



UNSW
SYDNEY



Value-Sensitive Design of Trusted Systems

Using a unique methodology to tease out ethical, legal and social values - which often remain implicit and unarticulated - to build robot/AI, cyber and human enhancement systems that are more effective, efficient and better accepted by users, clients and the public.

Competitive advantage

- Proven experience working with trusted autonomous systems
- Australia's first and only team dedicated to inserting specific organisational values into emerging military and security products or services with the aim of enhancing outcomes and user experience
- Expertise influencing the regulation of trusted technologies at the national and international level, including United Nations regulatory efforts
- Demonstrated experience positively managing the media's coverage of trusted technologies
- A unique value-sensitive design method proven to yield better design outcomes

Impact

- Aligning trusted technology with societal values and user requirements to prevent technology from being misused, underutilised or disused

Successful applications

- \$1 million study of the ethical and legal implications of the development of trusted autonomous systems
- Multi-million-dollar long-term program for embedding ethics and law into the design of future autonomous weapons

Capabilities and facilities

- An interdisciplinary and international team of ethicists, lawyers, sociologists, cognitive scientists and engineers, many with active security clearances
- Access to cutting-edge tools - social robotics, small aerial imagery drones, etc
- Experienced writers, cited and published in international news media
- Commentators who have appeared on prime-time national television

Our partners

- Australian Department of Defence
- US Department of Defence
- Trusted Autonomous Systems Defence CRC

More Information

Dr Jai Galliot

Values in Defence & Security
Technology (VDST) Group

T: +61 (0) 424 043 247

E: j.galliot@unsw.edu.au

UNSW Knowledge Exchange

knowledge.exchange@unsw.edu.au

www.capabilities.unsw.edu.au

+61 (2) 9385 5008