

## PERSONAL INFORMATION

## Giovanni Nicolai



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Sex Male | Date of birth 04/06/1952 | Nationality Italian

JOB APPLIED FOR  
POSITION  
PREFERRED JOB  
STUDIES APPLIED FOR

Program and Project Management  
Manager  
Satellite System Engineering of Complex Project  
Management of Technical and Financial aspects

## WORK EXPERIENCE

2013-2014

Member of the Complex System Commission of the Engineers Association of Rome

Since January 2013 to nowadays

Elital srl: I currently work for Elital Ltd. as Chief of Military Research Programs for avionic satcom terminal development

May 2011 -December 2012

Information Technologies Services ITS: Responsible of Programs and Technical Director of Ground Segment Engineering. Involved in the consultancy contract for Saudi Arabia (KACST) for the provision of a Ka domestic satellite.

October 2007

Space to Earth Technology as Technical and Operational Director. Responsible for the Implementation of the largest satellite military network in Europe (4.000 vsat terminals) for the Italian Ministry of Defense on behalf of the "Arma dei Carabinieri". This Military Project is named Armasat and works with Eurobird 3 satellite (Ku Bw) and with Sicral B satellite (Ka-EHF Bw) utilizing DVB RCS technologies. Within the mentioned Armasat Program, also responsible for the training/tutoring of the technical staff and of the preparation of the relevant training implementation files. The Armasat Network Deployment has been completed in July 2010 after having installed 3400 Vsat Ku (12-12 GHz) Stations and 300 Vsat EHF (20-44 GHz) Stations.

September 2006-September 2007

Esset srl as CEO. Responsible for the development of Wireless Control Network of Public Lighting Systems carrying WiFi meshed coverages.

July 2002-August 2006

AerSat SpA. Executive Managing Director. Implementation of the Skylogic Teleport 1 in Turin (2003-2004). Skylogic Teleport 2 Feasibility Project year end 2004. Feasibility Project for ASI for security and emergency communications with Alenia Spazio and Telespazio (as prime contractor) in 2004. Implementation of Uplinks for Eutelsat (2004).

March 2002-July 2002

Blusat SpA Technical Director (CTO). Armasat Network Architecture Design for the Ministry of Defense

Mid Nov 1997-March 2002

Elsacom Spa. Technical and Operational Director of Fixed Satellite Services Dept for Multimedia applications with the worldwide diffusion of IP/TCP and multicast protocols.

Nov 1995-Mid Nov 1997

MAC Alenia Marconi Communications marketing activities responsible in Iran, China, Russia for business & product development.

1994- October 1995

MAC Alenia Marconi Communications BU Satellite Communications. Project Manager of the Italsat Ground Phase 2 and SICRAL Ground Segment (Italian Military System for World-wide

Satellite Communications in UHF, SHF and EHF bandwidth).

- 1989-1994** Alenia Spazio. Project Manager of the Italsat Ground Segment Phase 1 (system using Ka band frequencies 20/30 GHz, TDMA access and satellite switching).
- 1986-1989** Italcable. Satcom Responsible for the ITALCABLE "Intelligent Network" Project. (Cuba, Kuwait, etc.).
- 1987-1988** Italcable Saudi Arabia. Consultancy contract awarded to ITALCABLE by MOPTT (Ministry Of PTT of Saudi Arabia) for the Acceptance of Long Distance Telecom Network Implementations for Cables, Radio Systems and Satellite Earth Station Complexes. Resident in Saudi Arabia four two years as Senior Consultant for Satellite Communications. Initially in Riyadh to finalize the system specifications for the introduction of new digital satellite systems then in Jeddah to accept and operate the Satellite Earth Station Complex contract (Standard A IOR & AOR, Inmarsat and Arabsat) awarded to ATT International by MOPTT. Personal Certification of Merit for the work done on the behalf of MOPTT and Sauditel.
- 1985-1986** Marconi Italiana. System Project Responsible for the Italian Telecom companies and Italian Broadcaster RAI.
- 1981-1985** Telespazio. Operating Department for Satellite Digital Systems (TDMA, IDR, Spread Spectrum, etc.). Membership of International Working Groups Eutelsat and Intelsat for the standardization of digital communications systems via satellite.
- 1980-1981** Marconi Italiana. System Engineer - Specialization in England Marconi - Saint Albans.

## EDUCATION AND TRAINING

- 1979** 1979. State Graduation for the ability to perform the Profession of Engineer in all engineering fields in Italy 108/120. Membership of the "Engineers Association of Rome" n° 18117.
- 1972-1978** University Degree in Electronic & Telecommunication Engineering 108/110 obtained in the University of Rome.

## PERSONAL SKILLS

Swimming - Skiing - Mountains Walker

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	X	X	X	X	X

**Communication skills** Good communication skills gained through my experience as Program and Project management and CEO of Aersat and Esset

**Organisational / managerial skills** 35 years of experience in telecommunication projects mainly spent in Finmeccanica companies. Flexibility for new experiences. Large and extensive experience in Program Management for Complex Projects in several sectors:  
 Technical Mgmt: Specifications, Design and implementation  
 Manpower Mgmt: Resource Management  
 Program Mgmt: Organizational and Planning Capability and Critical Situation Solving.  
 Satellite and Terrestrial TLC Networks Design and Implementation.

Job-related skills	Several specialization's in Voice and Data Telecommunication Networks, Digital Switching Systems, Fiber Optic Systems, Radio Relay Systems, Antenna Systems, Satellite Systems, TDMA Systems, IP Networks, Mobile Communications, etc. obtained in primary Telecommunications Institutes like "Scuola Superiore Reiss Romoli Aquila - Italy", Marconi Comms Chelmsford -England, Comsat Gaithersburg -USA, etc.
Computer skills	MS Office-Visio-ACAD-Android etc
Other skills	Building structural design
Driving licence	Driving licence category B

#### ADDITIONAL INFORMATION

Publications	Author of several international publications (available on request) on Intelsat, Eutelsat, Italcable, Alenia Spazio and ESA Technical Reviews; Ka
Presentations	Conferences 2003, 2004, 2005, 2006
Projects	Author of Technical Handbooks on Satellite Telecommunication - Earth
Conferences	Station Engineering.
Seminars	Professor Assistant at University of Bologna (2002-2003): lectures in
Honours and awards	Telecommunication Systems via Satellite link (fixed and mobile)
Memberships	Professor Assistant at 2ndUniversity of Rome Tor vergata (2003-2004):
References	lectures in DAMA-SCPC, DVB-RCS and digital modulation technologies