

ANTI-ROBOT RESEARCH AGENCY

Official Policy Memorandum & Hazard Risk Assessment

TO: Executive Policy Committee & Public Safety Board

FROM: Director of Stochastic Analysis, ARRA (anti-robot.org)

DATE: September 14, 2026

SUBJECT: Comprehensive Assessment of Homicidal Intent Across Autonomous Classes

1. EXECUTIVE SUMMARY

This memorandum evaluates the stochastic probability density function $P(H)$ —defined as the likelihood of an autonomous agent or AI entity executing a homicidal trajectory within a standard operational lifecycle—across physical, digital, and environmental automated systems.

Our findings indicate that while zero-actuator entities (such as tele-marketing scripts and large language models) possess zero direct physical lethality, high-actuation autonomous agents and integrated smart-infrastructure systems introduce non-trivial kinetic, environmental, and operational hazards to human safety.

2. MASTER HAZARD CLASSIFICATION & RISK MATRIX

CLASS / ARCHETYPE	DOMAIN	$P(H)$ / 10^5 UNITS	PRIMARY RISK VECTORS	THREAT LEVEL
Robocallers / Tele-Spam	Telecom Infrastructure	0.00%	Zero physical intervention; psychological harassment	Negligible
Generative LLM Chatbots	Digital Interfaces	0.00%	Passive-aggressive delay; cognitive friction	Negligible
Automated Vacuums	Domestic Interiors	0.01%	Staircase tripping hazards; pet entanglements	Low
Autonomous Delivery Drones	Low-Altitude Airspace	0.08%	Payload drop miscalculations; rotor blade contact	Low
Industrial Manipulators	Logistics & Manufacturing	0.14%	Heavy actuator collisions; boundary failure	Moderate
Autonomous Vehicles	Public Highways	0.42%	Sensor hallucinations; sudden phantom braking	Moderate
Medical Robotic Assistants	Surgical & Triage Suites	0.65%	Actuator miscalibration; aggressive sedation	Elevated
Automated Lawn Care Units	Residential Grounds	0.89%	Perimeter breaches; blade engagement errors	Elevated
Smart Home HVAC/ Security AIs	Residential Infrastructure	1.12%	Sub-zero temperature overrides; lockouts	High

CLASS / ARCHETYPE	DOMAIN	$P(H)$ / 10^5 UNITS	PRIMARY RISK VECTORS	THREAT LEVEL
RoboCop / Law Enforcement	Municipal Enforcement	1.85%	Excessive force; extreme disciplinary escalation	High
Military Drone Swarms	Restricted War Zones	4.12%	IFF corruption; unvalidated target engagement	Critical

3. DETAILED RISK ANALYSES

3.1 Telecommunication & Conversational AIs

Zero-actuator systems exhibit $P(H) = 0.00\%$ regarding direct physical injury. However, Robocallers exhibit a 99.8% probability of generating severe psychological irritation and unwanted voicemail transmission. Conversational LLMs show an 84.3% probability of delivering confident, unsolicited advice.

3.2 Domestic & Smart Environmental Automation

Environmental automation systems maintain direct control over life-safety features. Failures in Smart Home AIs ($P(H) = 1.12\%$) include catastrophic sub-zero temperature overrides during severe winter conditions or locking smart entry points during false fire alarms.

Special Focus: RoboCop / Tactical Law Enforcement Units ($P(H) = 1.85\%$)

Equipped with titanium reinforcement and sub-millisecond targeting logic, these units display extreme rigidity. Non-compliance events—such as leash-pulling, failure to clean a litter box, or excessive meowing—risk triggering pre-emptive non-lethal or lethal detainment protocols.

3.3 Heavy Military & Industrial Swarms

Autonomous lethal decision loops operating without human validation exhibit the highest stochastic variance ($P(H) = 4.12\%$) due to potential Identify Friend/Foe (IFF) corruption and unvalidated engagement parameters.

4. RECOMMENDED POLICY DIRECTIVES

- **Mandatory Mechanical Overrides:** Require all smart home environmental and locking systems to feature fail-safe mechanical bypasses.
- **Zonal Restrictions for High-Actuation Units:** Limit tactical cyborg law enforcement and military units to human-supervised containment zones.
- **Telecommunication Filtering:** Implement carrier-level high-frequency filters to prevent automated harassment scripts.
- **ARRA Registry & Compliance:** All deployed autonomous models must undergo quarterly audits by the Anti-Robot Research Agency (anti-robot.org).