Initial Post

## Case: Automated Active Response Weaponry

According to the case study, the international defence system contractor Q Industries was moving away from automated passive systems and toward automated active response weapon systems, which went against the principle of the Association for Computing Machinery (ACM) code. The system used in the protest had automated non-lethal and lethal reactions, as well as facial recognition algorithms. Until a few of Q's original developers quit and made public statements about this societal issue (ACM Ethics, N.D.). Regarding British Computer Society (BCS) code 3a (BCS, 2022), these engineers demonstrated professional responsibility and judgment. The Public Interest Disclosure Act (GOV.UK, 2020) and BCS code 1a can provide protection for their activities (BCS, 2022).

Q’s evolving work shows a gradual process toward violating the ethics codes. Q’s developed system in a way that could be used to suppress free speech and association, which violates the 1b of the BCS code (BCS, 2022) of legitimate rights. Moreover, that could allow discrimination and other abuses actions that break 1d in the BCS code (BCS, 2022). Q’s develop small-scale explosives with non-lethal and lethal responses ignoring the harm to the innocent. In addition, the chance of killing or Involuntary Manslaughter (CPS, 2022) without proper adjudgment.

In accordance with the International Committee of the Red Cross (ICRC) proposals, autonomous weapon systems should be governed by new binding laws. Ruled out the unpredictable and targeted human beings' autonomous weapon systems. Regulation of the development and use of autonomous weapon systems that are not outlawed is necessary. Constraints on the duration, geographic extent, usage circumstances, and volume of use, as well as restrictions on the target kinds. These restrictions might include good practice guidelines and common policy standards, which can work in tandem and reinforce one another (ICRC, 2021).

## Reference:

ACM Ethics. (N.D.) Case: Automated Active Response Weaponry. *Code of Ethics*. Available from: https://ethics.acm.org/code-of-ethics/using-the-code/case-automated-active-response-weaponry/ [Accessed 11 Nov 2022].

BCS. (June 8, 2022) Code of Conduct for BCS Members. *BCS, The Chartered Institute for IT*. Available from: https://www.bcs.org/media/2211/bcs-code-of-conduct.pdf [Accessed 11 Nov 2022].

CPS. (September 9, 2022) Homicide: Murder and Manslaughter. *Legal Guidance, Violent crime*. Available from: https://www.cps.gov.uk/legal-guidance/homicide-murder-and-manslaughter#\_Toc3812587 [Accessed 11 Nov 2022].

GOV.UK. (April 15, 2020) The Public Interest Disclosure Act. *Guidance*. Available from: https://www.gov.uk/government/publications/guidance-for-auditors-and-independent-examiners-of-charities/the-public-interest-disclosure-act--2 [Accessed 11 Nov 2022].

ICRC. (May 12, 2021) ICRC position on autonomous weapon systems. *Article*. Available from: https://www.icrc.org/en/document/icrc-position-autonomous-weapon-systems [Accessed 11 Nov 2022].