



PERSONAL INFORMATION

GIOVANNI NICOLAI



 Rome, - Italy

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skype

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

PREFERRED JOB POSITIONS

Procurement Manager for IT Complex Networks  
 Management of Technical and Financial aspects  
 Program and Project Management  
 Satellite System Engineering Manager of Complex Project

WORK EXPERIENCE  
 Managerial Skills

40 years of experience in telecommunication projects mainly spent in Finmeccanica companies. Large and extensive experience in Program Management for Complex Projects in several sectors:

- > Procurement Mgmt: Systems and Equipment Procurement Director for IT Networks and Satellite Complex Projects (Italsat, SICRAL, Armasat, etc)
- > Technical Mgmt: Specifications, Design and implementation for IT and Satellite Networks
- > Program Mgmt: Organizational and Planning
- > Manpower Mgmt: Resource Management
- > Capability and Critical Situation Solving
- > Satellite and Terrestrial TLC Networks Design and Implementation
- > CEO of Inritel, Aersat and Esset
- > CTO of MAC, Elsacom, Optowave, Aersat, Esset, Space to Earth Technology, Inritel

May 2017-Nowdays

**President** of the Aerospace Commission of the **Engineers Association of Rome Italy**

April to May 2017

**Expert** EU Commission Compet 2 (2016) and Compet 3 (2017) respectively for the proposal evaluation of GEO Payloads new technologies and of Smallsat Payloads and Ground Segment Technologies

November 2016 - Nowdays

**Free Consultant** on Future Satellite Generations and Technologies

October 2018 -September 2022

**Program Manager Italspazio** for the Study and Provision of Nanosat Constellation named Aramis (phase 1 and 2) for Teledife (Dept of Italian Ministry of Defense) for ELINT applications

2017-2022

**Program Manager Elital** for the EMERGE Automotive Program (SOTM system and Airborne SatelliteTerminal) and Fasenet Program for the use of Athena Fidus in emergency situations

January 2013 to October 2016

**Elital srl:** Elital srl. as Chief of Military Research and Implementation Programs for ASI, Leonardo/Selex and AirBus. Program/Project Manager of Avionic Satcom Antenna in Ka/EHF bands for Italian .Ministry of Defence (MoD).

May 2011 to-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 to April 2011

**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 to September 2007

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

Mid July 2002 to 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 to Mid July 2002

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

Mid Nov 1997 to February 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.

November 1995 to Mid Nov 1997

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

April 1994 to 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).

June 1989 to March 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).

May 1986 to May 1989

May 1987- October 1988

**Italcable**. Satcom Responsible for the ITALCABLE "Intelligent Network" Project. (Cuba, Kuwait, etc.).

**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.

April 1985 to April 1986

**Marconi Italiana**. System Project Responsible for the Italian Telecom companies and Italian Broadcaster RAI.

May 1981 to March 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.

April 1980 to April 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 since 1995.

1972-1978

University Degree in Electronic & Telecommunication Engineering 108/110 obtained in the University of Rome "La Sapienza".

## JOB-RELATED SKILLS

Several specializations 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.

## ADDITIONAL INFORMATION

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Publications	Author of several international publications (available on request) on Intelsat, Eutelsat, Italcable, Alenia Spazio and ESA Technical Reviews; International Publications on <b>Ka Conferences 2003, 2004, 2005, 2006, 2014, 2015</b> ; Author of several publications on " <b>Ordine Ingegneri Roma Technical Review</b> " <b>2017-2020</b> .
Presentations	Author of Technical Handbooks on <b>Satellite Telecommunication - Earth Station Engineering</b> (2017) and <b>Access and Exploitation of the Low Earth Orbit</b> (2019) (Aracne Editrice)
Projects	Temporary Assistant at University of Bologna (2002-2003) and at 2 <sup>nd</sup> University of Rome Tor Vergata (2003-2004): lectures in Satellite Telecommunication Systems (fixed and mobile) and DAMA-SCPC, DVB-RCS and digital modulation technologies
Conferences	
Seminars	
Honours and awards	
Memberships	
References	