



Aerospace & Defence

Digital is defence.
By sea, land and air.



From Earth observation to earth monitoring.

Space and Situational Awareness, the integrated environmental perception Earth Observation from space measurements from local sensors and real-time data processing form the technological basis for effective monitoring of the environment and operational scenarios. On this basis, Exprivia develops intelligent systems for safety and environmental protection that guarantee the protection of territory, infrastructures, people, cities and means of transport.

Exprivia

Exprivia is the head of an international group specialized in Information and Communication Technology able to address the drivers of change in the business of its customers thanks to digital technologies. With a consolidated know-how and a long experience given by the constant presence on the market, the group has a team of experts specialized in different technological and domain fields, from Capital Market, Credit & Risk Management to IT Governance, from BPO to Cybersecurity, from Big Data to the Cloud, from IoT to Mobile, from networking to business collaboration up to the SAP world. The group supports its customers in the Banking & Finance, Telco & Media, Energy & Utilities, Aerospace & Defence, Manufacturing & Distribution, Healthcare and Public Sector sectors. The offer includes solutions consisting of own and third-party products, engineering and consulting services.

Today the group has about 2,400 professionals distributed in 7 countries worldwide. Exprivia S.p.A. is listed on the Italian Stock Exchange on the MTA (XPR) market.



Smart Monitoring & Control

Situational Awareness is the correct real-time perception of what happens in operational scenarios through the analysis of heterogeneous data. Images, videos, texts, voices, sounds come from a multitude of sensors, worn, fixed and mobile, in flight, in navigation, in orbit, on vehicles and on drones. These data are integrated and analyzed in our complex IT systems. Human intelligence remains at the heart of every process, so **Human Machine Interaction (HMI)** is one of the key points for the correct use of a computer system. Correlations between data are made visible through effective and intuitive graphic presentations, continuously improved by means of iterations with end-users. **Immersive 3D HMI** provides our Monitoring and Control systems with maximum effectiveness and efficiency. The long experience gained by Exprivia Italtel in the field of command and control, combined with the skills acquired in aerospace, allow to create defense and prevention

systems in which Information Technology is the best tool for the protection of the territory. Land, sea and air consoles, equipped with **Augmented Reality**, allow full mastering of the wealth of **geo-referenced and social-based information**, offering maximum interaction with increasingly realistic scenarios. In addition, the expertise acquired in the development of EO Ground Stations supports the processing of geospatial data for monitoring, planning and management of environmental risks.

Offer Lines

- Smart Cities & Urban Security
- Environmental monitoring
- Critical infrastructure monitoring
- Early Warning System
- Precision Agriculture
- Surveillance & Traffic Control
- Maritime Tracking Awareness

