



| Telecom Integration Division - Divisione Integrazione delle Telecomunicazioni |



TELECOM



In **ECISGROUP** we believe in our continuous improvement of performance and in customer satisfaction. Our vision is to become the market leader by providing engineered turnkey systems to the Oil&Gas and Power market, offering performance, productivity and efficiency.

Our facilities in Milan, at the heart of the Italian industrial region, are provided with "state-of-the-art" equipments for complete design, fabrication and in-house testing.

- 1980 **CHEMIT**
- 1990 **ECIS**
- 1999 **E&C**

In 2007, after several years of cooperation between, **CHEMIT**, **ECIS** and **E&C** that shared a common business experience at international level, the Management decided to accept a new challenge for the developing market - *incorporate all three companies in a new holding, under the name ECISGROUP.*

In 2008 another goal was achieved: **ECISGROUP** moved to new premises and changed its legal status to **ECISGROUP S.p.A.** presenting a new image on the Italian and international markets.

Key drivers

ECISGROUP "Telecom Integration Division" reality is found on the following characteristics, which have been fully and certainly appreciated by our Customers, that are:

The professionalism of the Telecom Team, formed by ICT/IT and Security Specialists with more than 30 years of R&D, Engineering, Development and Construction experience, having the capability to:

- Understand and translate user's requirements in proficient system's functionalities considering the overall impact on the Plant Operation with particular attention to the personnel and human behaviour;
- Design and optimize any Telecom System Architecture;
- Minimize and optimize Field and Central Equipment Components;
- Priorities the overall System Integration, minimizing and optimizing the Operational and Maintenance consequences;
- Coordinate and manage a considerable and reputable Vendor's List;
- Coordinate different EPC Contractors since the Detail Engineering phase with the aim to grant all necessary Telecom pre-disposition facilities.

The **ECISGROUP** H.Q. corporate support for:

- Low Level or detail Engineering
- Procurement, (Purchasing) and Vendor's follow up
- Construction (use of the factory and the field / mobile workshops)
- Quality and HSE department and expertise
- Project Management facilities
- Logistics / Finance and HR support
- Growing International Agents Network and overseas logistics support



**OUR QUALITY
IS GUARANTEED
SINCE 1996**

TELECOM INTEGRATION

Telecom Integration

offerings:

Telecom Infrastructures	Voice, Data and Video Communication	Safety & Security	Entertainment Package	Auxiliary Utility Systems
<ul style="list-style-type: none"> Copper F.O.C. Back Bone Radio Antennas Satellite Antennas 	<ul style="list-style-type: none"> Telephone (voice) Local Area Network Wide Area Network Radios Line of Sight Back-up 	<ul style="list-style-type: none"> PA/GA INTERCOM Intrusion Detection Access Control Close Circuit TV 	<ul style="list-style-type: none"> CATV & Satellite Receiving system TV, Video and Audio Diffusion Multimedia Information Distribution Auditorium & Theatre Turnkey Equipments Gymnasium Recreation Rooms Equipments 	<ul style="list-style-type: none"> Meteo System Avio & Marine Radio Non Directional Beacon [NDB] Marine Mooring Process CCTV



TELECOM INTEGRATION

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Telecommunication

Telecom Infrastructures, Voice, Data and Video Communication

- Structured Cabling Systems
- PABX, Voice and Data Network
- Local and Wide Area Network
- SDH and High Speed Fibre Network
- VSAT Backup Communication Sys.
- Mobile Trunk Radio Systems
- Marine and Aviation Radio Networks
- LOS (Line Of Sight)



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Safety & Security

Safety & Operational Package

- Paging & Alarm System
- Intercom Communication
- Hot Telephone Lines

Security Package

- Fence and Perimeter Control
- Intrusion Detection
- Close Circuit Television
- Access Control
- Biometric and eye recognition
- System Integration
- Etc.

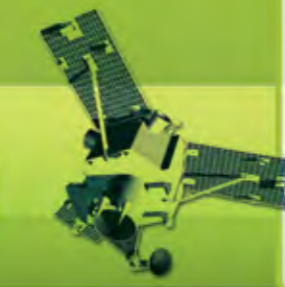


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Entertainment

Entertainment Package

- CATV & Satellite Receiving system
- TV, Video and Audio Diffusion
- Multimedia Information Distribution
- Auditorium & Theatre Turnkey Equipments
- Gymnasium
- Recreation Rooms Equipments



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Auxiliary Utility Systems

Process CCTV

- Furnaces or boilers high temperature internal Vision with periscope solutions for temperature up to 2000°, cooled housing in special steel and automatic retraction device.
- High temperature overlook vision with cooled housing and automatic porthole device
- Hazardous area video control system
- Verify Various treatment processes

- Avio & Marine Radio
- Non Directional Beacon
- Marine Mooring
- Helicopter Landing Sys.
- Meteorological Stations
- Vehicles, Fleet Localization
- Etc.

TELECOM INTEGRATION

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Engineering Services

- **Project Management Services/Consultancies**
 - Feasibility Studies
 - BED
 - FEED and ITT Technical Documents
 - Technical Assistance during Tendering
 - Bid Evaluation
 - Technical Assistance during Construction
 - Technical Assistance during Operation
- **E P C**
 - Engineering
 - Procurement
 - Construction
- **MAINTENANCE**

SERVICES

- Asset and Reliability
- Educational Services
- Project Services
- System Support Services
- Telecom EPC Coordination

SERVICE

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Telecom Partner

- **Partner to Engineering Companies**
 - Developing Telecom Package Technical & Commercial proposals
 - Sub Vendor's identification and management
 - Integrated Budgetary Proposal
 - Technical Support during Tendering & Bidding Phases
- **Partner to EPC Contractors**
 - Detail Engineering & Project Documents Development
 - Procurement & FAT Technical Assistance
 - Site Surveys & Technical Meetings Assistance
 - Erection & Construction supervision
 - Commissioning - SAT - Start-Up Assistance
 - Training - Preparation - Handling
 - Operation and Maintenance Services/ Assistance

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EPC/EPIC Contractor

- **Telecom PMS/PMC**
(Project Management Services/Consultancies)
- **Telecom Turn key Packages**
 - Engineering
 - Procurement
 - Construction
- **Telecom Operation & Maintenance**
- **Telecom Revamping Projects**
 - Reverse Engineering
 - Modernisation
 - Extension

project approach

- Quality Control
- HSE Policy Compliance
- Environmental respect
- Computer Aid Management:
 - Project Assets Management
 - Planning
 - Costs Control
 - Punch Item Management Systems
 - Advance Maintenance Management

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Operation Maintenance

- **Telecom Operation Services**
- **Telecom Training Operation & Maintenance Services**
- **Telecom Preventive Maintenance**
- **Telecom Corrective Maintenance**
- **Telecom Emergency Service (call or on demand)**



Revise Procedures-Up Date Procedures

CMMS Application
[Computer Maintenance Management System]

TELECOM INTEGRATION

...why ECISGROUP as telecom partner?

ECISGROUP Telecom Division is proud to detain:

1. MultiDisciplinaryTelecomEngineeringCapabilitiesandproven Experiences
2. Overall Systems Architectures Capabilities and Experiences
3. ICT & IT as well as Security Lead Engineers
4. True and real subsystems Integration and Interface development capabilities with proven experiences:

→ Voice Communication Systems

Voice communication Systems offering is fully integrated PABX, -> Voip-> Radio-> Intercom-> PAGA-> etc. with all evident and necessary segregation possibilities

→ Data Communication Systems

All data communication Systems offering are fully integrated and customized for necessary segregation capabilities

→ Safety & Security Systems:

Fire & Gas detection System's Alarm announcements are fully integrated with the PA/GA System as well as with the Entertainment system (for muting feature) etc.

Anti Intrusion System is fully integrated with Access Control and Close Circuit Television System in order to minimize the overall system reaction time and optimize overall system's performance.

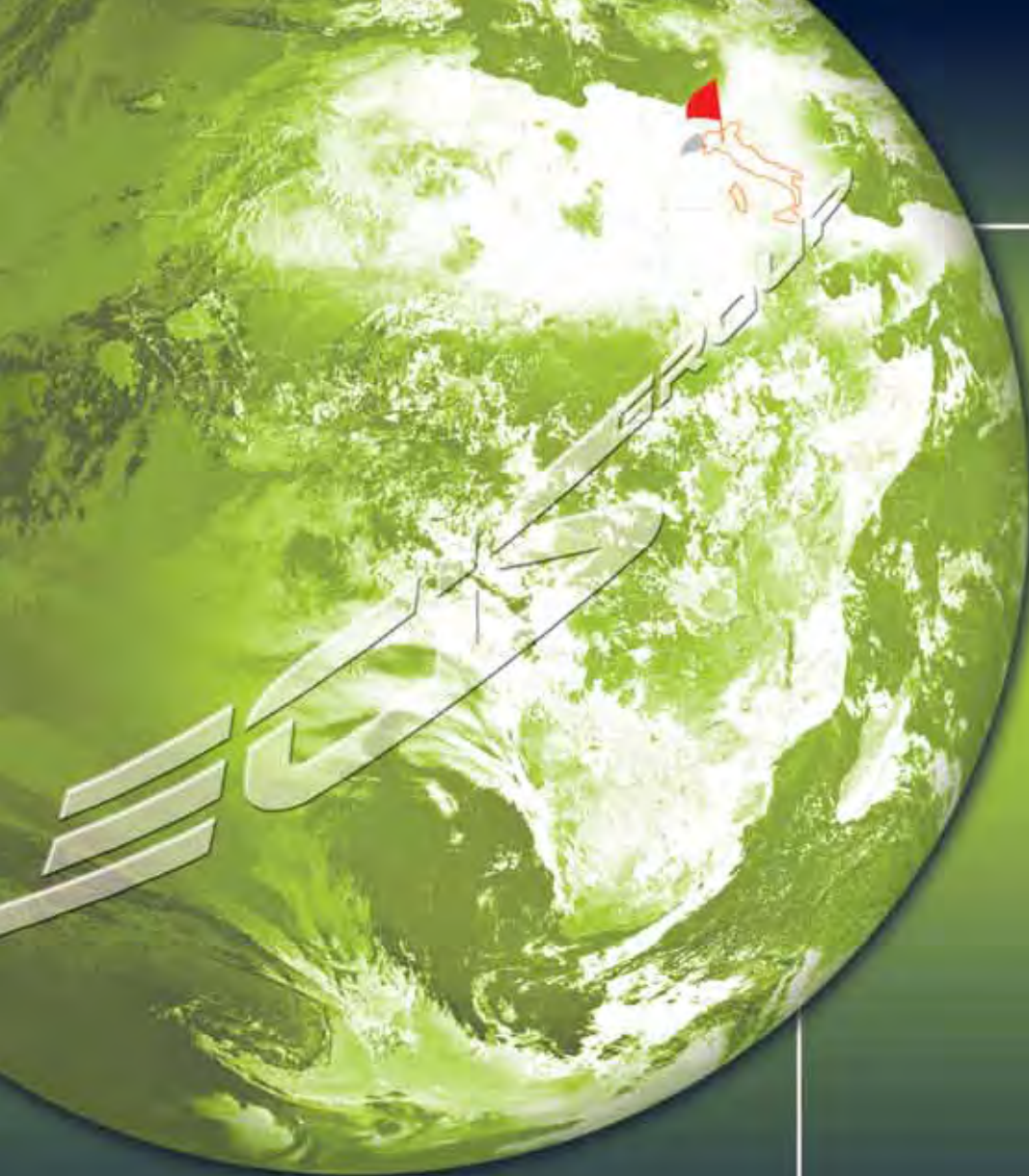
5. Proven, True and Real Vendor/Subcontractor Manning and Coordination, derived from more than 30 years of internal personnel experience.
6. Strong and long term Vendor's relationship



reference clients:



TELECOM INTEGRATION



ECIS GROUP

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Capitale Sociale 1.000.000,00 € iv.

Genoa

Muggiò

*We are looking for skilled technicians
who wish to grow up together with us.*

*Please send your Curriculum Vitae to
recruiting@ecisgroup.it
or visit our web site
www.ecisgroup.it*