Trusted Autonomous Systems

Autonomous Systems - Research and Industry
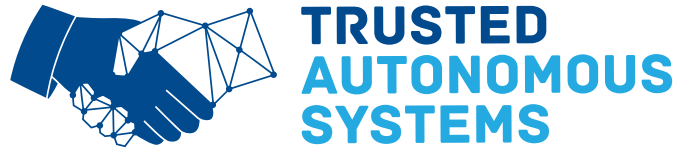

Smart, Small & Many

Trusted Autonomous Systems is Australia's first Defence Cooperative Research Centre and is uniquely equipped to deliver world-leading autonomous and robotic technologies to enable trusted and effective cooperation between humans and machines. Our aim is to improve the competitiveness, productivity and sustainability of Australian industry.

Trusted Autonomous Systems, together with its participants and the Department of Defence, is developing the capacity of Australia's defence industry to acquire, deploy and sustain the most advanced autonomous and robotic technology.

KEY PARTICIPANTS

- Australian Defence Force and Defence Science & Technology Group
  - Projects building capability for each ADF service
- Queensland Government
- Partnered with Defence Primes on Projects:
  - BAE Systems – Trusted Autonomous Ground Vehicles for EW
  - Thales – Mine Countermeasures in a Day
  - Boeing Phantom Works – Cognitive ISR (completed project)
- Range of SMEs (Queensland listed)
  - Athena AI – (Skyborne Technologies & Cyborg Dynamics)
  - Revolution Aerospace
  - KJR (with Western Yalanji Aboriginal Corporation),
  - Aginic
  - DanField StratoShip
  - Pama Language Centre (jointly with UQ), and
  - International Weapons Review
- Universities
  - UQ, QUT, Griffith University
  - UNSW, UoS, WSU, UoM, RMIT, UoA, UTS, Flinders.
- SmartSat CRC

CAPABILITIES

- Fostering world leading autonomous and robotic technology
- Advancing trusted and effective cooperation between humans and machines
- Linking industry and researchers to create game-changing capabilities for Defence

DISCRIMINATORS

- Unique Ethics & Law, Assurance of Autonomy support to projects

CONTACT/ADDRESS DETAILS

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Member of Defence Industry Security Program (DISP)