

Anti-Drone - Company Evaluation Report, 2025

Market Report | 2025-08-01 | 154 pages | MarketsandMarkets

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Report description:

The Anti-Drone Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Anti-Drone. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 100 companies, of which the Top 30 Anti-Drone Companies were categorized and recognized as quadrant leaders.

Anti-drone systems play a vital role in detecting, identifying, tracking, and neutralizing unauthorized drones that threaten security, privacy, and public safety. These systems utilize a range of technologies-including radar, electro-optical (EO)/infrared (IR) sensors, RF jammers, laser systems, and net launchers-to protect sensitive areas such as critical infrastructure, large-scale public gatherings, and private properties. They defend against various drone-related threats, including illicit surveillance, smuggling of contraband, and direct attacks. By integrating detection, classification, and response mechanisms, these systems use radar, RF detection, EO/IR imaging, and acoustic sensors to locate incoming drones. Once a threat is identified, appropriate countermeasures are activated to disable or neutralize the drone.

Anti-drone systems-also known as counter-drone systems or counter-unmanned aerial systems (C-UAS)-are advanced solutions designed to detect, classify, monitor, and neutralize unauthorized or potentially dangerous drones. As the use of commercial and recreational drones grows rapidly, these systems have become increasingly important for protecting high-security zones such as airports, military installations, government buildings, critical infrastructure, and public event venues.

The 360 Quadrant maps the Anti-Drone companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the Anti-Drone quadrant. The top criteria for product footprint evaluation included By RANGE (Short-Range (<2 Km), Medium-Range (2-5 Km), Long-Range (>5 Km)), By SYSTEM TYPE (Electronic Systems, Laser Systems, Kinetic Systems, Hybrid Systems), By APPLICATION (Detection, Detection & Disruption), By PLATFORM TYPE (Ground-Based, Handheld, UAV-Based, Portable Radar, Fixed Radar, Vehicle-Mounted Radar, Ku-Band, X-Band, C-Band, S-Band, L-Band, Other Frequency Bands, Mechanically Scanned Array, Phased Array, Passive Electronically Scanned Array (PESA), Active Electronically Scanned Array (AESA), Conventional Radar), and By VERTICAL (Military & Defense, Commercial, Homeland Security).

Key players in the Anti-Drone market include major global corporations and specialized innovators such as RTX, Lockheed Martin Corporation, Leonardo S.p.A., Thales, IAI, Rafael Advanced Defense Systems Ltd., Blighter Surveillance Systems Limited, Highpoint, DronesShield Ltd, Dedrone, Northrop Grumman, ApolloShield, Battelle Memorial Institute, Boeing, D-Fend Solutions AD Ltd., Cerbair, Aaronia AG, Hensoldt AG, Drone Major Ltd, SkySafe, Bluehalo, Fortem Technologies, Avnon Group, Drone Defense,

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SRC, Inc., Moog Inc., Aselsan A.S., MBDA, Detect Inc., and Saab AB. These companies are actively investing in research and development, forming strategic partnerships, and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

Top 3 Companies

RTX

RTX commands a significant share through its extensive product portfolio that includes advanced radar, kinetic interceptors, and electronic warfare solutions across military, commercial, and homeland security applications. The company leverages the innovative capabilities of its subsidiaries, such as Raytheon and Collins Aerospace, to enhance sensor fusion and guidance systems. RTX adopts both organic and inorganic strategies, including product launches and partnerships to maintain its stature in the market.

Lockheed Martin Corporation

Lockheed Martin Corporation stands out due to its robust manufacturing infrastructure and extensive R&D capabilities that yield sophisticated counter-drone solutions applicable to both military and commercial sectors. By forging alliances, such as its collaboration with IBM's Red Hat for AI-enhanced drone swarms, Lockheed Martin is poised to thrive amid evolving technological landscapes. The company focuses on comprehensive solutions integrating AI, which are vital for dynamic threat environments.

Leonardo S.p.A

Leonardo S.p.A distinguishes itself with a diverse product lineup tailored for sectors spanning defense and aerospace. Its commitment to innovation is supported by substantial investments in R&D, enabling enhancements in radar and electronic warfare technologies. Geographically, Leonardo has a stronghold in Europe, ensuring a comprehensive approach to expanding its influence across the continent through high-profile contracts and strategic acquisitions.

Table of Contents:

1	INTRODUCTION	13
1.1	MARKET DEFINITION	13
1.2	INCLUSIONS AND EXCLUSIONS	13
1.3	STAKEHOLDERS	14
2	EXECUTIVE SUMMARY	15
3	MARKET OVERVIEW	22
3.1	INTRODUCTION	22
3.2	MARKET DYNAMICS	22
3.2.1	DRIVERS	23
3.2.1.1	Growing adoption of drone countermeasures in defense sector	23
3.2.1.2	Increasing development of advanced anti-drone technologies amid rising criminal activities	24
3.2.1.3	Rising unauthorized drone sightings near airports globally	25
3.2.1.4	Rapid advances in detection and jamming technologies	25
3.2.2	RESTRAINTS	27
3.2.2.1	Requirement for substantial upfront capital	27
3.2.2.2	Operational complexities and risk of false positives in drone detection	27
3.2.2.3	Lack of harmonized standards and regulations across geographies	28
3.2.3	OPPORTUNITIES	29
3.2.3.1	Integration of AI and ML into drone detection and tracking platforms	29
3.2.3.2	Expansion of smart city infrastructure	30
3.2.3.3	Increasing complexity of drone threats	30
3.2.4	CHALLENGES	32
3.2.4.1	Vulnerabilities to hacking	32
3.2.4.2	Integration with existing security and surveillance ecosystems	32
3.3	VALUE CHAIN ANALYSIS	33

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3.4	ECOSYSTEM ANALYSIS	35
3.5	TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS	37
3.6	TECHNOLOGY ANALYSIS	38
3.6.1	KEY TECHNOLOGIES	38
3.6.1.1	Artificial intelligence (AI) and machine learning (ML)	38
3.6.1.2	High-energy laser systems	38
3.6.1.3	High-powered microwave (HPM) weapons	39
3.6.1.4	Interceptor drones (autonomous UAV-based neutralizers)	39
?		
3.6.2	COMPLEMENTARY TECHNOLOGIES	39
3.6.2.1	Command and control systems	39
3.6.2.2	Sensor fusion algorithms	40
3.6.3	ADJACENT TECHNOLOGIES	40
3.6.3.1	Cybersecurity and threat intelligence platforms	40
3.6.3.2	Satellite communication (SATCOM)	40
3.6.3.3	Blockchain	41
3.7	PORTER'S FIVE FORCES ANALYSIS	41
3.7.1	INTENSITY OF COMPETITIVE RIVALRY	42
3.7.2	BARGAINING POWER OF SUPPLIERS	42
3.7.3	BARGAINING POWER OF BUYERS	43
3.7.4	THREAT OF NEW ENTRANTS	43
3.7.5	THREAT OF SUBSTITUTES	43
3.8	IMPACT OF AI/GEN AI ON ANTI-DRONE MARKET	43
3.9	PATENT ANALYSIS	45
3.10	KEY CONFERENCES AND EVENTS, 2025-2026	47
4	COMPETITIVE LANDSCAPE	48
4.1	OVERVIEW	48
4.2	KEY PLAYER STRATEGIES/RIGHT TO WIN, 2020-2025	49
4.3	MARKET SHARE ANALYSIS, 2024	51
4.4	REVENUE ANALYSIS, 2020-2024	53
4.5	COMPANY VALUATION AND FINANCIAL METRICS	54
4.6	PRODUCT COMPARISON	55
4.7	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024	55
4.7.1	STARS	55
4.7.2	EMERGING LEADERS	56
4.7.3	PERVASIVE PLAYERS	56
4.7.4	PARTICIPANTS	56
4.7.5	COMPANY FOOTPRINT: KEY PLAYERS, 2024	58
4.7.5.1	Company footprint	58
4.7.5.2	Region footprint	59
4.7.5.3	System type footprint	60
4.7.5.4	Platform type footprint	62
4.7.5.5	Application footprint	63
4.7.5.6	Vertical footprint	65
4.8	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024	66
4.8.1	PROGRESSIVE COMPANIES	66
4.8.2	RESPONSIVE COMPANIES	66

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4.8.3	DYNAMIC COMPANIES	66
4.8.4	STARTING BLOCKS	66
	?	
4.8.5	COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2024	67
4.8.5.1	Detailed list of key startups/SMEs	67
4.8.5.2	Competitive benchmarking of key startups/SMEs	68
4.9	COMPETITIVE SCENARIO	69
4.9.1	PRODUCT LAUNCHES	69
4.9.2	DEALS	72
4.9.3	OTHER DEVELOPMENTS	73
5	COMPANY PROFILES	75
5.1	INTRODUCTION	75
5.2	KEY PLAYERS	75
5.2.1	RTX	75
5.2.1.1	Business overview	75
5.2.1.2	Products/Solutions/Services offered	77
5.2.1.3	Recent developments	78
5.2.1.3.1	Product launches/developments	78
5.2.1.3.2	Deals	78
5.2.1.3.3	Other developments	79
5.2.1.4	MnM view	80
5.2.1.4.1	Key strengths/Right to win	80
5.2.1.4.2	Strategic choices	80
5.2.1.4.3	Weaknesses/Competitive threats	80
5.2.2	LOCKHEED MARTIN CORPORATION	81
5.2.2.1	Business overview	81
5.2.2.2	Products/Solutions/Services offered	82
5.2.2.3	Recent developments	83
5.2.2.3.1	Product launches/developments	83
5.2.2.3.2	Deals	84
5.2.2.4	MnM view	84
5.2.2.4.1	Key strengths/Right to win	84
5.2.2.4.2	Strategic choices	84
5.2.2.4.3	Weaknesses/Competitive threats	84
5.2.3	LEONARDO S.P.A.	85
5.2.3.1	Business overview	85
5.2.3.2	Products/Solutions/Services offered	86
5.2.3.3	Recent developments	87
5.2.3.3.1	Product launches/developments	87
5.2.3.3.2	Deals	88
5.2.3.4	MnM view	88
5.2.3.4.1	Key strengths/Right to win	88
5.2.3.4.2	Strategic choices	89
5.2.3.4.3	Weaknesses/Competitive threats	89
5.2.4	THALES	90
5.2.4.1	Business overview	90
5.2.4.2	Products/Solutions/Services offered	91

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5.2.4.3	Recent developments	93
5.2.4.3.1	Product launches/developments	93
5.2.4.3.2	Deals	93
5.2.4.3.3	Other developments	95
5.2.4.4	MnM view	95
5.2.4.4.1	Key strengths/Right to win	95
5.2.4.4.2	Strategic choices	95
5.2.4.4.3	Weaknesses/Competitive threats	95
5.2.5	IAI	96
5.2.5.1	Business overview	96
5.2.5.2	Products/Solutions/Services offered	97
5.2.5.3	Recent developments	98
5.2.5.3.1	Product launches/developments	98
5.2.5.3.2	Deals	98
5.2.5.4	MnM view	99
5.2.5.4.1	Key strengths/Right to win	99
5.2.5.4.2	Strategic choices	99
5.2.5.4.3	Weaknesses/Competitive threats	99
5.2.6	RAFAEL ADVANCED DEFENSE SYSTEMS LTD.	100
5.2.6.1	Business overview	100
5.2.6.2	Products/Solutions/Services offered	101
5.2.6.3	Recent developments	101
5.2.6.3.1	Product launches/developments	101
5.2.6.3.2	Deals	102
5.2.7	BLIGHTER SURVEILLANCE SYSTEMS LIMITED	103
5.2.7.1	Business overview	103
5.2.7.2	Products/Solutions/Services offered	103
5.2.7.3	Recent developments	104
5.2.7.3.1	Product launches/developments	104
5.2.7.3.2	Other developments	105
5.2.8	HIGHPOINT	106
5.2.8.1	Business overview	106
5.2.8.2	Products/Solutions/Services offered	106
5.2.8.3	Recent developments	107
5.2.8.3.1	Deals	107
5.2.9	DRONESHIELD LTD	108
5.2.9.1	Business overview	108
5.2.9.2	Products/Solutions/Services offered	109
?		
5.2.9.3	Recent developments	110
5.2.9.3.1	Product launches/developments	110
5.2.9.3.2	Deals	111
5.2.9.3.3	Other developments	112
5.2.10	DEDRONE	113
5.2.10.1	Business overview	113
5.2.10.2	Products/Solutions/Services offered	113
5.2.10.3	Recent developments	115

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5.2.10.3.1	Product launches	115
5.2.10.3.2	Deals	116
5.3	OTHER PLAYERS	117
5.3.1	MOOG INC.	117
5.3.2	ASELSAN A.S.	118
5.3.3	MBDA	119
5.3.4	DETECT INC.	120
5.3.5	SAAB AB	121
5.3.6	ACCIPITER RADAR	122
5.3.7	BOEING	123
5.3.8	APOLLOSHIELD	124
5.3.9	NORTHROP GRUMMAN	125
5.3.10	BATTELLE MEMORIAL INSTITUTE	126
5.3.11	HENSOLDT AG	127
5.3.12	ART (ADVANCED RADAR TECHNOLOGIES)	128
5.3.13	DRONE DEFENSE	129
5.3.14	DRONE MAJOR LTD	130
5.3.15	SKYSAFE	131
5.3.16	BLUEHALO	132
5.3.17	FORTEM TECHNOLOGIES	133
5.3.18	D-FEND SOLUTIONS AD LTD.	134
5.3.19	CERBAIR	135
5.3.20	SRC, INC.	135
5.3.21	AARONIA AG	136
5.3.22	AVNON GROUP	137
5.3.23	BAE SYSTEMS	138
5.3.24	ELBIT SYSTEMS LTD.	139
5.3.25	L3HARRIS TECHNOLOGIES, INC.	140
5.3.26	RHEINMETALL AG	141
5.3.27	ANDURIL INDUSTRIES	142
5.3.28	BHARAT ELECTRONICS LIMITED (BEL)	143
5.3.29	ZEN TECHNOLOGIES LIMITED	144
5.3.30	QINETIQ	145
6	APPENDIX	146
6.1	RESEARCH METHODOLOGY	146
6.1.1	RESEARCH DATA	146
6.1.1.1	Secondary data	147
6.1.1.2	Primary data	148
6.1.2	RESEARCH ASSUMPTIONS	149
6.1.3	RESEARCH LIMITATIONS	150
6.1.4	RISK ANALYSIS	150
6.2	COMPANY EVALUATION MATRIX: METHODOLOGY	151
6.3	AUTHOR DETAILS	154

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