Expertise

Zanasi & Partners is a recognised thought leader and international advisor on the protection from unconventional threats (terrorism, cyber menaces, CBRNE) and the technologies for security and defence.

Our expertise include:

- **Intelligence**: data mining, multi-language text mining, big data analytics;
- **Critical infrastructure protection**: secure information sharing, cyber–security;
- **Border control**: fight against the illicit traffic of dangerous waste and nuclear/radioactive material; improvement in the performance of border guards;
- **Risk assessment**: models and methodologies for assessing the terrorism risk;
- **Transport security**: railway, maritime and aviation domains;
- **Human factor**: mitigation of cognitive biases within intelligence and law enforcement activities;
- **Serious games**: simulations and training for the intelligence and security sectors.

And, more in general:

- Support in the definition of security and defence research strategies, including the request of EU funding for their development.

Careers

We are always interested in hearing from talented individuals willing to join our team. For more information, please visit: [http://www.zanasi-alessandro.eu/careers](http://www.zanasi-alessandro.eu/careers)

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Who we are

Zanasi & Partners (Z&P) is a research and advisory company specialised in security and defence. Its expertise include big data analytics (data, text and social mining), security/defence, nuclear detection and border control.

The clients are government agencies, private firms, ports and airports. We are active in Europe, Middle East and North Africa.

Zanasi & Partners is member of ECSO (European Cyber Security Organisation).

Key personnel

Alessandro ZANASI. M.Sc.Eng. in Nuclear Engineering and M.Sc. in Economics. Formerly Carabinieri officer at Carabinieri Scientific Investigation Centre. IBM executive in Italy, San Jose (USA) and Paris. Responsible for IBM Intelligence in South Europe, Middle East and Africa. Professor of Data/Text Mining and Intelligence Techniques at the Universities of Bologna and Paris. META Group (now Gartner) analyst. Co-founder of TEMIS SA (now Expert System) in 2000, in 2006 he founded Z&P.


Fabio RUINI. Ph.D. in Artificial Intelligence funded by the US Air Force Office of Scientific Research. M.Sc. in Network and Innovation Economics. Expert in IT security, Autonomous Robotics and Machine Learning. Author of several scientific publications, before joining Z&P he carried out research activities at the ISTC–CNR (Italy), EPFL (Switzerland) and Plymouth University (UK).

Research

Z&P’s research activities have been funded by the European Commission within the context of several research projects:

- **BODEGA** (Proactive Enhancement of Human Performance in Border Control)
- **CLOUDCERT** (Testbed Framework to Exercise Critical Infrastructure Protection)
- **CRISYS** (Critical Response in Security and Safety Emergencies)
- **CWIT** (Countering WEEE Illegal Trade)
- **FINSEC** (Integrated Framework for Predictive and Collaborative Security of Financial Infrastructures)
- **iSAR+** (Online and Mobile Communications for Crisis Response and Search and Rescue)
- **LEILA** (Law Enforcement Intelligence Learning Application)
- **PYTHIA** (Predictive Methodology for Technology Intelligence Analysis)
- **RECOBIA** (Reduction of Cognitive Biases in Intelligence Analysis)
- **SCADALAB** (SCADA Laboratory and Test Bed for Critical Infrastructure Protection)
- **SECRET** (Security of Railways against Electromagnetic Attacks)
- **SOTERIA** (Online and Mobile Communications for Emergencies)
- **THIS** (Transport Hub Intelligent Video System)
- **TRIVALENT** (Terrorism Prevention via Radicalisation Counter-Narrative)
- **TREPRESSPASS** (Robust Risk Based Screening and Alert System for Passengers and Luggage)

Advisory

Z&P’s has provided advisory services to:

Public and private organisations

Other international organisations

- **European Union**
- **Other international organisations**
  - CAMINO (Comprehensive Approach to Cyber Roadmap Coordination and Development)
  - COMFIN (Communication Middleware for Monitoring Financial CIs)
  - CPSI (Changing Perception of Security and Interventions)
  - DOT.COM Waste (Development of Tools to Counter Illegal Trade and Management of Waste)
  - PREDICT (Preparing for the Domino effect in Crisis Situations)
  - SAFFRON (Semantic Analysis against Foreign Fighters Recruitment Online Network)
  - SAFIRE (Scientific Approach to Finding Indicators & Responses to Radicalisation)
  - SAVASA (Standards Based Approach to Video Archive Search and Analysis)