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## What makes us different?

*Everyone does Human Factors and Safety.  
What makes us different?*

**While Human Factors and Safety are both independent disciplines with their own, very knowledgeable specialists, at Think Research we take a holistic view of the related domains of Safety and Human Factors.**

We know when it's time to call in the specialists, but we also know that sometimes a broad and applied service is required to meet our customers' needs and to conduct our main tasks.

## De-mystifying it all

*It's not all mumbo-jumbo*

Human Factors and Safety have both developed a 'mystique' about them – "only experts can understand these fields", "unless you have a degree in psychology you cannot understand HF", "safety assessments can only be conducted by safety experts".

These and other 'myths' have developed around HF and Safety – but at Think Research we have the skills and knowledge to apply HF and Safety within concept and operational validation studies and to a range of HF and Safety Assessments.

Through combining our HF and Safety knowledge with our Operational and Concept expertise, we are able to bring cross-domain knowledge to a wide range of projects, lowering the overall cost of the project and providing a more integrated approach. We are also able to take a more practical lead on 'cross-over' projects that require a combination of skills.

## Human Factors

*Keeping the Human in The Loop*

ATM is still based around the human controller and will be for the foreseeable future. It is, therefore, vital that when designing, developing, validating and implementing new operational concepts, the role of the human must be kept at the core of the process.

Similarly, for the new ATM system to achieve its full potential, the operators have to accept and be completely confident in the system.

At Think Research we ensure that Human Factors are taken into account, wherever relevant, in the work we conduct. Our Human-In-The-Loop studies include HF measures designed to both test the system and to install confidence and acceptance in it by the users.

## Safety

*The cornerstone of Air Traffic Management*

Safety is paramount to ATM and the safety of both current and future systems needs to be ensured and constantly improved upon. We include safety measures and assessments wherever possible – especially when the development reaches the Human-In-The-Loop phase. We are aware that any indication a system may not be safe will immediately render it unacceptable to the controller community – so we aim to test safety over and over again.

Talk to us

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