

HANSA

Projects & Services



Solutions Catalogue



INNOVATION
WITHOUT LIMITS



HANSA

04

MISSION

We provide comprehensive turnkey solutions for clients in Telecommunications, , Gas & Oil and Energy, complying with the highest standards of quality, health, safety and the environment.

VISION

To be the leading company in projects and services in the region, becoming a strategic partners in technology for our clients.



WHY HANSA?

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1. TECHNOLOGY

DATA CENTER AND IT INFRASTRUCTURE



- Servers.
- Virtualization Solutions.
- Switch, router, firewall, IPS, Etc.
- NAS-SAN.
- Provision of ladders, ducts, PDU, etc.
- Sensors for data center.
- Technical floor.
- Precision air conditioning.
- Cabinets
- Provision of materials for the installation of Networks.
- Structured Backbone and Data cabling.
- Structured cabling certification.

UNIFIED COMMUNICATIONS

- Videoconference and Telepresence.
- Telephonic central.
- Sound, Periphoneum and Debates.
- Digital Billboard and Video Walls.
- Nurse call systems.
- Tablets and PCs of all kinds.
- UC&C in the cloud.

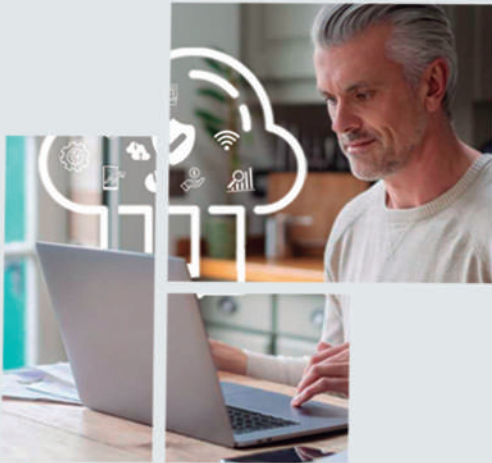


SPECIALIZED PROJECTS

- Smart Cities.
- Provision and installation of IOT equipment.
- Domotics projects
- Artificial intelligence.
- Big Data and machine learning.
- IaaS, PaaS, SaaS.
- Software development.
- Open Source solutions.
- Red Hat.
- Database Managers.
- Airwatch.



TELEPRESENCE SOLUTIONS



- Tele-education.
- Telecommuting.
- Interactive monitors and projectors.
- Telemedicine

SPECIALIZED SERVICES

- Comprehensive Maintenance Plans.
- Certifications and Measurements.
- Technological Consulting and Advice.

2. COMMUNICATION NETWORKS

OPTICAL FIBER

- Single-mode, multi-mode, aerial, underground and home optic fiber provision.
- Provision of Hardware for Optic Fiber, Poles, Ducts, Junction Boxes, ODF's, etc.
- Construction of Optic Fiber Backhaul Networks, Access, FTTX, FTTH.
- Survey, Design, Construction / Implementation.



CATV SOLUTIONS

- Design and implementation of HFC and head-end, analog and digital networks.
- Triple Play Solutions.
- Technical and commercial support and advice.

WIRELESS NETWORKS

- Provision, design and installation of microwave links, low, medium and high capacity.
- Long-haul radio link planning.
- Compact radio links in all types of bands.
- Mobile networks (LTE, 4G, DTH)



SATELLITE NETWORKS

- Satellite Hubs and Teleports.
- Remote VSAT Stations.
- Intelligent IP data routing.
- Data security and encryption.
- Configuration, monitoring, control and automation of satellite hybrid network and from a central location.

NETWORK OPTIMIZATION, MEASUREMENT AND VAS

- Measurement and optimization services for Fiber Optics, Microwave Networks, Satellite Networks, Ethernet Networks and NGN.
- Applications for mobile market.
- Triple / Quadruple play market.
- Benchmarking.
- Digital transformation of PMO projects



3. PUBLIC AND PRIVATE SECURITY

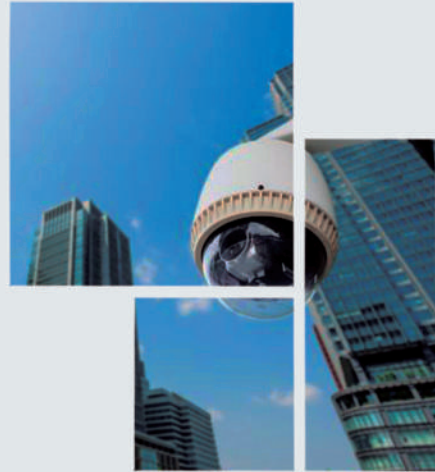
SECURITY AND SURVEILLANCE



- CCTV systems. (Multiple applications).
- Fire Detection and total discharge systems.
- Smoke, gas and chemical sensors.
- Access Control (Multiple technologies).
- Perimeter security.
- Video surveillance and monitoring center.

PUBLIC SAFETY

- Outdoor video surveillance cameras.
- Pattern Recognition Software.
- Automatic Dispatch Center.
- Border Control and Unmanned Aerial Surveillance (Drones).
- Integrated Intelligence Systems Software.
- Thermographic Cameras for Firefighters and Fire Extension.
- Solar charged video surveillance. Humidity and
- Thermographic Meters.
- Citizen monitoring centers.



TRAFFIC AND VIABILITY

- Traffic and Speed Control Systems.
- Automatic License Plate Recognitions.
- Information Signs and LED Signage.
- Red Light Violation, Infractions and Vehicle Presence Monitors.
- Parking System.
- Weighing and Tolling Solutions.



4. INDUSTRIES (PUBLIC Y PRIVATE)

INSTRUMENTATION, AUTOMATION AND CONTROL



- Remote units, RTU.
- SCADA systems, HMI, telemetry (Gas and electricity generation plants).
- Level, Pressure and Temperature transmitters.
- Field Instrumentation (Indicators, Actuators).
- Test and calibration benches for safety valves, control valves, measuring instruments (Pressure, Temperature and Level).
- Flow indicators and transmitters and flow meters for measurement.
- Control systems: DCS, PLC for process control and monitoring.
- Control boards and help desk.

CALIBRATION & DETECTION

- Calibration equipment.
- Portable and benchtop test and measurement instruments.
- Control and monitoring weight system. Gas and liquid analyzers.
- Installation, calibration and certification of measurement bridges.
- Installation and calibration of regulation bridges.



SPECIALIZED CONSTRUCTIONS (HYDROCARBONS)

- Construction of regulation stations.
- Construction of regasification stations.
- City Gates facility. Energization, testing and assembly of skids.
- Construction of Service Stations.



CATHODIC PROTECTION

- Sacrificial anodes.
- Impressed current, voltage rectifiers.
- Anodic bed systems, well drilling.
- Cathodic protection and diagnostic service.

ELECTROMECHANICAL ASSEMBLY

- Pre-Commissioner, Commissioner (Commissioning).
- Certifications for the Endorsement of Tests.
- Electromechanical assembly.



SPECIALIZED SERVICES

- Calibration and measurement.
- Help Desk support.
- Preventive and corrective maintenance.
- Maintenance and support of industrial communication satellite stations.



5. CIVIL WORKS

GAS NETWORKS

- Construction of primary and secondary networks.
- Certification and integrity of pipelines.
- Network maintenance.



SPECIALIZED CIVIL WORKS

- EPC services and implementation.
- Construction of buildings and equipment (Coarse and fine work).
- Structural and architectural design consultancy.
- Road and river construction.
- Ducting and trench digging.
- Electrical, sanitary and gas installations.
- Construction of rooms and complementary civil works. Civil and mechanical works.
- Land leveling and road widening.
- Construction of Tolls.
- Construction of Hospitals.



6. ENERGY

COMPLEMENTARY EQUIPMENT

- Grounding system.
- Lightning rod system.
- Energy control and management.
- Reclosers.

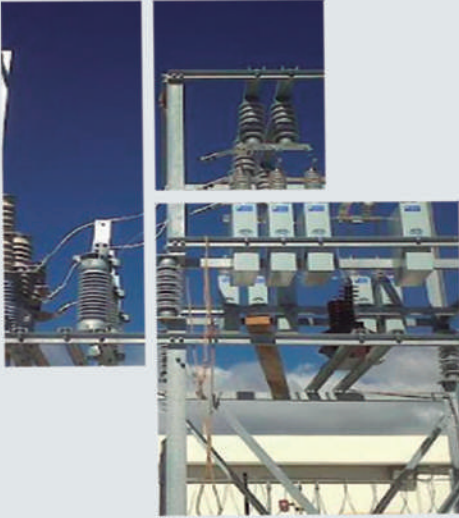


LIGHTING AND ILLUMINATION

- Public road lighting.
- Public lighting on highways.
- LED lighting for buildings and industries.
- Lighting and industrial illumination.



SUBSTATIONS



- Basic and Detailed Engineering for AT – MT – BT.
- Provision of Transformers, MV / Gas FG6 / Vacuum Cells and Specialized Infrastructure.
- Electromechanical Assembly, Logistics and Execution.
- Pre commissioner, Commissioner (Commissioning).
- Ratio Tests for Transformers (oil and dry).
- Megado tests for Transformers (oil and dry).
- Construction and Equipment Testing.
- Certifications for the Endorsement of Tests.

GENERATION

- Supply and installation of generator sets and generators
- Solar systems isolated and linked to other systems.
- Moving light towers.
- Wide range of UPS systems and battery banks.
- Pre commissioner, Commissioner (Commissioning).



TRANSMISSION AND DISTRIBUTION

- Basic and Detailed Engineering for AT – MT – BT (Air and Underground).
- Electric power transmission and distribution lines in MV and LV.
- Energization services.
- HV, MV and LV transformers.
- OPGW fiber optic over HV.
- Turnkey MV and LV services.





+ 800
Employees



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Calibration, Measurement
and Testing laboratories



+190
Vehicles



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CERTIFICATIONS

ISO 9001: 2015



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ATT



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curity Equipment"
BOLIVIAN POLICE



"Natural Gas installation"
ANH



"Enabled for Civil and
Industrial Construction"
DEPARTMENTAL CHAMBER
OR CONSTRUCTION



"Affiliation"
BOLIVIAN CHAMBER OF
HYDROCARBONS &
ENERGY



"Enabled for Import,
Export & Representation"
NATIONAL CHAMBER OF
COMMERCE



"Affiliation"
CHAMBER OF
COMMERCE AND
INDUSTRY
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INNOVATION
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• **La Paz:** 1004 Yanacocha St., corner with Mercado St. Hansa building Ph.: 2169871



Hansa Proyectos & Servicios

• **Cochabamba:** 641 Salamanca Avenue, Fundes Building 6th Floor, Office 6B Ph.: 4 795885



Hansa Proyectos & Servicios

• **Santa Cruz:** 470 Cristo Redentor Avenue, Hansa Building 2nd Floor Ph.: 3 117190



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