

Since 15 years **Technis Blu** operates as a Company performing consultancy on applications and systems in different areas of informatics : Security , Transportation and ERP.

Since **Technis Blu** birth on 2009, it counts Infodata e VarGroup Companies as major stake. **Technis Blu** started a transformation process to consolidate different experiences, focusing on three specific areas of excellence such as : Safety Critical Control Systems for Railway Signalling, Industrial Automation and the Certified Laboratory for Informatics Security.

Technis Blu develops **solutions and products** in Transport, Automation and Computer Security that have many references in the market among best sector Players. **Technis Blu** offer **services** on two different field : Security Systems with our activity of penetration testing and certification, and on Safety Critical Systems with our expertise of design, implementation, test, V&V, installation and assistance of command and control products.

Along last years, different teams operates with over **100 Clients** in different sectors developing and implementing complex projects.

SECURITY LICENSED LABORATORY (LVS) *Ref. Paolo Giordano paolo.giordano@technisblu.it*

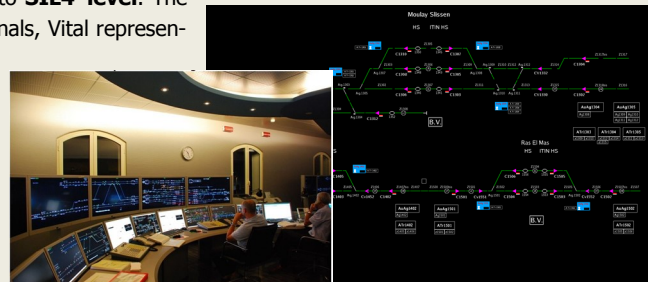
LVS : **Technis Blu** is one of the 4 laboratories in Italy accredited in OCSI (**Organization for Certification of informatics Security** — www.ocsi.isticom.it) and it works on assessment activities for the certification of Products and Systems compliant with the **ISO 15408 standard (Common Criteria)**. LVS it is internationally recognized by CCRA (Common Criteria Recognition Arrangement — www.commoncriteriaportal.org/ccra). Certifications achieved in Italy are internationally valid according with agreements of countries joining CCRA. The Laboratory institutionally acts with its own skilled evaluators, who are formed and enabled by OCSI. Laboratory evaluates products/systems or Protection Profiles respect with the national schema and under control of the national organism. LVS draw up security documentation during preparation of the evaluation, determining vulnerabilities of security targets (ST), objects of evaluation and protection profiles (PP), certification management and maintenance. LVS performs risk analysis and specialized training on security issues on ICT and automation themes with special attention to the evaluation technics.



TRANSPORT PROJECTS AND AUTOMATION DIVISION

TRANSPORT : Division owns inside its organization deep competences and capabilities in design, implementation, commissioning and maintenance of complex **safety critical systems for the control of railway systems** compliant with **CENELEC regulation EN 50128 / EN 50129** to assure adherence of developed products to the traceability of requirements of safety up to **SIL4 level**. The Division owns specialized competences on Vital Interlocking Logic, Operator Terminals, Vital representation of scheme plan for pseudo real time applications, Support Decision Systems, Centralized Traffic Control Systems, Diagnostic and Maintenance Terminals and consoles interface diagnostic devices. The Division defines requirements, functional specifications, design and follow up all product life cycle, and it offers consultancy for Safety certifications, and supply product technical documentation.

Vital Man Machine Interfaces and Maintenance and Diagnostic Systems are installed all over Italy and also abroad (Croatia/Algeria/Turkey). Simulators designs and Configuration Tools are the *b-side* of design and implementation of Railway Signalling Systems product above mentioned. Division is specialized in implementation of interfaces and simulators, and Powerful Configuration Tool that give to our Customer cost saving and reliability of test phase.



Division provides a **H24 assistance and commissioning team** specialized in software railway systems and monitoring, and a dedicated **Test Factory** that supports development, V&V phases and Customer and their products with module, integration, static, dynamic and regression testing using most reliable tools (McCabe/Vector Cast LDRA/C++test). **Technis Blu** is Italian unique reseller of McCabe IQ suite.

AUTOMATION : Industrial Automation know-how in Energy and Oil and Gas sector gives to the Division configuration skill on **SCADA systems and PLC/RTU Control and Supervisory Systems** (GE/iFix, PCVue, WinCC, ABB, Panasonic, AB, etc) based on most widespread know industrial platforms and protocols (Modbus/CAN/OPC/Profibus,DNP3,DeviceNet,IEC61850,etc) for Serial and Ethernet connections, commissioning and maintenance of Power Management Systems (BEM). Division arranges many "open" solution oriented to integrated consoles for Control Rooms C2-C3-C4 (Cortech/Prysm/Avigilon). Division operates with open platforms and proprietary solutions on Security Management Systems, Building Management Systems for the integration of subsystems for physical and software security for military and civil applications (CCTV/IDS/ACS/HVAC).



PROJECTS : Division applies its transversal skills on **ICT Solutions** offering integrated platform for different schemes: App, Learning Management Systems (Moodle), Document Management Systems (EMC Documentum, etc), Corporate tubes and Video Management Systems (Kaltura), NAS/SAN with ZFS/RAIDZ technology, Web Design and Multisite technology (LifeRay), on field training and *blended* learning on Railways Signalling systems, Power Management Systems, Industrial Automation, Specific Security topics. Virtualization, Firewalling.

Besides "institutional" task performed by LVS, security skills of certified engineer team on automation systems leads Division into more transversal filed of consultancy : Penetration Testing, Risk analysis, Vulnerability Assessment, Information Security Management System" (ISMS) **ISO-IEC 27001:2006** drafting, Cyber Security, Customer support in the evaluation of the safety aspects of the data protection such as availability, integrity, confidentiality with their implementation plans and the definition of security requirements.