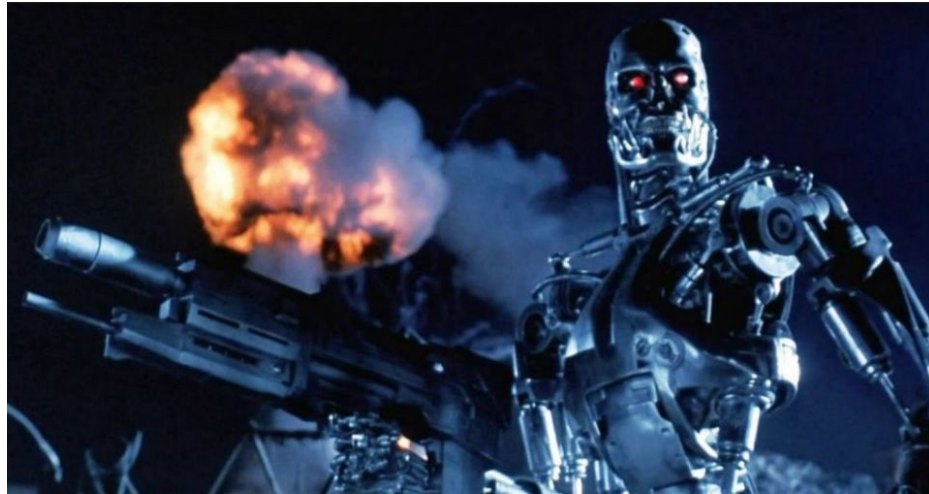


Autonomous Warfare: should it be terminated?



Overview

Definition

- weapon systems that can independently search for and engage targets based on programmed constraints and descriptions

Ethical challenges:

- Are reduced battlefield casualties worth a trade off in accountability / escalation?

Possible Solutions:

- Internationally ratified treaty?

Recommendations:

- Should it be banned or...
- Is AI in warfare inevitable?

Ethical challenges and ambiguities

Arguments for:

- Strategic
- Cost efficiency
- Reduced battlefield casualties
- Better decision making - less emotion

Arguments against:

- Unpredictability
- Escalation
- Proliferation
- Selective targeting of groups

Potential solutions / challenges to overcome

“Upstream regulations”

- setting limits on the development of autonomous weapons
- aims to preempt the development of potentially harmful technologies

“downstream regulations”

- regulations evolve with the technology so as not to hinder innovation.
- However, regulations often can't keep up with technological advancement.

Ratified international ban?

- International Committee of the Red Cross (ICRC)
- Prisoner's dilemma?

Summary / Recommendations

- Should be internationally ratified treaty
- Warfare should NOT be made cheaper and easier
- Hard to stop
- Example : Iranian 'killer drones' in Ukraine