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Small & Medium Enterprises Consortium SIIT-PMI

The Consortium enterprises offer a series of services and products, aggregated into "Lines of Product" reported to a same basic typology. The lines of product imply an offer of specific products that are the intellectual patrimony of the single firms. The realization of SW and HW systems and products that generates such offer imply in turn aggregated capabilities of **Analysis, Design/Personalization, Development, Production** and **Post-sale Assistance** of the commercialized products.

Internazionalizzazione Support Channels



Support to Internationalization projects of District Enterprises and groups of Enterprises

Liguria International

Regional enterprise, for the external promotion of the productive system of Region Liguria

Casa Liguria, Bruxelles

Support to project presentation and fund acquisition from European institutions

✓ **Italian Institutions supporting and offering credit to export activities (CCIAA, SACE, SIMEST, ICE, ...)**

✓ **Italian Credit Institutions and Banks active in the *target Countries*.**



Small & Medium Enterprises Consortium SIIT-PMI

SIIT-PMI Consortium

Founded in Genoa on July 2006

Associates: 68 Small & Medium Enterprises

Turnover	Enterprises	Working People
< 1 Million	38	220
1-10 Million	25	769
> 10 Million	5	511



SIIT-PMI working people: 1500
Global Business volume: 180 Million €



Small & Medium Enterprises Consortium SIIT-PMI

Associates

1 ABIRK ITALIA SRL	25 ESACONTROL SRL	49 IRIS SRL	73 SCIROIDEA SPA
2 ABO DATA SRL	26 ETT Srl	50 IROI SRL	74 SELESTA INGEGNERIA SPA
3 ACCENT SPA	27 F.O.S. SRL	51 I.T.S. INTERNATIONAL	75 SELMAR SRL
4 AITEK SPA	28 FINSA CONSULTING SRL	TECHNOLOGY & SERVICE Srl	76 SI.EL.CO. SPA
5 BK SRL	29 GENOA FIELDBUS	52 ITSOLUZIONI SRL	77 SI.GE.CO. SRL
6 BEE SOLUTIONS SRL	COMPETENCE CENTRE	53 LEN SRL	78 SIS SRL INFORMATICA E SISTEMI
7 CAMELOT Biomedical Systems SRL	30 GENOVA ROBOT SRL	54 LEONARDO SISTEMI INTEGRATI Srl	79 SISTEMI DIGITALI SRL
8 CANOVA TECH SRL	31 GRAAL TECH SRL	55 LIGURIA CONSULTING SOLUTIONS Srl	80 SITEM SRL
9 CAP SPA	32 GRUPPO SIGLA SRL	56 MANTERO SISTEMI SRL	81 SITEP ITALIA SPA
10 CAP Research SRL	33 GTER SRL	57 MAST SRL	82 SOFTECO SISMAT Srl
11 CELIN S.R.L.	34 HERON SRL	58 MEDSERVICE.COM SRL	83 SPIN-WAVE SRL
12 C&C SISTEMI SRL	35 HYLA SOFT SPA	59 MEDICTECK SRL	84 STAM SRL
13 CLEIS SECURITY SRL	36 HORIZONS SRL	60 MONTALBANO TECHNOLOGY SPA	85 S.T.I.A. CONSORZIO
14 CLEIS TECH SRL	37 HG SRL	61 NACON SRL	86 SY.O. System and Organization Srl
15 CLICK & FIND SRL	38 HUB TELEMATICA SCARL	62 NETWORK INTEGRATION	87 TAU LOGIC SRL
16 DARTS ENGINEERING SRL	39 IB SRL	AND SOLUTIONS SRL	88 T BRIDGE SPA
17 DCI LAB SRL	40 IBR SISTEMI SRL	63 NEXTAGE SRL	89 TECHCOM SRL
18 DEM SRL	41 IESOLUTIONS SRL	64 OMEGA SRL	90 TECHFIN SRL
19 D.G.S. SPA	42 IFM INFOMASTER SPA	65 ON AIR SRL	91 TECHNIMOLD SERVIZI SRL
20 DOTVOCAL SRL	43 IMAVIS SRL	66 PARAMED SRL	92 TECHNOAWARE SRL
21 EDISOFTWARE SRL	44 IMPARA SRL	67 PEGASO SYSTEMS Srl	93 TELEROBOT SRL
22 ELETTRONICA MELARA SRL	45 INFOCOM SRL	68 PHASE MOTION CONTROL SRL	94 TERMEX SRL
23 ELSEL SRL	46 INSIS SPA	69 PROMETHEUS SRL	95 TLS EUROPE SRL
24 EMC SRL	47 INTERCONSULTING SRL	70 RGM SPA	96 TP SRL
	48 I.LOG Iniziative Logistiche SRL	71 R.G.M.D. SPA	
		72 SCALAB SRL	

Industrial Research Thematic Lines

1. Infomobility
2. Security
3. Automation
4. Health
5. Complex Organizations
6. Energy

for partnership & collaborations in international R&D projects

Infomobility

- traffic control and management
- automated container material handling
- dynamic navigation information systems
- vehicle control systems
- security systems
- infrastructure (intermodal centers, logistic warehouses, distribution centers)

Security

- Infrastructures: railway stations, airports, ports, urban areas, buildings.
- Access controlled sites: embassies, institutional headquarters, stadii, exhibitions.
- Critical infrastructures: power plants railwais, roads networks, electrical grid, oil/water pipelines, communication networks.
- Video-Surveillance: integrated Hw and Sw Video-Surveillance and Video Monitoring Systems.
- Alarm Centralization Systems
 - for prevention of environmental risks
 - for access control in port areas
 - for monitoring of industrial/commercial/residential buildings & sites
- Access Control:
 - integrated Hw and Sw Access Control Systems and components
 - perimeter, cargo and vehicles,airports, waterside
 - crisis Room for information collection and decision support
- systems Physical Security Systems Integration
 - biometric Identification Systems (HW&SW)
- Time and Attendance: integrated Time and Attendance Systems and components

Automation

- Distributed & modular automation for robotic interactive systems
- machine-to-machine communications infrastructure & protocols
- development of "knowledge intensive" instead of "recourses intensive" industrial systems
- wireless sensor networks
- communication centric automation systems, pervasive internet & computing
- self-management, self supervision & autorecovery
- plant service automation
- autonomous under-water vehicles
- transportation systems

Health

The experience of the SIIT-PMI in the health sector includes applications for management and control of complex sanitary structures and services to the citizens (E-Health applications) and diagnostic devices.

- Information systems for hospitals and health-care structures.
- System life-cycle development, from planning to starting-up; functionalities cover all the activities and Departments connected to the care of patients, such as: acceptance and dismissal, first aid, wards, surgeries, operating rooms, laboratories.
- Services to the citizens (E-Health): management of bookings (Unified Bookings Center), management and monitoring of sanitary performances, management of sanitary Registries, patient electronic clinical record files, network access control, emergency management, reporting
- Biomedical devices: diagnostic applications of MRI and ultrasounds



Complex Organizations

- Virtual enterprises
- Workflow management
- Productivity organization
- Information security
- Web solutions for public applications
- E-learning applications
- Teleworking in public institutions
- Civic networks
- Information systems to support decision making (management control, strategic planning, financial flows monitoring)

Energy

- Innovative systems for monitoring, diagnosis and control
- Support systems for user-process interaction
- Process modeling e simulation
- Production & Distribution
- Monitoring & Diagnosis
- Plant protection
- Hydrogeologic
- Marine

Markets

- 1. Environment & Territory**
- 2. Biomedics**
- 3. Production Control**
- 4. Energy**
- 5. Logistic, Transportation & Infomobility**
- 6. Robotics, Mechatronics & General Electronics**
- 7. Security**
- 8. General ICT Technologies**
- 9. Health-care ICT Applications**
- 10. Artificial Intelligence & Knowledge Management**
- 11. Digital Multimediality & Computer Vision**

Environment & Territory

Information systems and ICT applications supporting structured approaches to environmental and territorial management problems:

- *territory planning and management*
- *planning of emergency services (civil protection)*
- *tourism information systems (at regional level)*
- *platforms for urban waste collection planning and management*

Biomedics

Biomedical systems and devices:

- *SW applications and integrated biomedical design*
- *Electro-medical imaging and remote diagnosis management technologies*

Production Control

Integrated SW and HW systems for Production Progress Control and Production Resource Management:

- *SW applications and HW components for Production Control Systems*
- *production resource utilization integrated planning*
- *production scheduling*
- *production progress control*
- *resource monitoring*

Energy

- Management of the offering, selling and buying process on the liberalized market of energy (Energy & Gas Retail)
- SCADA & Energy automation applications:
 - power plant supervision
 - remote meter reading
 - oil platform monitoring
 - electric networks remote control

Logistic, Transportation & Infomobility

SW applications, HW devices and integrated systems for goods and people transportation and Infomobility:

- *traffic technology, road network control, road traffic information management*
- *information systems for urban and regional public transportation management*
- *railroad and metropolitan transportation intelligent systems, infrastructures and vehicles*
- *routing localization and certification services*
- *electronic ticketing*
- *RFID applications of and biometric recognition techniques*
- *in-vehicle HW and SW applications (for goods and people flexible transportation)*

Robotics, Mechatronics & General Electronics

High-tech design and production know-how and technologies:

- *robotic design*
- *high quality electronic production technologies*
- *precision mechanics applied to robotic and mechatronic manufacturing*

Security

Integrated HW and SW Security Systems:

- SW applications and HW components for Access Control Systems on a geographical and/or local scale*
- Design and realization of integrated video-surveillance and video monitoring systems*
- Integration among security systems (access control, video-surveillance, anti-intrusion, alarm management)*
- Time-and-attendance systems interfacing*
- Design and realization of vehicular on-board security and monitoring systems*

General ICT Technologies

ICT and Internet applications:

- Information systems and databases*
- Platforms and programming environments*
- Object-oriented techniques for the design and implementation of information systems in real-time environments, embedded (based on the PC/104 standard), relational and 3-Tier*
- Grid-Computing methodologies*
- Web sites and complex Internet portals on various technological platforms*
- E-learning services for work, instruction and training, civil protection.*

Health-Care ICT Applications

ICT applications for public and private health care service management:

- *Territorial and hospital-based health care service automation*
- *General medical services, home assistance, laboratory services, health emergency, booking services, technical and administrative reporting automation*
- *Hospital internal activity management*
- *Health-related registry management (assisted persons, generic and specialist doctor lists etc.)*
- *Related ICT activities (databases and related updating, web sites, portals, networks)*

Artificial Intelligence & Knowledge Management

- management of centralized registries for providing services to the citizen
- management of cultural assets (library catalogues, inventories/catalogues of cultural assets)
- management of labour and employment problems
- E-procurement by Public Corporate bodies
- Realization technologies and management of Call Centres and Contact Centres
- SW applications for system management on either geographical or local scale
- Embedded systems for military applications
- Knowledge Management systems and tools.

Digital Multimediality & Computer Vision

Digital Multimediality:

- multi-medial product realization technologies*
- management, distribution and use of network multi-medial contents*

Computer Vision:

- digital video system technology*
- video surveillance and monitoring*
- moving vehicle plate recognition*
- video data processing and communication*
- retina emulation*

Offer [1/4]

<p>SW & HW systems and products realization</p>	<ul style="list-style-type: none"> •Analysis •Customization •Development •Production •Post-sale Assistance
<p>Consultancy</p>	<ul style="list-style-type: none"> •Technological consultancy •Application consultancy •Know how transfer
<p>Partnership in innovation and development projects</p>	<ul style="list-style-type: none"> •Concept definition •Preparation •Acquisition •Coordination •Realization in trans-national partnership

E-government	School and Professional training	<ul style="list-style-type: none"> •School and Professional training portal •E-learning systems •Student Registry
	Job search and allocation	<ul style="list-style-type: none"> •Jobs search portals •Job proposal management services •Job search orienting tools
	Services to the enterprises	<ul style="list-style-type: none"> •Portals for managing and assisting public services •Public procurement management services •Telematic assistance assistance to agricultural enterprises
	Leisure time and culture	<ul style="list-style-type: none"> •Turism and cultural and activity portals •Turism databanks •Cultural items catalogue
Utilities	<ul style="list-style-type: none"> •Vertical management systems for utilities distributions networks (Sensors, Signal treatment, Monitoring) •Software applications for the liberalized market of the utilities 	

<p>E-health</p>	<ul style="list-style-type: none"> •Portals and access tools to the sanitary services •Applications of health governance •Sanitary registries and data banks
<p>Security</p>	<ul style="list-style-type: none"> •Integrated systems for the physical security of areas and buildings •Access control systems •Biometric identification systems •Secure systems of data treatment and communication •Monitoring networks for security
<p>Environment and Territory</p>	<ul style="list-style-type: none"> •Territorial information systems •Environment and territorial control and management systems and sensors •Meteorological information systems •Signal treatment •Monitoring Networks

**Mobility
&
Logistics**

- Urban traffic analysis
- Intermodal traffic control systems
- Regional and national road networks monitoring systems
- Registry of road and parkings
- Videosystems for the automatic survey of accidents
- Control systems public transport fleet management
- On-demand public transport services 'management systems
- Parking areas control and management systems
- Limited traffic zones traffic systems
- Systems for the survey of polluting factories
- Control systems for dangerous commodities ' transport
- Advanced systems for commodities distribution in city areas
- Users information systems
- Electronic ticketing systems
- Telematic systems for transport timetables



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