

- Orbital systems
- Launchers
- Ground segments
- Balloons
- Transversal competencies



We are the French leader in human-centered design and HFIP. Born in 1978 as the first consulting spin-off dedicated to the impact of digital on working environments, we designed the global digital transformation of the Air Traffic Control (ATC). Pioneers in user expertise and user-oriented design, we have been at the heart of the design of ambitious products, services, spaces and experiences for 40 years. Independents, we support a majority of large national and international accounts in their transformations.

COMPETENCIES & CAPABILITIES

We bring together a multidisciplinary team of more than 100 consultants; thus bringing together a single coherent and consistent portfolio in human factors integration programs, management and strategic anticipation of innovation, advanced HMI and IUI design, organizational and spatial / interior design. We are at the heart of the human component of all types of complex systems. Addressing the challenges of performance, ease of use as well as security and risk management.



HUMAN DESIGN GROUP

PRODUCTS & SERVICES

We design physical and cognitive environments adapted to the challenges of human-machine interaction with complex systems. This theme covers:

- Development of control rooms and supervision / hypervision spaces, ground segment for constellations monitoring, air traffic control tower);
- Human Factor Integration Program, with a one-stop-shop partnership (from the protocol definition to certification);
- Cybersecurity-oriented digital and organizational transformation;
- Human monitoring systems & ergonomics;
- Cockpit design (aeronautics and defense) and advanced interactions (Intelligent User Interfaces);

Since 2020, we also have developed specific tools and methodologies including a virtual / augmented / Mixed reality platform allowing immersive experiences and evaluation of innovative / prospective projects and contexts of use.

MAJOR SPACE PROJECTS & REFERENCES

Using holistic and human centered approach (melting organization, space and HMI key factors), Human design Group supported CNES on the development of the design referential for its facilities integrating a human component. As a way to secure the design choices and rationale, this tool defines the process of human factor integration throughout the complete lifecycle of CNES programs (Study, project, implementation and operation).

We also have contributed to the ELA 3 Ariane V spaceport program modernization by promoting human factor and ergonomics. We co-designed future work situations with the ELA3 operators (workstation digitization, organizational design).

Collaborating with the CNIM Group, Human design Group developed a unique operational design concept for micro-launchers. Involving our aerospace experts, we responded to various challenges including the operational cost optimization, flexibility, reliability and installation mobility.

POINT OF CONTACT

ADDRESS 7ter rue de la Porte de Buc 78000 Versailles

WEBSITE www.humandesign-group.fr

PHONE +33 (0)1 81 88 15 01

POINT-OF-CONTACT : M. CALVET Guillaume

TURNOVER 11 M€

WORK FORCE 100+

SPACE TURNOVER 3 M€

SPACE WORK FORCE 30+