



## Human Factors for the Defence Industry

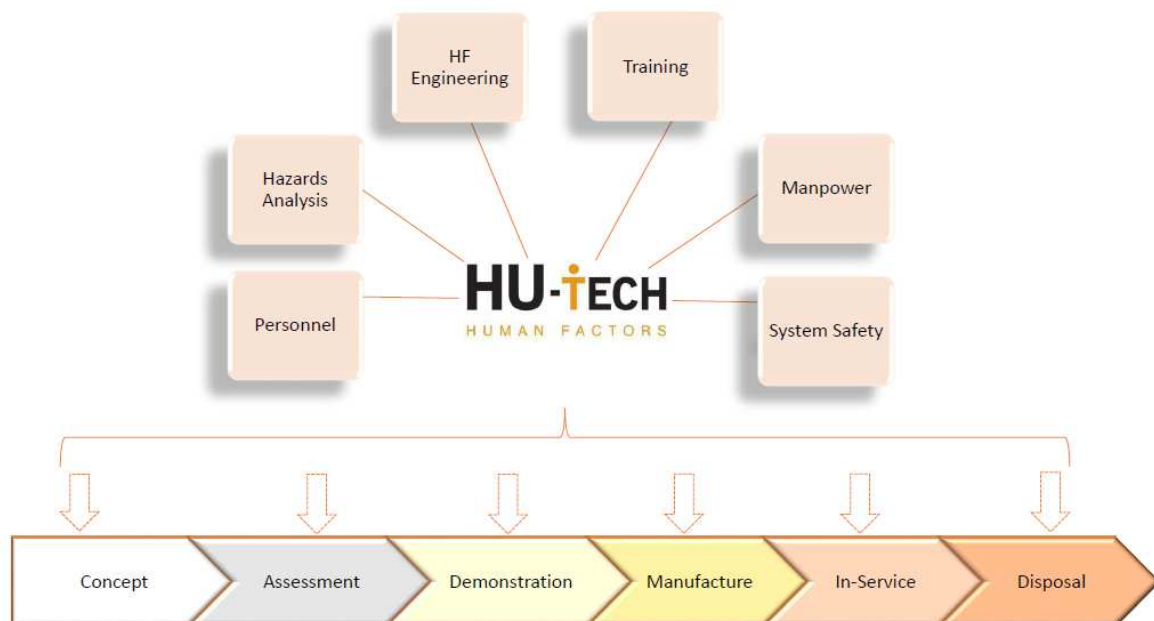
### Capability Statement

Hu-Tech has a wealth of experience in the Defence acquisition process; providing clients with safe, effective, operable and supportable human factors capability.

We are a team of Chartered Human Factors and Ergonomics specialists, engineers and safety professionals, with a successful track record in partnering with industry consortia to provide the Human Factors component for winning and carrying out MoD contract work.

Amongst our consultants includes the author of the Human Factors Integration (HFI) guidance for MoD Integrated Project Teams; a member of Defence Scientific Advisory Committee; and the author of a number of case studies for MoD to show the value of HFI.

Our Human Factors competences include the development and management of the main HF domains in Defence for integration across all phases of the CADMID project process, as shown below.



#### HF application areas include:

- Application of DEF-STAN 00-250, MIL-STAN 1472, JSP 512 and others
- Task and human error analysis
- Training Needs Analysis
- Workload analysis
- User requirements generation
- CAD - human modelling design
- Human-Computer Interface design & assessment
- Training delivery



## **Our Consultants experience includes:**

### **Land**

- AFV Human Factors Integration and design (including Boxer, Spartan, Future Rapid Effects System - FRES)
- Clothing and equipment trials
- Battlefield Information System Application (BISA) Human Computer Interaction
- Human Factors Integration support on military communications system (BOWMAN)

### **Sea**

- Operations Room layout and console design
- Military diver training evaluation
- Optimised landing craft launch and recovery
- HF Integration for submarine communications

### **Air**

- Situational Awareness trials for unmanned combat aerial vehicle prototypes
- Usability assessment – training simulators
- Air traffic management
- Manual handling assessments - ground crews

For more information please visit our website; [www.hu-tech.co.uk](http://www.hu-tech.co.uk) or contact the team by emailing [info@hu-tech.co.uk](mailto:info@hu-tech.co.uk) or calling +44 (0)845 463 1940.