



Temix SpA
Corso Michelangelo Buonarroti 61B
95039 Trecastagni CT - ITALY -
tel. +39 0957802811
fax +39 0957802850
info@temix.it
www.temix.it



THE COMPANY

Our mission ... a passionate desire to allow our customers easy communications everywhere....

The convergence of unique communication platforms accessible from anywhere, from any terminal, is becoming a concrete model and a great growth opportunity. Temix has identified this scenario and it is one of the principal suppliers of innovative solutions for integrated, safe and reliable communications.

Temix is an Italian Company in the telecommunications industry, supplying communications technology for Satellite, Wireless Networks and ICT infrastructure.

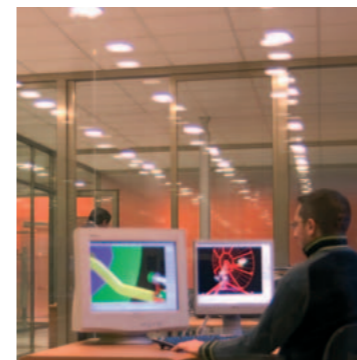
Temix is leading the telecommunications market, with its own technical, engineering and support expertise. The Company is totally focused on innovative communications systems, and the key points of the company's mission are excellence, flexibility, integrity and friendliness towards all customers, partners and suppliers. Although we are continually expanding we are determined to maintain the human approach.

Founded in 2003 from an idea of the current management team, Temix has earned a leading position, thanks to a technology mix and strategic market view which allows it to undertake ambitious challenges.

With a technological know-how based on worldwide direct experience in satellite, wireless and ICT applications partnered with research and development potential, Temix is able to develop innovative telecommunications systems in a very short time.



COMPANY ORGANIZATION



Temix's organization is based on three strategic divisions with transversal capabilities, necessary to propose high technological and innovative solutions.

ICT

The ICT division, whose team shows consolidated experience in complex network communications planning and deployment, is in a position to propose extremely professional solutions in Telecommunications, Energy and Transport fields.

In this way, we truly want to satisfy specific demands of private and public customers that require "state of the art" technology.

WIRELESS

The Wireless division is active in the development of analogue and digital radio solutions, focusing on last generation standard wireless.

The capabilities of this division embrace the entire range of skills that go from hardware and software planning up to the prototype.

SATCOM

The Satcom division holds all the main skills in the designing and development of Satellite Communications Systems and equipment. With our expertise in RF and Microwaves, the Satcom division is involved in designing, manufacturing and commissioning large and medium ESA, VSAT, Flyaway and vehicle mounted SNG for GEO and LEO satellites, using cost/effective solutions for Broadcasters, Carriers, Service Providers and the Army.

Temix develops "full turn key" solutions, integrating various kinds of technology, available on the market as well as developed by Temix.



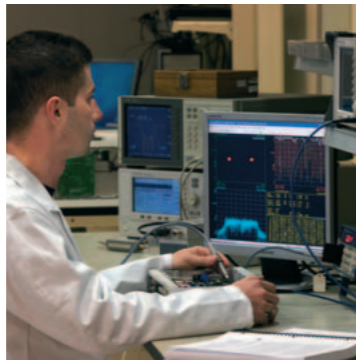
ICT DIVISION

WIRELESS DIVISION

SATCOM DIVISION

R&D

CAPABILITY RESOURCE



With a consolidated experience in Information & Communication Technology, matured mainly on IP-Based platforms by important enterprises, operating in the areas of Health, Public Administration, Transport, Energy, Carriers and TLC Service Providers, Temix is able to guarantee the entire life cycle of the solutions proposals, across services that range from the analysis of feasibility through to planning and implementation, up to proactive and evolutionary assistance.

Temix designs and produces a wide range of Wireless innovative solutions for typical needs in many sectors such as energy, transport, broadcasting, telecommunications, agriculture, health and safety. Temix is deeply involved in the developing of many projects based on latest generation wireless standards such as IEEE802.15.4ZigBe, IEEE 802.11xWiFi, ETSI300 652 HiperLAN, ETS 300 836 HiperLAN/2, IEEE 802.16x WiMAX, and at the moment are working on R&D in IEEE 802.13 UWB, ETSI Hiperlink and IEEE 802.20 MoFi preliminary studies.

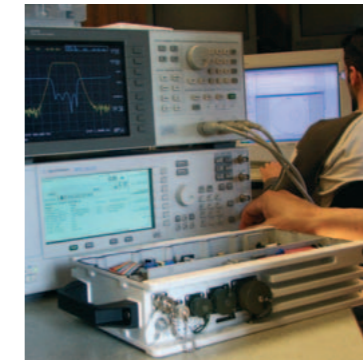
Wireless Design Capability

Temix Wireless Team has more than a decade of proven experience in antenna and RF design. They can provide customized solutions that are at the forefront of technology. Combining the most advanced design tools with our in-house prototyping, testing and production facilities, Temix provides the full range of engineering services from concept evaluation, initial design and prototyping up to complete manufacture of the final product. The areas of expertise cover the frequency range from DC up to 50 GHz.

Main applications are:
Short-Range Communications Systems (SRC)
Radio Frequency Identification Systems (RFID)
Remote Control Device (AMR, SCADA)
Private Mobile Radios (PMR)
Broadband Wireless Communications Systems (BWA)

Temix is a world-leading supplier of mobile satellite communications systems enabling services for broadband applications. It is able to deliver complex Satellite turn-key projects and elegant solutions, with compact and quickly-on-air satellite terminals for live transmission of video, data, internet and voice contents from anywhere in the world, for government and commercial customers on time and on budget.

As well as providing stand-alone systems we provide complete VSAT network solutions and E.S.A. Class uplink stations.



Temix's R&D is a multi-disciplinary Research and Development team that is quite different from its competitors. It offers customers much more than just Antenna, Microwave and RF Design expertise. By leveraging the knowledge of other departments, it is able to provide customers with a complete solution from baseband processing right up to the RF front-end. At Temix, R&D knowledge is our most valuable asset. We are constantly building on our technology know-how. This leading-edge technology innovation is further consolidated through participation in research activities funded by the European Commission (EC).

Temix's Antenna and RF Design staff develops analogue circuits for RF and microwave applications. Temix is not only experienced in providing outstanding RF designs, but is also competent in the other components of a communication system, such as baseband processing, antennas and the propagation medium. This allows us to provide the best solution, both in terms of performances and cost. The same team develops antennas for mobile, fixed wireless and satcom applications. Traditional antennas such as monopoles, dipoles and patches are unable to meet the requirements of modern, highly demanding communications systems. As a result, there is the need for alternative approaches to antenna design. Temix uses its technology and its application-driven expertise as a basis for designing antennas that are unique and customised to the task.

Temix facilities include in-house design and manufacturing of carbon fiber parts and other special composite materials, together with the most advanced tools for high precision surface and dimensional measurements.



CUSTOMERS AND USERS

CUSTOMERS

Amtec
 Compunet
 Comtelsat De Mexico
 DIEM Technologies
 Elettrosfema
 EMICOM
 Enagas - Q8
 ESA - European Space Agency
 Globcast Italia
 I.N.G.V.
 Istituto Nazionale di Geofisica e Vulcanologia
 Image Unlimited
 INTEL Italia
 Italtel
 NEXTIRAONE
 Odasiljaci I Veze - HRT Croazia
 PALS - Turchia
 Paradox Engineering
 RAI - Radio Televisione Italiana
 Sematron Italia
 Techno System
 TECNOTEL
 Telecom Italia
 Telecontrolli
 Telereading
 TV9-Mongolia
 Ultra Serve Asia Ltd
 Videobank
 Vitrociset
 Zucchetti

USERS

Alcatel
 Alenia Spazio
 C.I.R.A.
 Elsas Security
 ENAV - Ente Nazionale Assistenza al Volo
 Gruppo Franza
 STMicroelectronics
 Ministero della Difesa Italiano - Army
 Onstore
 Telespazio
 Total
 Trenitalia
 TURKSAT
 Vodafone Italia
 Wind Telecomunicazioni



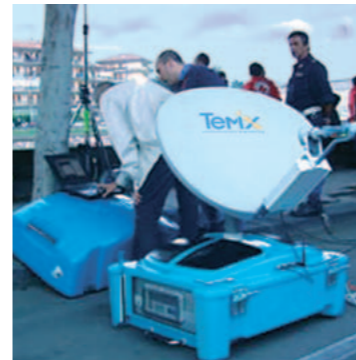
KEY APPLICATIONS

MONTE ROSA

Rifugio "Margherita" Alagna Valsesia
Italy - 21-28 July 2005

Temix, a leading company in the development of Mobile Wireless and Satcom solutions in the role of Technological Partner, with INTEL Corp. provided the communications technology platform for the scientific expedition on Monte Rosa organized by Prof. Parati of the Bicocca University, Milan, Italian Auxologic Institute and FOCUS magazine. The expedition left on July 22nd from Alagna Valsesia for the "Capanna Margherita" alpine hut at 4,559 mt altitude where they stayed until July 28th. During the journey on foot and their stay in the alpine hut all the members of the expedition, technicians and cavies were monitored by special sensors for the acquisition of biological parameters. Besides this, the technicians and scientists communicated with the scientific community using a new generation satellite broad band access able to manage the most advanced multimedia services available today in terrestrial networks.

more information:
www.intel.com/cd/corporate/pressroom/EMEA/ita/235039.htm
www.focus.it/Salute/speciale/Scienza_sul_Monte_Rosa.aspx



EUROSOT 2005

Acireale Catania
Italy - 14-16 October 2005

Temix, confirming its position of Leading Technological Partner in its commitment to missions in extreme environmental conditions, was involved in the EUROSOT 2005 Civil Protection Manoeuvre providing the technological support concerning the Communication Platform between the Working Area located in Acireale and the headquarters of the Civil Protection "Search and Rescue" located in Sant'Agata Li Battiati and Rome. For this purpose the extreme reliability of Temix's Portable Satellite Terminal EasyFLYSAT guaranteed connection with the headquarters in Sant'Agata Li Battiati and Rome where people could direct the camera to follow all the phases of the Search and Rescue activities managing in real time the coordination of the aid.



ESA - European Space Agency

Rotterdam
The Netherlands - 3 October 2007

Temix has shown EasyFLYSAT capability during the European exercitations organized, in Rotterdam, in conjunction with the Minister of the Interior, Rotterdam Port Authority, Civil Defence and Fire & Rescue and ESA European Space Agency. ESA has in fact been working for years defining a civil defence first aid telecommunications platform jointly with several European companies including Temix. Under this viewpoint, ESA is involved into promote the technologies that can make this disaster reaction system reliable, fast deployable and efficient. The use of two EasyFLYSAT terminals taken to the site of the first rescue units was decisive for co-ordination between the Ministry of the Interior and the Port Authority crisis operations rooms. In fact, through video connections activated via satellite using EasyFLYSAT terminals the operations rooms could monitor the progress of the crisis in real time, co-ordinating and organizing the rescue services efficiently. All of this

thanks also to the continuous connection with the ESA, the European Space Agency, telecommunications platform of which made available the whole emergency telecommunications infrastructure. The advanced DVB-RCS Platform delivered from Alcatel Alenia Space to ESA created the conditions to appreciate the great potential of the EasyFLYSAT System. In fact the IP nature of the Temix platform made it possible to integrate in a very short time the terminal with the Alcatel Alenia Space DVB-RCS HUB. Specially when it is in integrated in an EasyLINK network, EasyFLYSAT can connect wirelessly many remote sites, with full duplex communication also in NLOS conditions, and link them via satellite to any part of the world. The success of the project has pushed ESA to involve Temix in future development of EasyFLYSAT technology, in order to meet future requirements of specific applications.