOT) .....	54
1.1.5.19. Department of Commerce (DOC) .....	54
1.1.6. U.S. Police Forces.....	55
1.1.7. U.S. Airports Security .....	56
1.1.7.1. Air Passengers Checkpoint CCTV Support Program.....	63
1.1.7.2. CCTV Assisted Secure Flight Program.....	63
1.1.8. U.S. Land Border Security .....	64
1.1.8.1. Introduction .....	64
1.1.8.2. U.S. Land Border Security Components .....	66
1.1.8.3. Southwest Border .....	66
1.1.8.4. Northern Border .....	67
1.1.8.5. Trusted Traveler, Expedited Clearance and Other Partnerships.....	68

1.1.9.	U.S. Critical Infrastructure Security .....	68
1.1.9.1.	Scope .....	68
1.1.9.2.	Major Findings .....	70
1.1.9.3.	Critical Infrastructure Security Tactics .....	72
1.1.9.4.	Critical Infrastructure Vulnerabilities .....	72
1.1.9.5.	Planning of Infrastructure Security .....	73
1.1.9.6.	Critical Infrastructure Strategy Outlook .....	74
1.1.9.7.	Information Sharing with the Private Sector .....	74
1.1.9.8.	Food and Agro-Terror Market Outlook .....	75
1.1.9.9.	CIP Terror Mitigation Outlook .....	77
1.1.10.	U.S. Maritime Security .....	79
1.1.10.1.	Scope .....	79
1.1.10.2.	Major Findings & Conclusions .....	80
1.1.10.3.	Maritime Security Infrastructure .....	82
1.1.10.4.	Port Critical Infrastructure Operations .....	83
1.1.10.5.	The Container Security Initiative (CSI) .....	85
1.1.11.	U.S. Land Transportation Security .....	85
1.1.11.1.	Scope .....	85
1.1.11.2.	Land Transportation Security: Background .....	86
1.1.11.3.	Mass Transit Security .....	87
1.1.12.	U.S. Energy Sector Security .....	88
1.1.12.1.	Scope .....	88
1.1.12.2.	U.S. Energy Sector Security: Background .....	88
1.1.13.	U.S. Public Events Security .....	90
1.1.13.1.	Scope .....	90
1.1.13.2.	U.S. Natural & Manmade Disaster Mitigation .....	90
1.2.	Canada Command and Control Technologies Market	
	Background .....	93
1.2.1.	Facts & Figures .....	93
1.2.2.	Canada Geopolitical Overview .....	93
1.2.3.	Crime in Canada .....	94
1.2.4.	Terror in Canada .....	94
1.2.5.	Canada Counter Terror & Law Enforcement Legislation .....	95
1.2.6.	Canada's Homeland Security & Public Safety Agencies .....	96
1.2.7.	Canada's Police Forces .....	96
1.2.8.	Canada's Security Intelligence Services .....	96
1.2.9.	Canada's Defense Forces .....	97
1.2.10.	Canada Airport Security .....	98
1.2.11.	Canada Border Security .....	99
1.3.	Mexico Command and Control Technologies Market	
	Background .....	100
1.3.1.	Facts & Figures .....	100
1.3.2.	Mexico Geopolitical Overview .....	100
1.3.3.	Mexico Homeland Security & Public Safety Industry .....	100
1.3.4.	Crime in Mexico .....	104
1.3.5.	Terror in Mexico .....	105

1.3.6.	Mexico Counter Terror Legislation & Law Enforcement .....	106
1.3.7.	Mexico's Homeland Security & Public Safety Agencies .....	107
1.3.8.	Mexico's Police Forces.....	107
1.3.9.	Mexico's Intelligence Services.....	108
1.3.9.1.	Center for Research and National Security .....	109
1.3.9.2.	Secretariat of National Defense .....	109
1.3.10.	Mexico's Defense Forces .....	109
1.3.11.	Mexico: Safe City Projects.....	111
1.3.11.1.	Mexico Urban Crime and Insurgency.....	111
1.3.11.2.	Security Policy .....	111
1.3.11.3.	Mexico-City: Safe City .....	112
1.3.11.4.	Mexico-City Safe City Future Expansion .....	113
1.3.12.	Mexico Airport Security.....	114
1.4.	Colombia Command and Control Technologies Market	
	Background.....	116
1.4.1.	Facts & Figures .....	116
1.4.2.	Colombia Geopolitical Overview.....	116
1.4.3.	Colombia Homeland Security & Public Safety Industry .....	117
1.4.4.	Crime in Colombia .....	118
1.4.5.	Terror in Colombia.....	118
1.4.6.	Colombia Counter Terror Legislation & Law Enforcement .....	119
1.4.7.	Colombia's Homeland Security & Public Safety Agencies.....	120
1.4.7.1.	UNP .....	120
1.4.8.	Colombia's Police Forces .....	120
1.4.9.	Colombia's Intelligence Services .....	120
1.4.10.	Colombia's Defense Forces .....	121
1.4.11.	Colombia Airport Security.....	122
1.5.	Brazil Command and Control Technologies Market	
	Background.....	123
1.5.1.	Facts & Figures .....	123
1.5.2.	Brazil Geopolitical Overview.....	123
1.5.3.	Brazil Homeland Security & Public Safety Industry .....	125
1.5.4.	Crime in Brazil .....	126
1.5.5.	Terror in Brazil .....	127
1.5.6.	Brazil Counter Terror Legislation & Law Enforcement.....	128
1.5.7.	Brazil's Homeland Security & Public Safety Agencies.....	128
1.5.8.	Brazil's Police Forces .....	129
1.5.9.	Brazil's Intelligence Services .....	129
1.5.9.1.	ABIN .....	129
1.5.10.	Brazil's Defense Forces.....	130
1.5.11.	Brazil: Safe City Projects .....	130
1.5.12.	Brazil Airport Security .....	132
1.5.13.	Brazil Border Security.....	133

1.6.	Argentina Command and Control Technologies Market	
	Background.....	135
1.6.1.	Facts & Figures .....	135
1.6.2.	Argentina Geopolitical Overview .....	135
1.6.3.	Argentina Homeland Security & Public Safety Industry .....	135
1.6.4.	Crime in Argentina.....	136
1.6.5.	Terror in Argentina .....	137
1.6.6.	Argentina Counter Terror Legislation & Law Enforcement.....	137
1.6.7.	Argentina's Homeland Security & Public Safety Agencies.....	138
1.6.8.	Argentina's Police Forces.....	139
1.6.9.	Argentina's Intelligence Services.....	139
1.6.9.1.	AFI.....	139
1.6.10.	Argentina's Defense Forces .....	139
1.6.11.	Argentina Airport Security.....	140
1.6.12.	Argentina Border Security .....	141
1.7.	UK Command and Control Technologies Market	
	Background.....	143
1.7.1.	Facts & Figures .....	143
1.7.2.	UK Geopolitical Overview.....	143
1.7.3.	The Brexit Effects .....	144
1.7.4.	UK Homeland Security & Public Safety: Market Background .....	145
1.7.5.	UK National Security Risk Assessment 2018 .....	149
1.7.6.	Crime in the UK .....	150
1.7.7.	Terror in the UK.....	150
1.7.7.1.	The New Realities of Terror.....	151
1.7.7.2.	The United Kingdom Counter Terror Strategy .....	155
1.7.7.3.	Countering International Terrorism .....	156
1.7.7.4.	UK Homeland Security and Public Safety Strategy .....	156
1.7.8.	UK Counter Terror & Law Enforcement Legislation.....	157
1.7.8.1.	Countering Terrorism Financing .....	158
1.7.8.2.	UK Intelligence Agencies Funding .....	160
1.7.8.3.	2018 Counter Terror Policy Transformation.....	160
1.7.8.4.	UK Public Safety Challenges .....	161
1.7.9.	UK's Homeland Security & Public Safety Agencies.....	162
1.7.10.	UK Police Forces.....	162
1.7.10.1.	UK Police Forces Statistics.....	164
1.7.11.	UK Intelligence Services.....	165
1.7.11.1.	Security Service – MI5.....	165
1.7.11.2.	National Domestic Extremism & Disorder Intelligence Unit (NDEDIU) .....	166
1.7.11.3.	National Crime Agency (NCA) .....	166
1.7.11.4.	National Ballistics Intelligence Service (NABIS).....	167
1.7.11.5.	National Fraud Intelligence Bureau (NFIB) .....	167



1.7.11.6.	MI6, Secret Intelligence Service .....	167
1.7.11.7.	Defense Intelligence (DI) .....	167
1.7.11.8.	Government Communications Headquarters (GCHQ).....	168
1.7.11.9.	The Joint Intelligence Organization.....	168
1.7.11.10.	The Parliament Intelligence and Security Committee .....	169
1.7.11.11.	National Security Secretariat (NSS).....	169
1.7.11.12.	Office for Security and Counter-Terrorism (OSCT) .....	170
1.7.11.13.	UK Intelligence Agencies Budgets.....	170
1.7.12.	UK Defense Forces .....	170
1.7.13.	UK Safe City Projects.....	170
1.7.13.1.	Urban Security .....	170
1.7.13.2.	UK Security Policy .....	171
1.7.13.3.	Urban Crime Data.....	171
1.7.13.4.	UK Safe City Projects: Introduction.....	172
1.7.13.5.	Case 1: London - A Safe City .....	173
1.7.13.6.	Case 2: Glasgow – A Safe City.....	173
1.7.14.	UK Airport Security.....	174
1.7.15.	UK Border Security.....	175
1.7.15.1.	Overview.....	175
1.7.15.2.	Migration to the UK.....	176
1.7.15.3.	UK Home Office Border Force .....	178
1.7.15.4.	UK Immigration Data .....	178
1.7.15.5.	Migration from Eastern Europe.....	179
1.7.15.6.	UK 2018 Immigration Data.....	180
1.7.15.7.	UK Immigration Legislation.....	181
1.7.15.8.	Points-Based Migration.....	181
1.7.15.9.	Automated Border Control (ABC) Gates.....	182
1.7.15.10.	Immigration Enforcement.....	184
1.7.15.11.	UK-France Eurotunnel .....	184
1.8.	Germany Command and Control Technologies Market	
	Background.....	186
1.8.1.	Facts & Figures .....	186
1.8.2.	Germany Geopolitical Overview .....	186
1.8.3.	Germany: Economy, Immigration & Terror .....	187
1.8.4.	Germany Homeland Security & Public Safety Industry:	
	Background .....	194
1.8.5.	Crime in Germany .....	195
1.8.6.	Terror in Germany .....	195
1.8.7.	Germany Counter Terror Legislation & Law	
	Enforcement.....	196
1.8.8.	Germany Terror Challenge & Counter Terror Strategy.....	198
1.8.8.1.	The New Realities of Terror.....	198
1.8.8.2.	Germany Approach to Homeland Security and Public	
	Safety .....	205
1.8.8.3.	2015-2018 Germany Migration Surge.....	206
1.8.8.4.	German Asylum and Refugee Status .....	207

1.8.9.	Germany's Homeland Security & Public Safety Agencies.....	209
1.8.10.	Germany's Police Forces .....	209
1.8.10.1.	BPOL - Federal Police .....	209
1.8.10.2.	GSG 9 - Special Operations & Counterterrorism Unit.....	210
1.8.10.3.	BFE/BFHu Units - Special Anti-Terrorist Unit of Federal Anti-Riot Police .....	210
1.8.10.4.	ASSIK - Special Task Force Protection in Crisis Areas ....	211
1.8.10.5.	ZKA - Customs Investigation Bureau.....	211
1.8.10.6.	ZUZ - Customs SWAT Unit.....	211
1.8.10.7.	Military Police.....	211
1.8.10.8.	State Police Forces.....	212
1.8.10.9.	SEK - State Special Operations Command Part of Uniformed Police .....	212
1.8.10.10.	MEK - Mobile Task Force units, Part of Criminal Police.....	213
1.8.11.	Germany's Intelligence Services .....	213
1.8.11.1.	Federal Intelligence Service (BND).....	213
1.8.11.2.	Federal Office for the Protection of the Constitution (BfV).....	213
1.8.11.3.	Military Counterintelligence Service (MAD) .....	214
1.8.11.4.	The State Office for the Protection of the Constitution.....	215
1.8.12.	Germany's Defense Forces.....	215
1.8.13.	Germany Safe City .....	215
1.8.13.1.	Urban Crime in Germany .....	215
1.8.13.2.	Germany: Safe City Projects.....	216
1.8.13.3.	Safe City Project in Stuttgart.....	217
1.8.13.4.	German Safe City Market Eco-System .....	217
1.8.14.	Germany Airport Security .....	220
1.8.15.	Germany Border Security .....	221
1.8.15.1.	Market-Background .....	221
1.8.15.2.	Germany Visa Policy .....	223
1.8.15.3.	German E-Passport.....	223
1.8.15.4.	Immigration Legislation.....	224
1.8.15.5.	Immigration Enforcement.....	224
1.8.15.6.	Border Security .....	225
1.8.15.7.	German Coast Guard .....	226
1.8.15.8.	Automated Border Control (ABC) Gates.....	226
1.9.	France Command and Control Technologies Market Background.....	229
1.9.1.	Facts & Figures .....	229
1.9.2.	France Geopolitical Overview.....	229
1.9.3.	France Homeland Security & Public Safety Industry .....	229
1.9.4.	Crime in France.....	230
1.9.5.	Terror in France.....	231
1.9.6.	France Terror Threats & Counter Terror Strategy .....	241

1.9.6.1.	The New Realities of Terror .....	241
1.9.6.2.	Recent Terror Attacks and the Islamist Threat.....	244
1.9.6.3.	2015-2018 Counter Terror Policy Transformation.....	244
1.9.6.4.	Threat Levels .....	245
1.9.7.	French Anti-Terror Legislation .....	245
1.9.8.	France's Homeland Security & Public Safety Agencies.....	250
1.9.9.	France's Police Forces .....	251
1.9.9.1.	The National Police.....	251
1.9.9.2.	Research, Assistance, Intervention, Deterrence (RAID).....	252
1.9.9.3.	National Police Intervention Groups (GIPN) .....	252
1.9.9.4.	Paris Police Prefecture .....	252
1.9.9.5.	The Municipal Police.....	253
1.9.9.6.	The National Gendarmerie .....	253
1.9.9.7.	National Gendarmerie Intervention Group .....	253
1.9.9.8.	Police Forces Statistics.....	254
1.9.10.	France's Intelligence Services .....	255
1.9.10.1.	Domestic Counter-terrorism & Counter-espionage Intelligence (DGSi) .....	255
1.9.10.2.	Central Directorate of the Judicial Police (DCPJ) .....	255
1.9.10.3.	General Directorate for External Security (DGSE).....	256
1.9.10.4.	Directorate of Protection and Defense Security (DPSD) .....	256
1.9.10.5.	Directorate of Military Intelligence (DRM) .....	257
1.9.10.6.	Anti-Terrorist Bureau (BLAT) .....	257
1.9.10.7.	Inter-Departmental Coordination on Terrorism Matters ....	257
1.9.11.	France's Defense Forces .....	258
1.9.12.	France: Safe City Projects.....	259
1.9.13.	France Airport Security.....	260
1.9.14.	France Border Security.....	262
1.9.14.1.	Migration to France.....	264
1.9.14.2.	The Calais "Migrant Crisis" .....	265
1.9.14.3.	France Immigration Data .....	266
1.9.14.4.	France Visa Policy .....	267
1.9.14.5.	Short Stay Visas .....	267
1.9.14.6.	Long Stays in France.....	268
1.9.14.7.	Asylum in France .....	268
1.9.14.8.	France E-Passport.....	268
1.9.14.9.	France Immigration Legislation.....	269
1.9.14.10.	Automated Border Control (ABC) Gates .....	269
1.9.14.11.	Automated Passport Control Gates in France .....	271
1.10.	Spain Command and Control Technologies Market Background.....	272
1.10.1.	Facts & Figures .....	272
1.10.2.	Spain Geopolitical Overview.....	272
1.10.3.	Spain Homeland Security & Public Safety Industry .....	273

1.10.4.	Crime in Spain.....	275
1.10.5.	Terror in Spain.....	275
1.10.6.	Spain Counter Terror Legislation & Law Enforcement .....	276
1.10.7.	Spain's Homeland Security & Public Safety Agencies .....	277
1.10.8.	Spain's Police Forces .....	277
1.10.8.1.	The Spanish National Police.....	277
1.10.8.2.	The Spanish Civil Guard .....	278
1.10.9.	Spain's Intelligence Services.....	279
1.10.9.1.	The National Intelligence Center (CNI) .....	279
1.10.9.2.	The Armed Forces Intelligence Center (CIFAS) .....	280
1.10.9.3.	Intelligence Center Against Terrorism and Organized Crime (CITCO).....	280
1.10.9.4.	Commissariat General of Information (CGI) .....	281
1.10.10.	Spain's Defense Forces .....	282
1.10.11.	Spain: Safe City Projects.....	282
1.10.12.	Spain Airport Security.....	286
1.11.	Italy Command and Control Technologies Market	
	Background.....	287
1.11.1.	Facts & Figures .....	287
1.11.2.	Italy Geopolitical Overview .....	287
1.11.3.	Italy Homeland Security & Public Safety Industry.....	288
1.11.4.	Crime in Italy .....	290
1.11.5.	Terror in Italy .....	291
1.11.6.	Italy Counter Terror Legislation & Law Enforcement .....	292
1.11.7.	Italy's Homeland Security & Public Safety Agencies .....	293
1.11.8.	Italy's Police Forces.....	294
1.11.9.	Italy's Intelligence Services .....	296
1.11.9.1.	Internal Information and Security Agency (AISI).....	296
1.11.9.2.	External Intelligence and Security Agency (AISE) .....	296
1.11.9.3.	Department of Information for Security (DIS).....	297
1.11.9.4.	Interministerial Committee for the Security of the Republic (CISR).....	297
1.11.10.	Italy's Defense Forces .....	298
1.11.11.	Italy: Safe City Projects .....	298
1.11.12.	Italy Airport Security .....	300
1.11.13.	Italy Border Security .....	301
1.12.	Poland Command and Control Technologies Market	
	Background.....	304
1.12.1.	Facts & Figures .....	304
1.12.2.	Poland Geopolitical Overview.....	304
1.12.3.	Poland Homeland Security & Public Safety Industry .....	304
1.12.4.	Crime in Poland.....	305
1.12.5.	Terror in Poland.....	305
1.12.6.	Poland Counter Terror Legislation & Law Enforcement.....	306
1.12.7.	Poland's Homeland & Public Safety Agencies .....	306
1.12.8.	Poland's Police Forces .....	306

1.12.9.	Poland's Intelligence Services .....	308
1.12.10.	Poland's Defense Forces .....	308
1.12.11.	Poland: Safe City Projects .....	309
1.12.12.	Poland Airport Security .....	309
1.12.13.	Poland Border Security .....	310
1.13.	Russia Command and Control Technologies Market	
	Background .....	311
1.13.1.	Facts & Figures .....	311
1.13.2.	Russia Geopolitical Overview .....	311
1.13.3.	Russia Homeland Security & Public Safety Industry .....	312
1.13.4.	Crime in Russia .....	313
1.13.5.	Terror in Russia .....	314
1.13.6.	Russia Counter Terror Legislation & Law Enforcement .....	314
1.13.7.	Russia's Homeland Security & Public Safety Agencies .....	316
1.13.8.	Russia's Police Forces .....	317
1.13.9.	Russia's Intelligence Services .....	317
1.13.10.	Russia's Defense Forces .....	318
1.13.11.	Russia Airport Security .....	319
1.13.12.	Russia Border Security .....	321
1.14.	Sweden Command and Control Technologies Market	
	Background .....	322
1.14.1.	Facts & Figures .....	322
1.14.2.	Sweden Geopolitical Overview .....	322
1.14.3.	Sweden Homeland Security & Public Safety Industry .....	322
1.14.4.	Crime in Sweden .....	323
1.14.5.	Terror in Sweden .....	323
1.14.6.	Sweden Counter Terror Legislation & Law Enforcement .....	324
1.14.7.	Sweden's Homeland Security & Public Safety Agencies .....	324
1.14.8.	Sweden's Police Forces .....	325
1.14.9.	Sweden's Defense Forces .....	325
1.14.10.	Sweden's Intelligence Services .....	326
1.14.11.	Sweden: Safe City Projects .....	326
1.14.12.	Sweden Airport Security .....	327
1.15.	Denmark Command and Control Technologies Market	
	Background .....	328
1.15.1.	Facts & Figures .....	328
1.15.2.	Denmark Geopolitical Overview .....	328
1.15.3.	Denmark Homeland Security & Public Safety Industry .....	328
1.15.4.	Crime in Denmark .....	329
1.15.5.	Terror in Denmark .....	330
1.15.6.	Denmark Counter Terror Legislation & Law Enforcement .....	330
1.15.7.	Denmark's Police Forces .....	331
1.15.8.	Denmark's Intelligence Services .....	332
1.15.9.	Denmark's Defense Forces .....	332
1.15.10.	Denmark Airport Security .....	333

1.16. Netherlands Command and Control Technologies Market	
Background.....	334
1.16.1. Facts & Figures .....	334
1.16.2. Netherlands Geopolitical Overview .....	334
1.16.3. Netherlands Homeland Security & Public Safety	
Industry.....	334
1.16.4. Crime in the Netherlands.....	335
1.16.5. Terror in the Netherlands.....	335
1.16.6. Netherlands Counter Terror Legislation & Law	
Enforcement.....	336
1.16.7. Netherlands Homeland Security & Public Safety	
Agencies.....	337
1.16.8. Netherlands Police Forces .....	337
1.16.9. Netherlands Intelligence Services .....	338
1.16.10. Netherlands Defense Forces.....	338
1.16.11. Netherlands: Safe City Projects.....	338
1.16.12. Netherlands Airport Security.....	339
1.16.13. Netherlands Border Security .....	339
1.17. Belgium Command and Control Technologies Market	
Background.....	339
1.17.1. Facts & Figures .....	339
1.17.2. Belgium Geopolitical Overview .....	340
1.17.3. Belgium Homeland Security & Public Safety Industry .....	340
1.17.4. Crime in Belgium .....	342
1.17.5. Terror in Belgium .....	342
1.17.5.1. Overview.....	342
1.17.5.2. Terror Attacks Statistics.....	349
1.17.6. Belgium Counter Terror Legislation & Law Enforcement.....	353
1.17.7. Belgium's Homeland Security & Public Safety Agencies.....	357
1.17.8. Belgium's Police Forces .....	357
1.17.8.1. Belgian Federal Police .....	358
1.17.8.2. Belgium's Local Police Forces .....	358
1.17.9. Belgium's Intelligence Services .....	359
1.17.9.1. Overview.....	359
1.17.9.2. State Security Service .....	360
1.17.9.3. General Information and Security Service .....	360
1.17.10. Belgium's Defense Forces.....	360
1.17.11. Belgium: Safe City Projects .....	360
1.17.11.1. The Private Sector Public Events Security .....	362
1.17.11.2. Communication Interoperability .....	362
1.17.12. Belgium Airport Security .....	363
1.17.13. Belgium Border Security.....	363
1.17.13.1. Market-Background .....	363
1.17.13.2. Migration to Belgium .....	364
1.17.13.3. Belgium Immigration Data .....	365
1.17.13.4. Belgium Visa Policy .....	366



1.17.13.5. Belgian E-Passport .....	366
1.17.13.6. Belgium Immigration Legislation .....	366
1.17.13.7. Automated Border Control (ABC) Gates .....	366
1.17.13.8. Belgium's Automated Passport Control Gates .....	368
1.17.14. Immigration Enforcement .....	368
1.18. Austria Command and Control Technologies Market	
Background.....	371
1.18.1. Facts & Figures .....	371
1.18.2. Austria Homeland Security & Public Safety Industry .....	371
1.18.3. Crime in Austria .....	371
1.18.4. Terror in Austria.....	372
1.18.5. Austria Counter Terror Legislation & Law Enforcement.....	372
1.18.6. Austria's Homeland Security & Public Safety Agencies.....	373
1.18.7. Austria's Police Forces .....	373
1.18.8. Austria's Intelligence Services .....	373
1.18.9. Austria's Defense Forces .....	373
1.18.10. Austria Airport Security .....	374
1.19. Czech Republic Command and Control Technologies	
Market Background.....	375
1.19.1. Facts & Figures .....	375
1.19.2. Czech Republic Geopolitical Overview.....	375
1.19.3. Czech Republic Homeland Security & Public Safety	
Industry.....	375
1.19.4. Crime in the Czech Republic .....	376
1.19.5. Terror in the Czech Republic.....	376
1.19.6. Czech Republic Counter Terror Legislation & Law	
Enforcement .....	376
1.19.7. Czech Republic's Police Forces .....	376
1.19.8. Czech Republic's Intelligence Services .....	377
1.19.9. Czech Republic's Defense Forces .....	377
1.19.10. Czech Republic Airport Security .....	377
1.20. Turkey Command and Control Technologies Market	
Background.....	378
1.20.1. Facts & Figures .....	378
1.20.2. Turkey Economy .....	378
1.20.3. Turkey Geopolitical Overview.....	379
1.20.4. Turkey Homeland Security & Public Safety Market .....	380
1.20.5. Crime in Turkey .....	382
1.20.6. Terror in Turkey .....	382
1.20.7. Turkey Counter Terror Legislation & Law Enforcement.....	384
1.20.8. Turkey's Homeland Security & Public Safety Agencies.....	386
1.20.9. Turkey's Police Forces .....	386
1.20.10. Turkey's Intelligence Services .....	387
1.20.10.1. The National Intelligence Organization (MIT).....	387
1.20.11. Turkey's Defense Forces.....	388
1.20.12. Turkey Airport Security .....	388

1.20.13.	Turkey Border Security.....	390
1.21.	Israel Command and Control Technologies Market	
	Background.....	392
1.21.1.	Facts & Figures .....	392
1.21.2.	Israel Geopolitical Overview .....	392
1.21.3.	Israel Homeland Security & Public Safety Market .....	394
1.21.4.	Crime in Israel .....	396
1.21.5.	Terror in Israel .....	396
1.21.6.	Israel Counter Terror Legislation & Law Enforcement .....	399
1.21.7.	Israel's Homeland Security & Public Safety Agencies .....	399
1.21.8.	Israel's Police Forces .....	400
1.21.9.	Israel's Intelligence Services .....	401
1.21.9.1.	Military Intelligence Directorate (Aman) .....	401
1.21.9.2.	Mossad .....	401
1.21.9.3.	The Israeli Security Agency (ISA/Shin Bet/Shabak) .....	402
1.21.10.	Israel's Defense Forces.....	402
1.21.11.	Israel's Safe City Projects.....	403
1.21.11.1.	The Israeli Safe City and Safe Municipalities National Smart Alert System.....	406
1.21.12.	Israel Airport Security .....	409
1.21.13.	Israel Border Security .....	409
1.22.	Saudi Arabia Command and Control Technologies Market	
	Background.....	410
1.22.1.	Facts & Figures .....	410
1.22.2.	Saudi Arabia Geopolitical Overview .....	410
1.22.3.	Saudi Arabia Homeland Security & Public Safety Market .....	414
1.22.4.	Crime in Saudi Arabia.....	414
1.22.5.	Terror in Saudi Arabia .....	414
1.22.6.	Saudi Arabia Counter Terror Legislation & Law Enforcement .....	415
1.22.7.	Saudi Arabia's Homeland Security & Public Safety Agencies.....	416
1.22.7.1.	Ministry of Interior .....	420
1.22.7.2.	Saudi National Guard .....	420
1.22.7.3.	Paramilitary Security Forces .....	421
1.22.8.	Saudi Arabia's Police Forces.....	422
1.22.9.	Saudi Arabia's Intelligence Services .....	422
1.22.9.1.	General Intelligence Presidency (GIP).....	422
1.22.9.2.	General Investigation Directorate (GID or <i>Mabahith</i> ).....	423
1.22.9.3.	Saudi Arabia's Defense Forces .....	423
1.22.9.4.	Armed Services .....	423
1.22.9.5.	Independent Forces.....	424
1.22.10.	Saudi Arabia's Safe City Projects.....	424
1.22.10.1.	Saudi Arabia - 34 Ongoing and Future Safe Cities Projects.....	428

1.22.10.2. The Hajj Safe City Strategy.....	428
1.22.11. Saudi Arabia Airport Security .....	429
1.22.12. Saudi Arabia Border Security .....	429
1.23. Iraq Command and Control Technologies Market	
Background.....	430
1.23.1. Facts & Figures .....	430
1.23.2. Iraq Geopolitical Overview.....	430
1.23.3. Iraq Economy .....	432
1.23.4. Crime in Iraq.....	433
1.23.5. Terror in Iraq.....	434
1.23.6. Iraq Counter Terror Legislation & Law Enforcement .....	435
1.23.6.1. Counter Terror Market .....	435
1.23.7. Iraq's Homeland Security & Public Safety Agencies .....	436
1.23.8. Iraq's Police Forces .....	437
1.23.9. Iraq's Intelligence Services.....	438
1.23.9.1. Iraqi National Intelligence Service (INIS) .....	438
1.23.10. Iraq's Defense Forces .....	438
1.23.10.1. Iraqi Army .....	439
1.23.10.2. Iraqi Air Force .....	439
1.23.10.3. Iraqi Navy.....	439
1.23.10.4. Iraqi Special Operations Forces.....	439
1.23.10.5. Iraqi Defense Forces Market 2017-2020 .....	440
1.23.10.6. Intelligence Surveillance and Reconnaissance (ISR) .....	440
1.23.10.7. Army Modernization.....	441
1.23.10.8. Army Aviation Upgrades .....	441
1.23.10.9. Air Force Modernization.....	442
1.23.10.10. Naval Capabilities Upgrade.....	442
1.23.10.11. Air Defense Command.....	443
1.23.11. Iraq Airport Security.....	443
1.23.12. Iraq Border Security.....	444
1.24. UAE Command and Control Technologies Market	
Background.....	446
1.24.1. Facts & Figures .....	446
1.24.2. UAE Geopolitical Overview .....	446
1.24.3. UAE Homeland Security & Public Safety Market.....	447
1.24.4. Crime in the UAE.....	452
1.24.5. Terror in the UAE .....	452
1.24.6. UAE Counter Terror Legislation & Law Enforcement .....	453
1.24.7. UAE's Homeland Security & Public Safety Agencies .....	455
1.24.8. UAE's Police Forces.....	455
1.24.9. UAE's Intelligence Services.....	458
1.24.10. UAE's Defense Forces .....	458
1.24.10.1. Military Contribution Abroad.....	458
1.24.11. UAE's Safe City Projects .....	459
1.24.12. UAE Airport Security.....	461
1.24.13. UAE Border Security .....	461

1.25. Qatar Command and Control Technologies Market	
Background.....	462
1.25.1. Facts & Figures .....	462
1.25.2. Qatar Geopolitical Overview .....	462
1.25.3. Qatar Homeland Security & Public Safety Market .....	463
1.25.4. Crime in Qatar .....	465
1.25.5. Terror in Qatar .....	467
1.25.6. Qatar Counter Terror Legislation & Law Enforcement.....	467
1.25.7. Qatar's Police Forces .....	468
1.25.8. Qatar's Intelligence Services .....	469
1.25.9. Qatar's Defense Forces.....	470
1.25.10. Qatar's Safe City Projects .....	471
1.25.11. Qatar Airport Security .....	471
1.25.12. Qatar Border Security.....	472
1.26. Kuwait Command and Control Technologies Market	
Background.....	473
1.26.1. Facts & Figures .....	473
1.26.2. Kuwait Geopolitical Overview .....	473
1.26.3. Kuwait Homeland Security & Public Safety Market .....	475
1.26.4. Crime in Kuwait .....	475
1.26.5. Terror in Kuwait .....	476
1.26.6. Kuwait Counter Terror Legislation & Law Enforcement .....	476
1.26.7. Kuwait's Homeland Security & Public Safety Agencies .....	477
1.26.8. Kuwait's Police Forces .....	477
1.26.9. Kuwait's Intelligence Services .....	478
1.26.10. Kuwait's Defense Forces .....	478
1.26.11. Kuwait's Safe City Projects.....	479
1.26.12. Kuwait Airport Security .....	480
1.26.13. Kuwait Border Security .....	481
1.27. Nigeria Command and Control Technologies Market	
Background.....	482
1.27.1. Facts & Figures .....	482
1.27.2. Nigeria Geopolitical Overview .....	482
1.27.3. Nigeria Homeland Security & Public Safety Market.....	483
1.27.4. Crime in Nigeria.....	484
1.27.5. Terror in Nigeria .....	485
1.27.6. Nigeria Counter Terror Legislation & Law Enforcement .....	486
1.27.7. Nigeria's Homeland Security & Public Safety Agencies .....	488
1.27.8. Nigeria's Police Forces.....	488
1.27.8.1. Nigeria Police Force (NPF) .....	488
1.27.8.2. Other Departments .....	490
1.27.8.3. Other Sections .....	491
1.27.9. Nigeria's Defense Forces .....	491
1.27.10. Nigeria Airport Security.....	492
1.27.11. Nigeria Border Security .....	492

1.28. South Africa Command and Control Technologies Market	
Background.....	494
1.28.1. Facts & Figures .....	494
1.28.2. South Africa Geopolitical Overview .....	494
1.28.3. Crime in South Africa.....	496
1.28.4. Terror in South Africa .....	497
1.28.5. South Africa Counter Terror Legislation & Law Enforcement .....	498
1.28.6. South Africa's Homeland Security & Public Safety Agencies.....	499
1.28.7. South Africa's Police Forces.....	499
1.28.8. South Africa's Intelligence Services .....	500
1.28.9. South Africa's Defense Forces .....	501
1.28.10. South Africa Airport Security .....	502
1.28.11. South Africa Border Security .....	502
1.29. India Command and Control Technologies Market	
Background.....	503
1.29.1. Facts & Figures .....	503
1.29.2. India Geopolitical Overview .....	503
1.29.3. India Homeland Security & Public Safety Market .....	504
1.29.4. Crime in India .....	506
1.29.4.1. Crime in New Delhi .....	506
1.29.4.2. Crime in Mumbai.....	507
1.29.4.3. Crime in Hyderabad.....	507
1.29.5. Terror in India .....	508
1.29.6. India Counter Terror Legislation & Law Enforcement .....	508
1.29.7. India's Homeland Security & Public Safety Agencies .....	509
1.29.8. India's Police Forces .....	509
1.29.9. India's Defense Market.....	510
1.29.10. India's Intelligence Services .....	514
1.29.10.1. Intelligence Bureau (IB) .....	514
1.29.10.2. Research and Analysis Wing (RAW) .....	514
1.29.11. India's Defense Forces.....	515
1.29.12. India's Safe City Projects.....	516
1.29.13. India Airport Security .....	517
1.29.14. India Border Security .....	518
1.30. China Command and Control Technologies Market	
Background.....	521
1.30.1. Facts & Figures .....	521
1.30.2. China Geopolitical Overview .....	522
1.30.3. China Economy .....	523
1.30.4. China: Security Threat Assessment .....	526
1.30.5. China's Security Industry .....	527
1.30.6. China Homeland Security & Public Safety Market.....	530
1.30.7. Crime in China.....	530
1.30.8. Terror in China .....	532

1.30.9.	China Counter Terror Legislation & Law Enforcement .....	533
1.30.10.	China's Homeland Security & Public Safety Agencies .....	535
1.30.10.1.	National Security Commission of the Communist Party of China (CNSC) .....	535
1.30.10.2.	The 610 Office .....	536
1.30.10.3.	China's Ministry of Public Security .....	539
1.30.10.4.	China's Public Security Bureau .....	539
1.30.10.5.	China's Ministry of State Security .....	540
1.30.11.	China's Police Forces .....	541
1.30.12.	China's Intelligence Services .....	542
1.30.13.	China's Defense Forces .....	542
1.30.14.	Natural Disasters in China .....	547
1.30.15.	China's Safe City Projects .....	548
1.30.15.1.	China Public Security .....	548
1.30.15.2.	China Urbanization Plan .....	548
1.30.15.3.	China Safe Cities Market .....	549
1.30.15.4.	China's 200 Largest Safe City Projects .....	550
1.30.16.	China Airport Security .....	552
1.30.17.	China Border Security .....	558
1.31.	South Korea Command and Control Technologies Market	
	Background .....	559
1.31.1.	Facts & Figures .....	559
1.31.2.	South Korea Geopolitical Overview .....	559
1.31.3.	South Korea Homeland Security & Public Safety Market .....	562
1.31.4.	Crime in South Korea .....	563
1.31.5.	Terror in South Korea .....	563
1.31.6.	South Korea's Homeland Security & Public Safety Agencies .....	564
1.31.7.	South Korea's Police Forces .....	565
1.31.8.	South Korea's Intelligence Services .....	565
1.31.8.1.	National Intelligence Service (NIS) .....	565
1.31.9.	South Korea's Defense Forces .....	566
1.31.10.	South Korea's Safe City Projects .....	566
1.31.11.	South Korea Airport Security .....	568
1.31.12.	South Korea Border Security .....	568
1.32.	Japan Command and Control Technologies Market	
	Background .....	569
1.32.1.	Facts & Figures .....	569
1.32.2.	Japan Geopolitical Overview .....	569
1.32.3.	Japan Homeland Security & Public Safety Market .....	571
1.32.4.	Crime in Japan .....	572
1.32.5.	Terror in Japan .....	572
1.32.6.	Japan's Homeland Security & Public Safety Agencies .....	573
1.32.7.	Japan's Police Forces .....	573
1.32.8.	Japan's Intelligence Services .....	574
1.32.8.1.	Public Security Intelligence Agency (PSIA) .....	574



1.32.8.2.	Intelligence and Analysis Service .....	574
1.32.9.	Japan's Defense Forces .....	574
1.32.10.	Japan's Safe City Projects.....	575
1.32.11.	Natural Disasters in Japan .....	576
1.32.12.	Japan Airport Security .....	578
1.32.13.	Japan Border Security .....	580
1.33.	Australia Command and Control Technologies Market	
	Background.....	582
1.33.1.	Facts & Figures .....	582
1.33.2.	Australia Geopolitical Overview .....	582
1.33.3.	External Security .....	582
1.33.4.	Crime in Australia .....	583
1.33.5.	Terror in Australia .....	584
1.33.6.	Australia Counter Terror Legislation & Law Enforcement .....	585
1.33.7.	Australia's Homeland Security & Public Safety Agencies.....	586
1.33.8.	Australia's Police Forces .....	588
1.33.9.	Australia's Intelligence Services .....	588
1.33.9.1.	Australian Security Intelligence Organization (ASIO).....	588
1.33.9.2.	Australian Secret Intelligence Service (ASIS) .....	589
1.33.9.3.	Office of National Intelligence (ONI) .....	589
1.33.10.	Australia's Defense Forces.....	590
1.33.11.	Australia's Safe City Projects .....	591
1.33.11.1.	Overview.....	591
1.33.11.2.	Melbourne - A Safe City.....	591
1.33.12.	Natural Disasters .....	592
1.33.13.	Australia Airport Security .....	593
1.33.14.	Australia Border Security .....	594
1.34.	Azerbaijan Command and Control Technologies Market	
	Background.....	595
1.34.1.	Facts & Figures .....	595
1.34.2.	Azerbaijan Geopolitical Overview .....	595
1.34.3.	Azerbaijan Homeland Security & Public Safety Market .....	596
1.34.4.	Crime in Azerbaijan .....	597
1.34.5.	Terror in Azerbaijan .....	598
1.34.6.	Azerbaijan Counter Terror Legislation & Law Enforcement .....	598
1.34.7.	Azerbaijan's Homeland Security & Public Safety Agencies.....	599
1.34.8.	Azerbaijan's Police Forces .....	599
1.34.9.	Azerbaijan's Intelligence Services .....	600
1.34.10.	Azerbaijan's Defense Forces.....	600
1.34.10.1.	Internal Troops.....	601
1.34.11.	Azerbaijan Airport Security .....	601
1.34.12.	Azerbaijan Border Security .....	602

1.35. Kazakhstan Command and Control Technologies Market	
Background.....	603
1.35.1. Facts & Figures .....	603
1.35.2. Kazakhstan Geopolitical Overview .....	603
1.35.3. Crime in Kazakhstan .....	604
1.35.4. Terror in Kazakhstan .....	605
1.35.5. Kazakhstan Counter Terror Legislation & Law Enforcement .....	606
1.35.6. Kazakhstan's Police Forces .....	606
1.35.7. Kazakhstan's Intelligence Services .....	607
1.35.7.1. National Security Committee (NSC) .....	607
1.35.8. Kazakhstan's Defense Forces .....	607
1.35.9. Kazakhstan Airport Security .....	608
1.35.10. Kazakhstan Border Security .....	608
1.36. Pakistan Command and Control Technologies Market	
Background.....	609
1.36.1. Facts & Figures .....	609
1.36.2. Pakistan Geopolitical Overview .....	609
1.36.3. Crime in Pakistan .....	610
1.36.4. Terror in Pakistan .....	610
1.36.5. Pakistan Counter Terror Legislation & Law Enforcement ....	611
1.36.5.1. National Counter Terrorism Authority (NACTA) .....	612
1.36.6. Pakistan's Homeland Security & Public Safety Agencies ....	613
1.36.7. Pakistan's Police Forces .....	613
1.36.8. Pakistan's Intelligence Services .....	615
1.36.8.1. Intelligence Bureau (IB) .....	615
1.36.8.2. Inter-Service Intelligence (ISI).....	615
1.36.8.3. Federal Investigation Agency (FIA).....	615
1.36.9. Pakistan's Defense Forces.....	616
1.36.10. Natural Disasters in Pakistan .....	617
1.36.11. Pakistan Airport Security .....	618
1.36.12. Pakistan Border Security .....	618
1.37. Taiwan Command and Control Technologies Market	
Background.....	620
1.37.1. Facts & Figures .....	620
1.37.2. Taiwan Geopolitical Overview .....	620
1.37.3. Taiwan Homeland Security & Public Safety Market .....	620
1.37.4. Crime and Terror in Taiwan .....	621
1.37.5. Taiwan's Homeland Security & Public Safety Agencies .....	621
1.37.6. Taiwan's Police Forces.....	622
1.37.7. Taiwan's Intelligence Services .....	622
1.37.7.1. National Security Bureau (NSB) .....	622
1.37.8. Taiwan's Defense Forces .....	623
1.37.9. Taiwan Airport Security .....	624
1.37.10. Taiwan Border Security .....	624

1.38. Singapore Command and Control Technologies Market	
Background.....	626
1.38.1. Facts & Figures .....	626
1.38.2. Singapore Geopolitical Overview .....	626
1.38.3. Singapore Homeland Security & Public Safety Market .....	626
1.38.4. Crime in Singapore.....	627
1.38.5. Terror in Singapore .....	628
1.38.6. Singapore's Homeland Security & Public Safety Agencies.....	629
1.38.7. Singapore's Police Forces.....	630
1.38.8. Singapore's Intelligence Services.....	630
1.38.8.1. Internal Security Department (ISD).....	630
1.38.8.2. National Security Coordination Secretariat (NSCS).....	631
1.38.9. Singapore's Defense Forces .....	631
1.38.10. Singapore Airport Security.....	632
1.38.11. Singapore Border Security .....	632
1.39. Malaysia Command and Control Technologies Market	
Background.....	633
1.39.1. Facts & Figures .....	633
1.39.2. Malaysia Geopolitical Overview.....	633
1.39.3. Malaysia Homeland Security & Public Safety Market .....	634
1.39.4. Crime in Malaysia.....	634
1.39.5. Terror in Malaysia.....	636
1.39.6. Malaysia Counter Terror Legislation & Law Enforcement.....	636
1.39.7. Malaysia's Homeland Security & Public Safety Agencies.....	637
1.39.8. Malaysia's Police Forces .....	637
1.39.9. Malaysia's Intelligence Services .....	638
1.39.9.1. Special Branch (SB) .....	638
1.39.9.2. Research Division/Malaysian External Intelligence Organization (MEIO).....	638
1.39.9.3. Royal Intelligence Corps.....	638
1.39.10. Malaysia's Defense Forces .....	639
1.39.11. Malaysia Airport Security.....	641
1.39.12. Malaysia Border Security.....	642
1.40. Indonesia Command and Control Technologies Market	
Background.....	643
1.40.1. Facts & Figures .....	643
1.40.2. Indonesia Geopolitical Overview .....	643
1.40.3. Indonesia Homeland Security & Public Safety Market .....	644
1.40.4. Crime in Indonesia .....	645
1.40.5. Terror & Civil Unrest in Indonesia.....	646
1.40.6. Indonesia Counter Terror Legislation & Law Enforcement.....	647

1.40.7.	Indonesia's Homeland Security & Public Safety Agencies.....	649
1.40.8.	Indonesia's Police Forces.....	650
1.40.9.	Indonesia's Intelligence Services .....	650
1.40.9.1.	Council for Maintaining Security & Legal System (DPKN) .....	650
1.40.9.2.	Armed Forces Strategic Intelligence Agency (BAIS).....	650
1.40.9.3.	State Intelligence Agency (BIN) .....	651
1.40.10.	Indonesia's Defense Forces .....	651
1.40.10.1.	The Defense Market .....	651
1.40.11.	Indonesia's Safe City Projects .....	652
1.40.12.	Natural Disasters in Indonesia.....	653
1.40.13.	Indonesia Airport Security .....	654
1.40.14.	Indonesia Border Security .....	655
<b>2.</b>	<b>Appendix B : The Command and Control Technologies Industry .....</b>	<b>657</b>
2.1.	Mergers & Acquisitions (M&A) .....	657
2.2.	Business Models & Strategies .....	657
2.2.1.	Variable Economic Conditions.....	657
2.2.2.	Command and Control Technologies Market Entry Strategies .....	657
2.2.3.	Market Entry Challenges .....	658
2.2.4.	Supply-Side & Demand-Side Analysis.....	659
2.2.5.	Price Elasticity .....	663
2.2.6.	Command and Control Technologies Vendor – Government Relationship .....	664
<b>3.</b>	<b>Appendix C: Command and Control Technologies Related Product Standards .....</b>	<b>668</b>
<b>4.</b>	<b>Appendix D: Abbreviations.....</b>	<b>690</b>
<b>5.</b>	<b>Research Methodology .....</b>	<b>702</b>
5.1.	Report Structure.....	702
5.2.	Research Methodology .....	702
5.3.	For Whom is this Report? .....	703
<b>6.</b>	<b>Disclaimer and Copyright .....</b>	<b>704</b>

## List of Tables

Table 1 - Major Airports in the U.S.: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	56
Table 2 - U.S. Land Border Security Components.....	66
Table 3 - Major Airports in Canada: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	98
Table 4 - Major Airports in Mexico: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	114
Table 5 - Major Airports in Colombia: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	122
Table 6 - Major Airports in Brazil: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	132
Table 7 - Major Airports in Argentina: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	140
Table 8 - Major Airports in the UK: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	174
Table 9 - Migrant Stock in the UK by Country of Origin (2017) .....	180
Table 10 - Major Airports in Germany: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017-2025.....	220
Table 11 - List of Terrorist Incidents in France – 2015-2018.....	238
Table 12 - Major Airports in France: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	260
Table 13 - Migrant Population in France by Country of Origin .....	267
Table 14 - Spain Crime Statistics – 2015-2016.....	275
Table 15 - Major Airports in Spain: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	286
Table 16 - Major Airports in Italy: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	300
Table 17 - Major Airports in Poland: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	309
Table 18 - Major Airports in Russia: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	319
Table 19 - Major Airports in Sweden: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	327
Table 20 - Major Airports in Denmark: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	333
Table 21 - Major Airports in Netherlands: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	339
Table 22 - Major Airports in Belgium: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	363
Table 23 - Migrant Stock in Belgium by Country of Origin .....	365
Table 24 - Major Airports in Austria: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	374



Table 25 - Major Airports in Czech Republic: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	377
Table 26 - Major Airports in Turkey: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	388
Table 27 - Major Airports in Israel: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	409
Table 28 - Major Airports in Saudi Arabia: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025 ....	429
Table 29 - Major Airports in Iraq: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	443
Table 30 - Major Airports in UAE: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	461
Table 31 - Major Airport in Qatar: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	471
Table 32 - Major Airport in Kuwait: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	480
Table 33 - Nigeria Police Departments & Responsibilities .....	488
Table 34 - Major Airports in Nigeria: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	492
Table 35 - Major Airports in South Africa: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	502
Table 36 - Major Airports in India: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	517
Table 37 - China Natural Disaster Statistics – 1980-2010 .....	547
Table 38 - China's Cities by 2025 .....	549
Table 39 - China 200 Largest Safe City Projects .....	550
Table 40 - Major Airports in China: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	552
Table 41 - Major Airports in South Korea: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025 ....	568
Table 42 - Japan Natural Disaster Statistics – 1980-2010 .....	577
Table 43 - Major Airports in Japan: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	578
Table 44 - Australia's Natural Disaster Statistics – 1980-2010 .....	593
Table 45 - Major Airports in Australia: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	593
Table 46 - Azerbaijan Ministry of Internal Affairs Crime Statistics (1 <sup>st</sup> half of 2018) .....	598
Table 47 - Major Airports in Azerbaijan: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	601
Table 48 - 2013 Ministry of Internal Affairs Crime Statistics.....	605
Table 49 - Major Airports in Kazakhstan: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	608
Table 50 - Pakistan Natural Disaster Statistics – 1980-2012 .....	617



Table 51 - Major Airports in Pakistan: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	618
Table 52 - Major Airports in Taiwan: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	624
Table 53 - Major Airport in Singapore: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	632
Table 54 - Major Airports in Malaysia: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	641
Table 55 - Indonesia Natural Disaster Statistics – 1980-2010 .....	654
Table 56 - Major Airports in Indonesia: Passenger-Screening, Carry-on & Checked Baggage-Screening [M] by Airport – 2017 & 2025.....	654
Table 57 - European Homeland Security and Public Safety Standards .....	668

## List of Figures

Figure 1 - Department of Homeland Security –Organizational Structure .....	39
Figure 2 - Border Security, Layers of Security .....	65
Figure 3 - Hierarchy of Critical Infrastructures .....	78
Figure 4 - Critical Infrastructure Investment Priorities Scheme .....	78
Figure 5 - A National Critical Infrastructure Security Infrastructure: Example: The U.S.A. ....	79
Figure 6 - Maritime Security – Mixed Mode Approach .....	80
Figure 7 - Maritime Supply Chain vs. Security Legislation .....	81
Figure 8 - Partners Involved in Port Operations .....	84
Figure 9 - A Natural Disaster Activities Cycle .....	91
Figure 10 - 2000-2010 Number of Natural Disasters USA vs. Other Countries .....	92
Figure 11- Canada Homeland Security & Public Safety Agencies Organogram.....	96
Figure 12 - Mexico Homeland Security & Public Safety Agencies Organogram.....	107
Figure 13 - Mexico Defense Structure .....	110
Figure 14 - Colombia Defense Forces Structure.....	121
Figure 15 - Brazil Homeland Security & Public Safety Agencies Organogram.....	128
Figure 16 - Argentina Homeland Security & Public Safety Agencies Organogram.....	138
Figure 17 - Europe Major Terror Attacks-2001 to March 2017.....	153
Figure 18 - Percentage of UK Muslim Population Vs. Other EU Countries.....	154
Figure 19 - UK Homeland Security & Public Safety Agencies Organogram ....	162
Figure 20 - Change in the number of police officers (FTE) from 31 March 2008 to 2018, compared with the previous 12 months, England and Wales.....	165
Figure 21 - UK Borders Map .....	175
Figure 22 - Long-term International Migration into and out of the UK (all Citizenships) March 2018 .....	177
Figure 23 - Immigration Trends by Main Reason, December 2008 to March 2018.....	177
Figure 24 - Long-term International Migration into and out of the UK, 2008- 2017 .....	179
Figure 25 - An Automatic Border Control (ABC) Gate.....	182
Figure 26 - 2009-2017 Refugee Applications to Germany vs. Rest of Europe by Month .....	192
Figure 27 - 2016-17 Asylum Applications to Germany vs. Rest of EU by Country of Origin (% of Total) .....	192
Figure 28 - Main Routes of Migration to EU Borders (2017) .....	193
Figure 29 - Asylum-Seeker Decisions: Germany vs. Rest of Europe (1 <sup>st</sup> Quarter 2018) .....	194
Figure 30 - European Terror Attacks Timeline, 2001- 2017 .....	200

Figure 31- Percentage of Muslim Population in Germany vs. Other EU Countries, 2016 .....	204
Figure 32 - The Balkan Migration Route to Germany.....	207
Figure 33 - Germany Homeland Security & Public Safety Agencies Organogram.....	209
Figure 34 - Stuttgart Safe City Steering Committee .....	217
Figure 35 - Safe City ICT Flow.....	218
Figure 36 - Main Migrant Routes to Germany .....	221
Figure 37 - Asylum applications Germany vs. Other EU Countries 2014-2017.....	222
Figure 38 - Automated Passport Control at Frankfurt Airport .....	228
Figure 39 -The November 13, 2015 Paris Terror Attacks Timeline .....	234
Figure 40 -The November 13, 2015 Paris Terror Attacks Locations .....	234
Figure 41 - European Terror Attacks Timeline, 2001- 2017 .....	235
Figure 42 - Percentage of France Muslim Population vs. Other EU Countries .....	243
Figure 43 - France Counter Terror & Public Safety Agencies Organogram .....	250
Figure 44 - French Police Organization .....	251
Figure 45 - France's Borders .....	264
Figure 46 -The Channel Tunnel Fence Construction .....	265
Figure 47 - The French Side of the Channel Tunnel Migrants Camp Border-Perimeter Security Fence .....	266
Figure 48 - Spain Counter-Terror, Immigration Enforcement & Public Safety Market.....	274
Figure 49 - Spain Homeland Security & Public Safety Agencies Organogram.....	277
Figure 50 - Madrid PoC Location, Montera St and CISEM .....	283
Figure 51 - Madrid PoC Architecture.....	284
Figure 52 - Crime Syndicates in Italy – Total Annual Revenues .....	290
Figure 53 - Italy Homeland Security & Public Safety Agencies Organogram....	293
Figure 54 - Italy Intelligence Agencies Organizational Chart .....	296
Figure 55 - Italy's Deployment of Forces Abroad .....	298
Figure 56 - Italy Safe City Project Architecture .....	299
Figure 57 - Italy Safe City Project Main Module .....	300
Figure 58 - Netherlands Counter Terror & Public Safety Agencies Organogram.....	337
Figure 59 - Number of Jihadists in Belgium vs. Other European Countries .....	346
Figure 60 - Map of March Terror Attacks in Brussels.....	350
Figure 61 - Belgium Counter Terror & Public Safety Agencies Organogram ....	357
Figure 62 - Turkey Homeland Security & Public Safety Agencies Organogram.....	386
Figure 63 - Turkey's Border Threats 2018 .....	390
Figure 64 - Israel West Bank Separation Barrier .....	395
Figure 65 - Israel Homeland Security & Public Safety Agencies Organogram.....	400
Figure 66 - The Israeli Smart Alert System Process .....	407

Figure 67 - The Israeli Smart Alert System Architecture .....	408
Figure 68 - Three Tiers of Saudi Security Infrastructure .....	417
Figure 69 - Saudi Arabia Government Security Organogram .....	419
Figure 70 - Video Cameras Surveillance in Mecca .....	425
Figure 71 - Mecca Safe City Command & Control Hub.....	426
Figure 72 - Map of the Saudi Arabian Cities .....	427
Figure 73 - Iraqi Government Security Organogram .....	436
Figure 74 - Abu Kamal's proximity to Iraq's Border .....	444
Figure 75 - UAE Homeland Security & Public Safety Agencies Organogram ...	455
Figure 76 - Dubai Police Organization Chart .....	457
Figure 77 - UAE Cities and Towns.....	460
Figure 78 - South African Government Security Organogram .....	499
Figure 79 - India Homeland Security & Public Safety Agencies Organogram...	509
Figure 80 - Smart Solutions Indicated in the Smart Cities Mission Guidelines.....	516
Figure 81 - Arc of India's Border Security .....	519
Figure 82 - GDP at PPP, Military Spending & R&D at PPP vs. 1997-2017: PRC vs. the USA & Europe .....	521
Figure 83 - China's Homeland Security & Public Safety Agencies Organogram.....	535
Figure 84 - The 610 Office Infrastructure .....	537
Figure 85 - South Korea Homeland Security & Public Safety Agencies Organogram.....	564
Figure 86 - Japan Security & Public Safety Agencies Organogram .....	573
Figure 87 - Australia Homeland Security & Public Safety Agencies Organogram.....	587
Figure 88 - Azerbaijan's Homeland Security & Public Safety Agencies Organogram.....	599
Figure 89 - Singapore's Homeland Security & Public Safety Agencies Organogram.....	629
Figure 90 - Malaysia's Homeland Security & Public Safety Agencies Organogram.....	637
Figure 91 - Indonesia Homeland Security & Public Safety Agencies .....	649
Figure 92 - Command and Control Technologies Marketplace: Supply & Demand Relationship .....	660
Figure 93 - Command and Control Technologies Segments Products by Supply & Demand .....	662
Figure 94 - Government - Industry Command and Control Technologies Life Cycle .....	665
Figure 95 - Government as Command and Control Technologies Planner: Requirements Development Organization from Acquisition and Resource Organizations .....	666
Figure 96 - Government – Private Sector Techno-Tactical Technology Assessment Process .....	667