

09

Oil & Gas

BUSINESS VERTICALS

GUIDE TO RELIABLE AND
SECURE SOLUTIONS

ISTC CORP.

■ We are experts!



We have reliable and efficient complete solutions for the energy industry which contribute to operational efficiency, increasing safety with the implementation of new technologies. Process automation and highly available connectivity for the harshest conditions and most demanding environments.

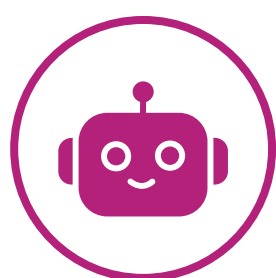
At **ISTC** we have a robust portfolio of products which allows us to provide innovative security, automation and connectivity solutions for our clients in **Latin America and the Caribbean**.

ISTC provides complete solutions and comprehensive services for your projects, allowing you to cover needs and great challenges for the sector.

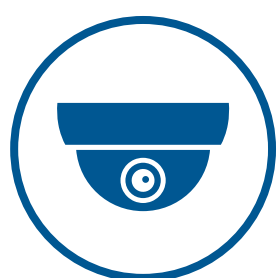


Visit our Website

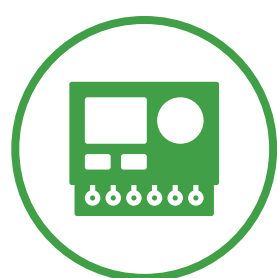
Find the solution you need!



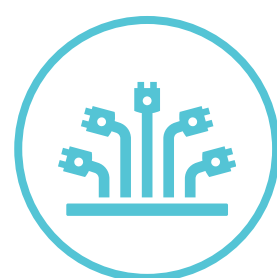
Specialty products



Video surveillance



Control and automation BMS



IT & Connectivity



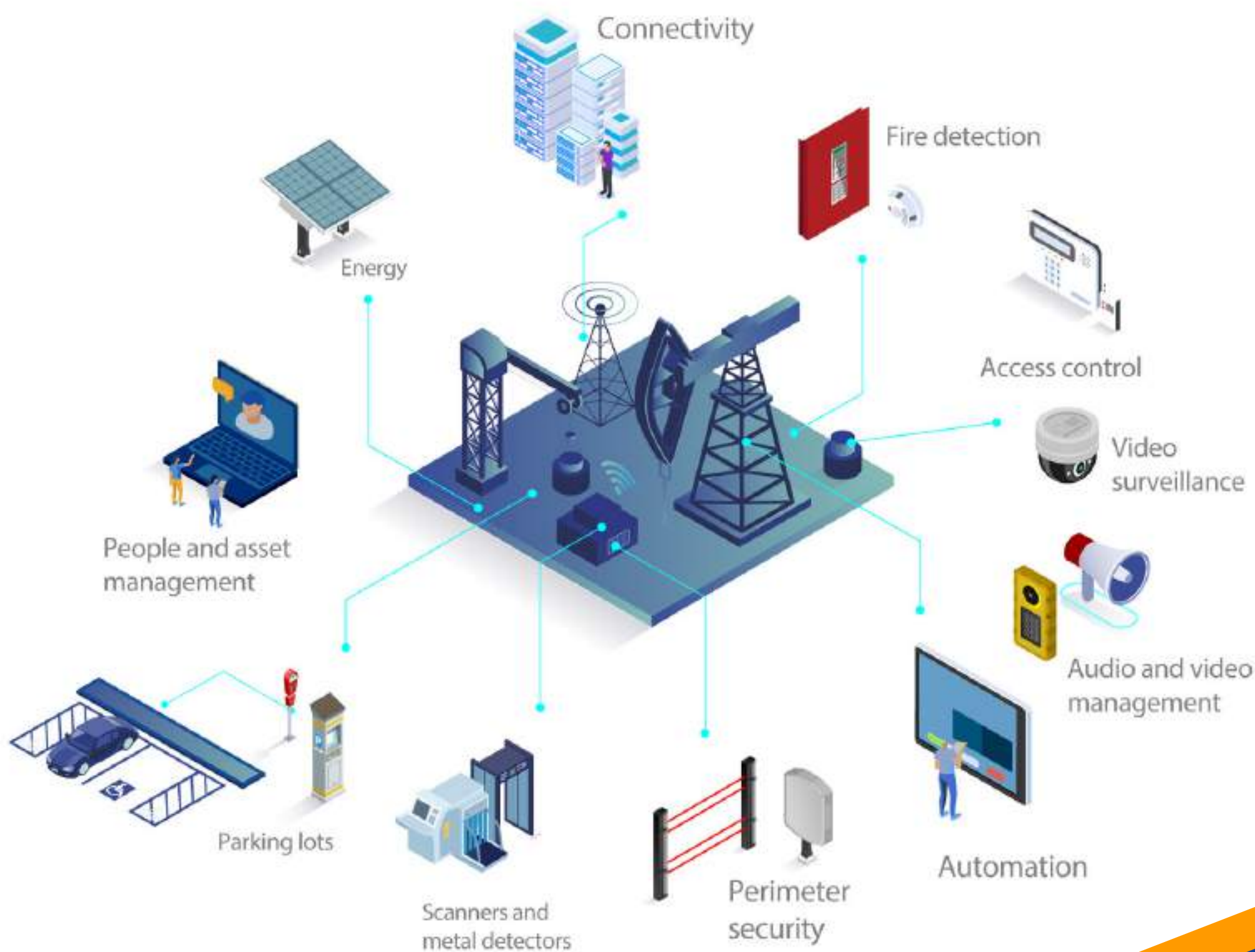
Intrusion systems



Access control



Detection and suppression



■ Featured solutions

ISTC offers a large portfolio with the most representative brands in the world, with which any type of solution can be offered for the oil and gas sector, such as Telecommunications infrastructure, Electronic security, Building Management System (BMS), IoT systems, Audio system, Perimeter security, Distributed energy system, among others.

> Telecommunications infrastructure:

- Structured cabling
- XGS-PON solutions
- Radio links
- Optical fiber
- Active teams
- IoT solutions
- UPS

> Electronic security:

- Video surveillance
- Thermal cameras
- Access control
- Software
- Intrusion systems
- Audio and video management
- Fire (detection, suppression, aspiration systems)
- Control and automation
- Mass notification

> IoT Sytems:

- Panic buttons
- Humidity and vibration sensors
- Thermometers

Radars for perimeter protection

ISTC provides the best complement for video surveillance systems, our radars detect and track simultaneously, allowing a high range in the coverage area, providing advanced warning and response through automatic alarms, without being affected by weather adversities.



> Audio system:

- Intercoms for industrial environments
- Self-powered systems
- Control by zones

> Perimeter security:

- Specialized cameras
- Fiber buried or on mesh / perimeter
- Radars

> Photovoltaic energy systems:

- Solar panels
- Electrical distribution management system

> People and asset management:

- Loss prevention

> Specialized systems:

- Scanners and metal detectors
- X-ray review systems
- Parking solutions

> Wireless transmission:

- Radio links



Building Management Systems (BMS)

A BMS or Building Management System allows the automation and centralized control of buildings to turn them into true "intelligent buildings".

Advantage (BMS):

It allows centralized control and supervision of all elements of the building. It facilitates the rapid detection of incidents for preventive maintenance. Automating monitoring tasks increases staff productivity. Provides detailed consumption information that promotes energy efficiency. The improvement of the management increases the comfort and security of the users of the building.

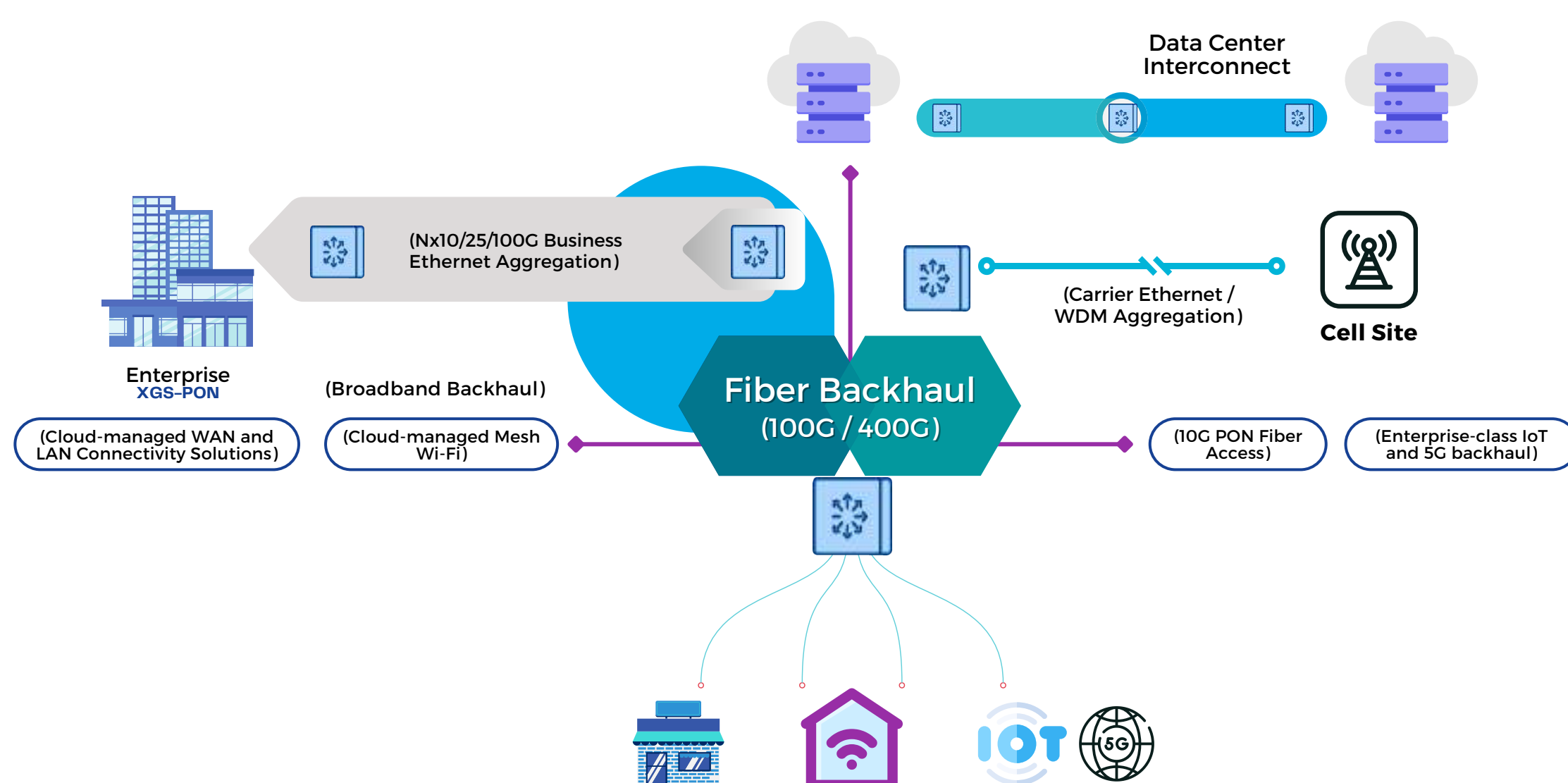
Featured Solutions:

- Native Integration
- Systems interoperability
- Integrations in unibrand and multibrand solutions

Passive Optical Networks (XGS-PON)

A great challenge in telecommunications networks is to build an optimal and reliable medium, for this **ISTC** offers DWDM and XGS-PON solutions; of which we have had great success stories in the region. From there we guarantee high bandwidth, future growth, inclusion of various technologies, redundancy and long distance coverage.

Comprehensive Network Security and Synchronization



Security challenges in OIL & GAS



50%

· Of workplace deaths occur in the oil and gas extraction industries.



· In the Oil & Gas industry, having a reliable **surveillance system** is vital, due to extreme weather conditions, dangerous work environments and remote locations.



3%

· Of the **world's** gross domestic product.

Presence

USA & CARIBBEAN

miami@istccorp.com
caribbean@istccorp.com

MEXICO

mexico@istccorp.com

CENTRAL AMERICA

centroamerica@istccorp.com

ANDEAN REGION

andina@istccorp.com

PERU

peru@istccorp.com

ECUADOR

ecuador@istccorp.com

BRAZIL

brasil@istccorp.com

SOUTHERN CONE

conosur@istccorp.com

CHILE

chile@istccorp.com

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#Innovating
Together



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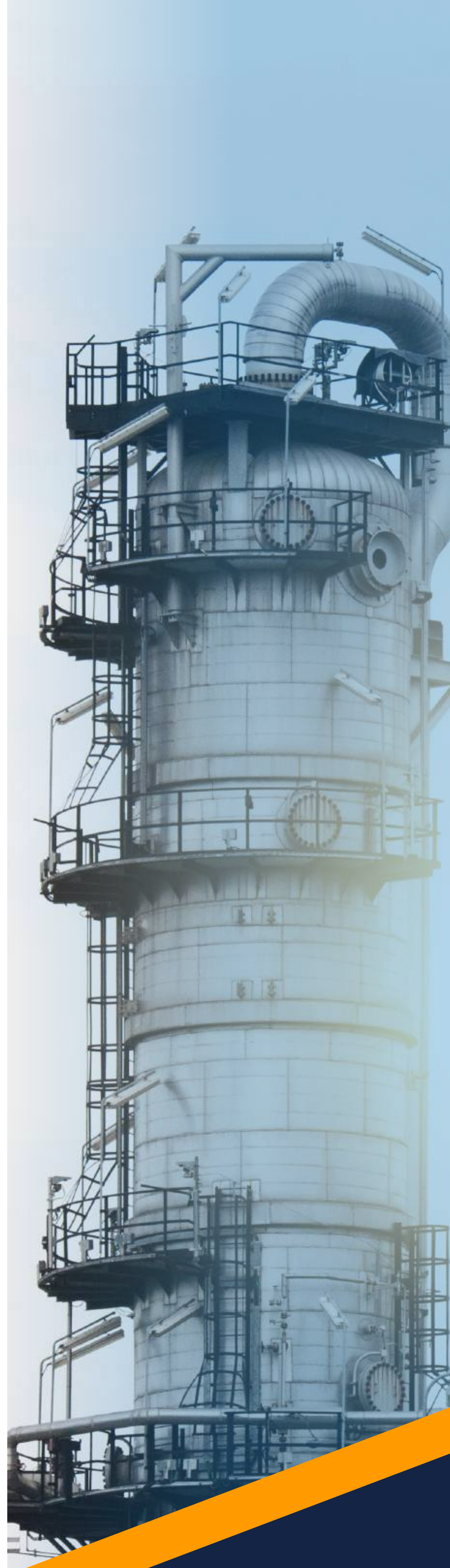
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marketing@istccorp.com



Oil & Gas

GUIDE TO RELIABLE AND SECURE SOLUTIONS

Get to know our 15 verticals!

