

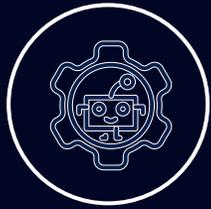
AI Expert Group

Virtual Briefing

30 April 2025



The AI Expert Group provides a diverse perspective to help enable and accelerate ambitious, safe, and responsible AI adoption across UK Defence for strategic advantage.



Partnership-Led

- The AI Expert Group is led in partnership by Team Defence-Information (TD-info), the Alan Turing Institute (ATI) and Defence AI Centre (DAIC).



Community Based

- Provides the expert community an opportunity to convene forums to shape UK MOD's approach to AI adoption.



Diverse Membership

- Currently the AIEG has approximately 250 members from industry and academia, big tech, traditional and non Defence partners, and SMEs.



We communicate & brief problems & challenges facing the community



We host and facilitate working groups



We facilitate the provision of detailed feedback, advice and content review



We facilitate and enable digital discussions





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AI Expert Group

AI Practitioners' Handbook
September 2024



[OFFICIAL]

Update



Your feedback is feeding into both JSP 936 part 1 updates and future content for the AI Practitioner's handbook.



New Policy directives are being drafted for MOD to be released once Defence Reform changes have embedded further and more details from SDR are known. These directives will be based on evidence from our RAISO statements, HCDC report, an internal audit and ATI research.

AIPH Guidance Content Progress



Completed

RAISO Governance

LLM Guidance for users

Human-centred AI development

AI Ethics Risk assessment guidance

Data, labelling, synthetic, curation

How to Buy AI Guide

JSP Tailoring

Dstl AI Ethics Playing Cards



Backlog

- Security
- DAIC Assurance Framework
- Model Cards/Tech enablers (testbench, E2E pipelines)
- Risk Catalogue
- Human Factors Guidance
- Assurance use case examples

Collaboration Opportunities

- User Testing the upcoming ALPH content
- AI Ethics Cards – Sponsorship and adding use case studies.
[DSTL AI Ethics Cards](#)





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AI Passport



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“We will move beyond interoperability to interchangeability. And we will ensure we have all the enablers in place to operate seamlessly together, at speed”

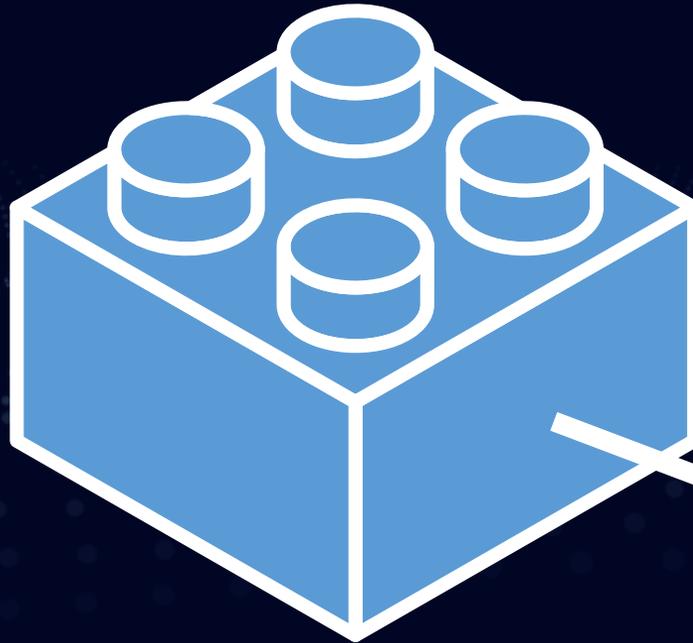
Australia Deputy Prime Minister, Richard Marles, 2022 CSIS Speech

Integration Challenge

- **Agility**
- **Scale**
- **Industry**



AI Passport in Lego



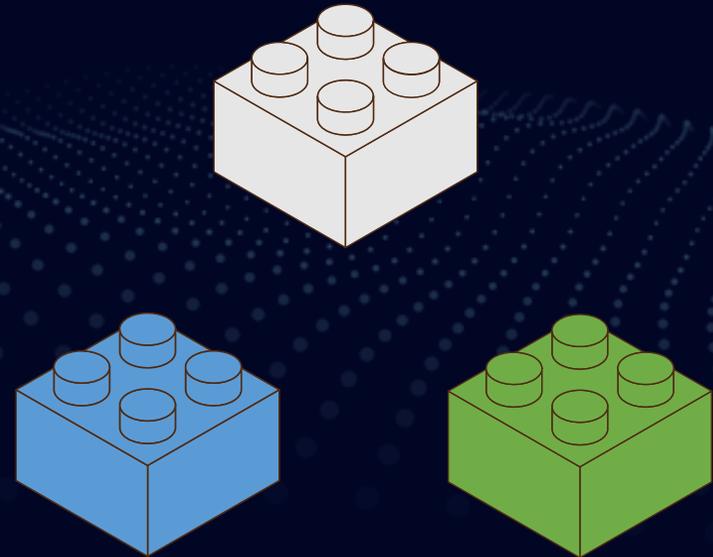
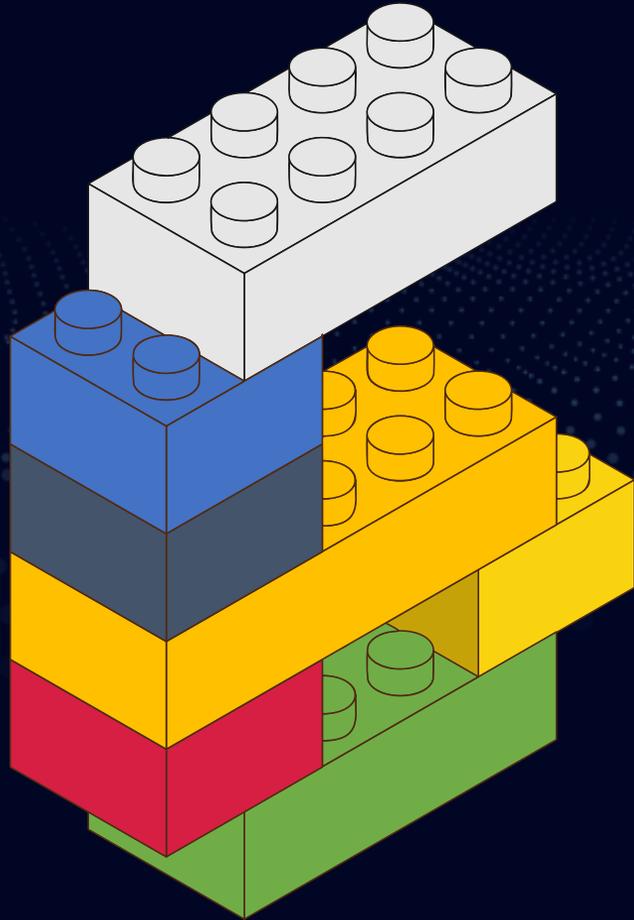
Common Interfaces

Defining the shape of brick so it can plug into other components.

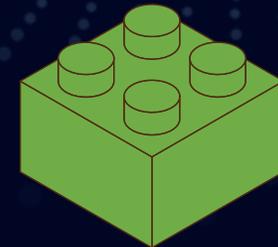
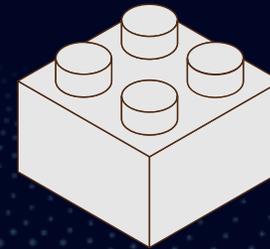
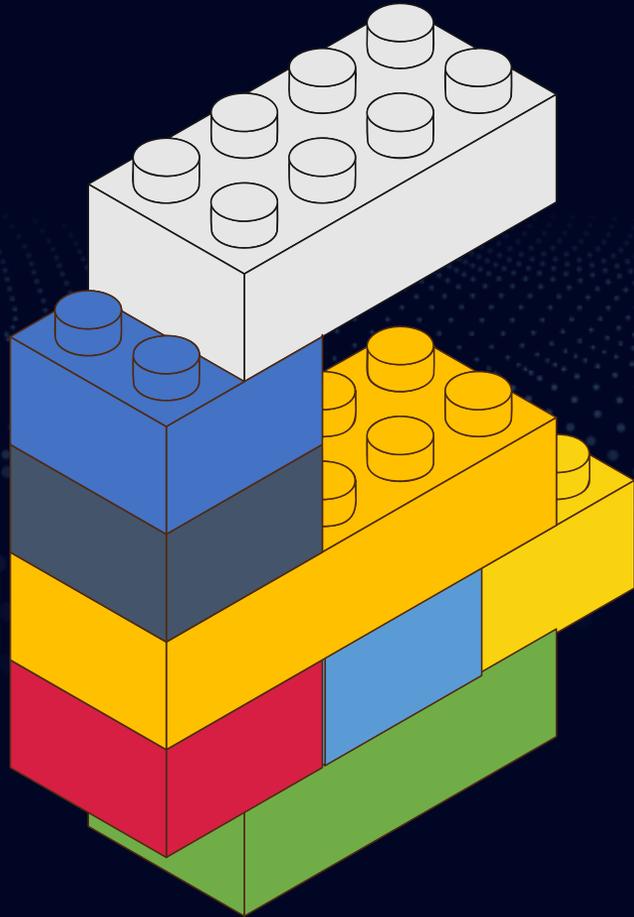
Model Cards

Documenting the form and function of the block so the right block can be selected for a requirement.

System Integration of AI

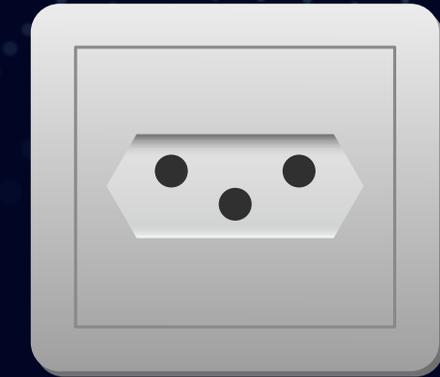
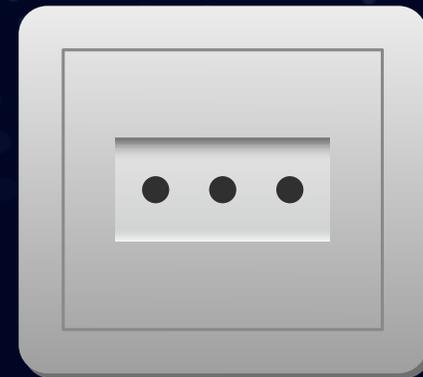
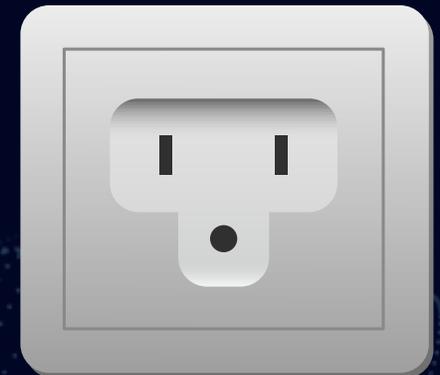
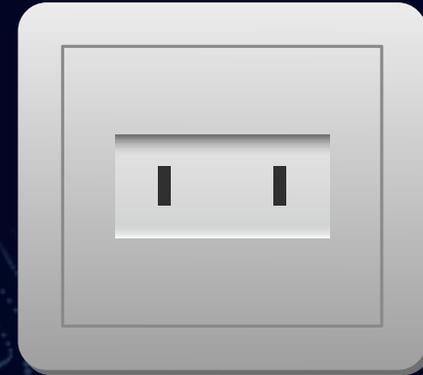


System Integration of AI



The Plug Adapter - Retrofitting

- Not everything will comply
- Re-usable adapters would still provide a level of efficiency



AI Passport Design Principles

- Down-select existing standards
- Embrace heterogeneity & innovation
- Incrementally build by modality
- Develop with the Defence AI community

Please provide your feedback

