

Strictly Confidential

# ITEC

TECNOLOGIE E IMPIANTI

Pioneering Integrated Technologies

For a Safer, Sustainable Future

**COMPANY PROFILE**

20/01/2024

***"Quality means doing it right when  
no one is looking"***

(Henry Ford)





## ITEC in Numbers

Back Office Associates

**30**

Hubs

**15**

Specialized Skilled Technicians

**110**

Place in ranking performance

**1<sup>ST</sup>**

Surveillance Systems Installed 2023

**42000**

Facility Protected in Italy

**3400**

# ITEC

is the leading EPC Contractor and System Integrator in the Oil & Gas, Infrastructure, Energy Carriers and Civil sectors

## OPERATIONAL DIVISIONS



### PHYSICAL SECURITY

- Control Room
- Remote Control
- Predictive Maintenance
- Art Security & Monitoring



### FIRE FIGHTING

- Engineering
- Remote Control
- Pumping systems
- Fire and Gas Detection



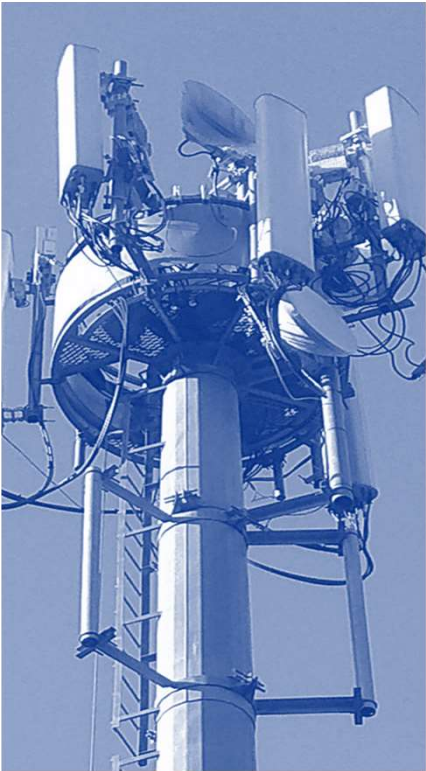
### TLC & RADIO

- Law Enforcement Systems
- Tunnels
- Advanced TLC
- Naval



### ITEC SUSTAINABILITY LAB

- Artificial Intelligence
- Water Management
- Waste Management
- Energy Efficiency
- ESG
- Hyperloop
- "Columns" Energy



**1980**

- Entrance into the telecommunications sector
- Electrical systems
- Activities in Africa and the Middle East



**1990**

- Oil & Gas
- Naval
- Hospital



**2000**

- Physical Security

5



**2015**

- Fire Prevention
- Sustainability Lab
- Art Safety & Security



**2023**

- LNG
- Hydrogen
- Artificial Intelligence
- Hyperloop





## INNOVATION

Incorporating latest technology for enhanced security and efficiency.



## CUSTOMIZATION

Tailored solutions for client-specific needs.



## SUSTAINABILITY

Prioritizing eco-friendly and energy-efficient practices.



## CLIENT COLLABORATION

Continuous communication to ensure client satisfaction.

## FLEXIBILITY

Adaptable processes for evolving needs.



## SAFETY

Proactive risk management throughout the project.



## QUALITY AND COMPLIANCE

Adhering to international quality standards.



## SUPPORT

Ongoing maintenance and customer service post-project.





## **PHYSICAL SECURITY**

Securing Today, Protecting Tomorrow



Centralized Control Room

Centralized Control Room

Behavioral Analysis

Perimeter Thermal Imaging

Virtual Patrols

Process Analytics

Mobile Security Systems

SCADA Systems

Vehicle & Personnel Movement Control

## ADVANCED SOURVEILLANCE

ITEC delivers state-of-the-art physical security solutions, integrating video analytics and business intelligence to anticipate and neutralize threats.

**Our** comprehensive approach ensures **robust protection** for critical infrastructures and **sensitive areas**.

SECURITY

# SECURITY REMOTE CONTROL SCADA

Specializing in **SCADA** systems, **ITEC's** physical security extends to remote control and monitoring for oil pipelines, refineries, energy production sites, and more, guaranteeing resilience and vigilance across key industrial sectors.

Oil & Gas Pipeline Security

Refinery & Depot Protection

Production Site Surveillance

Harbor Security

Photovoltaic Area Safety

Sports Field Monitoring

Fuel Station Oversight

Mall Security

Bank Branch Security

**Robust**

Systems Safeguarding

**Essential** Industrial sectors

## MOBILE STATIONS AND ATEX SOLUTIONS

Portable, high-performance security for remote and hazardous locations.

ITEC's mobile and land drones' security stations provide versatile, **high-performance** surveillance, adaptable to "off-grid" and hazardous **environments**.

Air and land drones Solutions

Temporary Workspace Monitoring

Edge Sensor Thermal Imaging

Metal Detection

Situational Analysis

Plant Shutdown Management

Our solutions safeguard temporary workspaces with advanced video analytics and situational awareness.



# DIGITAL SOLUTIONS & ART SECURITY

Innovative protection for valuable art collections and exhibits.

Securing art collections with innovative digital solutions, ITEC offers geolocation, specialized anti-theft systems, and environmental control to protect and preserve the integrity of valuable artworks and exhibitions.

Art Collection Safety

RFID Geolocation Systems

QR Code Tracking

QR Code Tracking

Climate Control Sensors

Exhibition Loans Security

Safe Art Transport

Artwork Insurance

NFT Security



# FIRE EXTINGUISHING

Fire Safety Redefined

Sophisticated systems for comprehensive fire protection.

ITEC's fire extinguishing solutions represent a natural extension of our security services, offering electronic and fire fighting systems designed to detect and suppress fires, safeguarding assets and lives with advanced technology.

- Electronic & Mechanical Solutions
- EPC solutions
- Digital Training Solutions
- Thermal Imaging for Fire Detection
- Complex Extinguishing Systems

Risk-focused fire and gas detection for proactive safety.

Our automatic detection systems, based on meticulous risk analysis, protect against fire and gas leaks, deploying a range of sensors for smoke, flame, spark, and gas detection in high-risk environments.

- Automated Fire and Gas Leak Detection
- Smoke, Flame, and Spark Detection Systems
- Temperature, Toxic, and Explosive Gas Monitoring
- Leak detection, Pipeline monitoring, water flooding

Diverse sectors with varied risks rely on ITEC for fire prevention and extinguishing, with tailored solutions for LNG, hydrogen facilities, pipelines, and civil and industrial buildings. ITEC is the exclusive supplier of pump systems to LNG onshore and offshore Terminals

- Water Pumps:
- Monitors, Foam Systems
- Gas Extinguishing Systems





# TLC & RADIO

Connecting Worlds

High-tech communication solutions for critical infrastructures.

ITEC specializes in critical communication solutions, ensuring seamless and secure radio and TLC systems for offshore platforms, law enforcement, naval operations, and anti-explosion environments.

- Offshore Communication Systems
- Law Enforcement Radio Solutions
- Radar Technologies
- ATEX Anti-Explosion Devices
- Naval Communication Systems



## **ITEC SUSTAINABILITY LAB**

Driving sustainable innovation with cutting-edge research and development

Artificial Intelligence for Sustainable Innovation - Leveraging AI to transform industries and empower businesses sustainably

ITEC harnesses AI to redefine industries, offering predictive maintenance, intelligent surveillance, and smart energy management, driving efficiency and sustainability across business operations.

- Predictive Maintenance
- Intelligent Surveillance
- Smart Energy Management
- Data-Driven Insights
- Swarm Intelligence Services

Water Management State-of-the-art technology ensuring optimal use and preservation of water resources.

Our water management services utilize cutting-edge technology to maximize resource efficiency and sustainability, from smart irrigation to AI-driven quality monitoring and flood risk management.

- Smart Irrigation Systems
- AI-based Water Quality Monitoring
- Flood Risk Management
- Desalination Technologies
- Wastewater Treatment Innovations
- Hydrological Analytics

Waste Management - Advanced technology minimizing waste and maximizing resource recovery.

Revolutionizing waste management, ITEC minimizes environmental impact with smart collection, waste-to-energy technologies, and innovative recycling, turning today's waste into tomorrow's resources.

- AI-Optimized Waste Collection
- Waste-to-Energy Technologies
- Smart Recycling Systems
- Biodegradable Material Development
- Industrial Upcycling
- Landfill Reduction Strategies

Energy Efficiency - Intelligent systems for energy conservation and sustainable consumption.

Leading in energy conservation, ITEC deploys intelligent systems for sustainable consumption, leveraging analytics for energy management, smart grid tech, and retrofitting services to reduce carbon footprints.

- Predictive Analytics for Energy Consumption
- Building Automation
- Smart Grid Implementation
- Energy Retrofitting Services
- Carbon Footprint Reduction
- Thermal Imaging for Insulation Efficiency

ESG: Environmental, Social, Governance - Embedding ESG principles into technology solutions for a better future.

ITEC is dedicated to embedding ESG principles in our technological solutions, fostering a culture of sustainability, social responsibility, and ethical governance in every project we undertake.

- ESG Compliance and Reporting
- Social Impact Reporting
- Ethics Training and Workshops
- Environmental Risk Tools
- Sustainability Audits
- Green Certification



Hyperloop: Future of Transit Collaborating on Hyperloop to develop high-speed, sustainable travel.

## Hyperloop

In partnership with HyperloopTT, the global leader of the Hyperloop Technology, ITEC is at the forefront of developing the Hyperloop system, focusing on safety, speed, and sustainability to revolutionize transportation for the Winter Olympics and beyond. As a governance partner with a board seat in Hyperloop Italia, ITEC is central to the world's pioneering Hyperloop commercial project.

- Safety Design for Hyperloop Infrastructure
- Passenger and Cargo Security Systems
- Energy Management for High-Speed Transit
- Autonomous Control and Navigation
- Maintenance and Lifecycle Management
- Sustainability Consulting for Transit Projects

Columns Energy: Photovoltaic Solutions - Driving the renewable energy revolution with photovoltaic advancements.

At ITEC, we're driving solar energy forward with grid-parity photovoltaic projects, leveraging long-term power purchase agreements to boost Italy's renewable energy capacity and attract investments in solar technology.

- Grid-Parity Photovoltaic Projects
- Long-term Power Purchase Agreements
- Investment Attraction for Solar Energy
- Development Goals for Photovoltaic Capacity



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