

Human-OI™

Human-Orchestrated Intelligence in Risk-Averse Industries

Making AI Adoption Defensible, Safe, Effective and Human-Centred

Why is responsible artificial intelligence (AI) adoption and integration a human factors problem? Many organisations are introducing AI solutions into operational environments without fully considering:

- Human-in-the-Loop (HITL) as a control.
- Human oversight requirements.
- Regulatory expectations.
- User-centred design (UCD).
- Decision-making responsibilities.
- Workload and error management.
- Situational awareness (SA) and complacency.
- Competence, training and skill fade.
- Trust and automation bias.



IHF is not asking organisations to slow down AI adoption. We are giving them Human-OI to speed it up. Without losing control.

Business Benefits

- ✓ **Human-Centered Design (HCD)**
Ensures AI systems are intuitive, usable and aligned with operational needs.
- ✓ **Proactive AI Governance**
Creates robust frameworks for responsible AI deployment and oversight.
- ✓ **Regulatory Readiness**
Prepares organisations for emerging AI regulatory requirements. Regulation (EU) 2024/1689, Article 14 requires that high-risk AI systems are designed so they can be "effectively overseen by natural persons".
- ✓ **Reduced Operational Risk**
Identifies and mitigates potential human and organisational failure pathways in risk-averse industries.