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Road Infrastructure

BUSINESS VERTICALS

GUIDE TO RELIABLE AND
SECURE SOLUTIONS

ISTC CORP.

■ We are experts!



The transformation within the road infrastructure sector is in a process of constant evolution where companies implement and adapt disruptive changes. **ISTC** provides outstanding solutions that allow the implementation of projects with development and modernization according to new technologies.

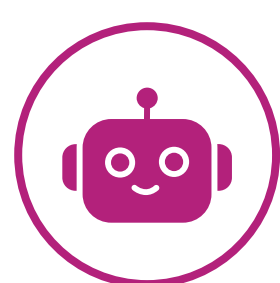
At **ISTC** we have a robust portfolio of products which allows us to provide innovative security, automation and connectivity solutions for our clients in Latin America and the Caribbean.

ISTC supplies complete solutions and comprehensive services for projects, allowing to meet the needs and great challenges of the industry, with cutting-edge technology aimed at the safety of transport, logistics operating companies and the protection of all types of cargo.



Visit our
Website

Find the solution you need!



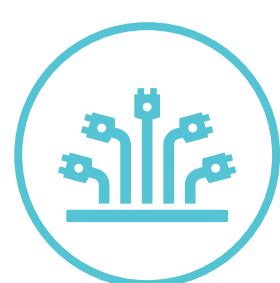
Specialty
products



Video
surveillance



Control and
automation
BMS



IT &
Connectivity



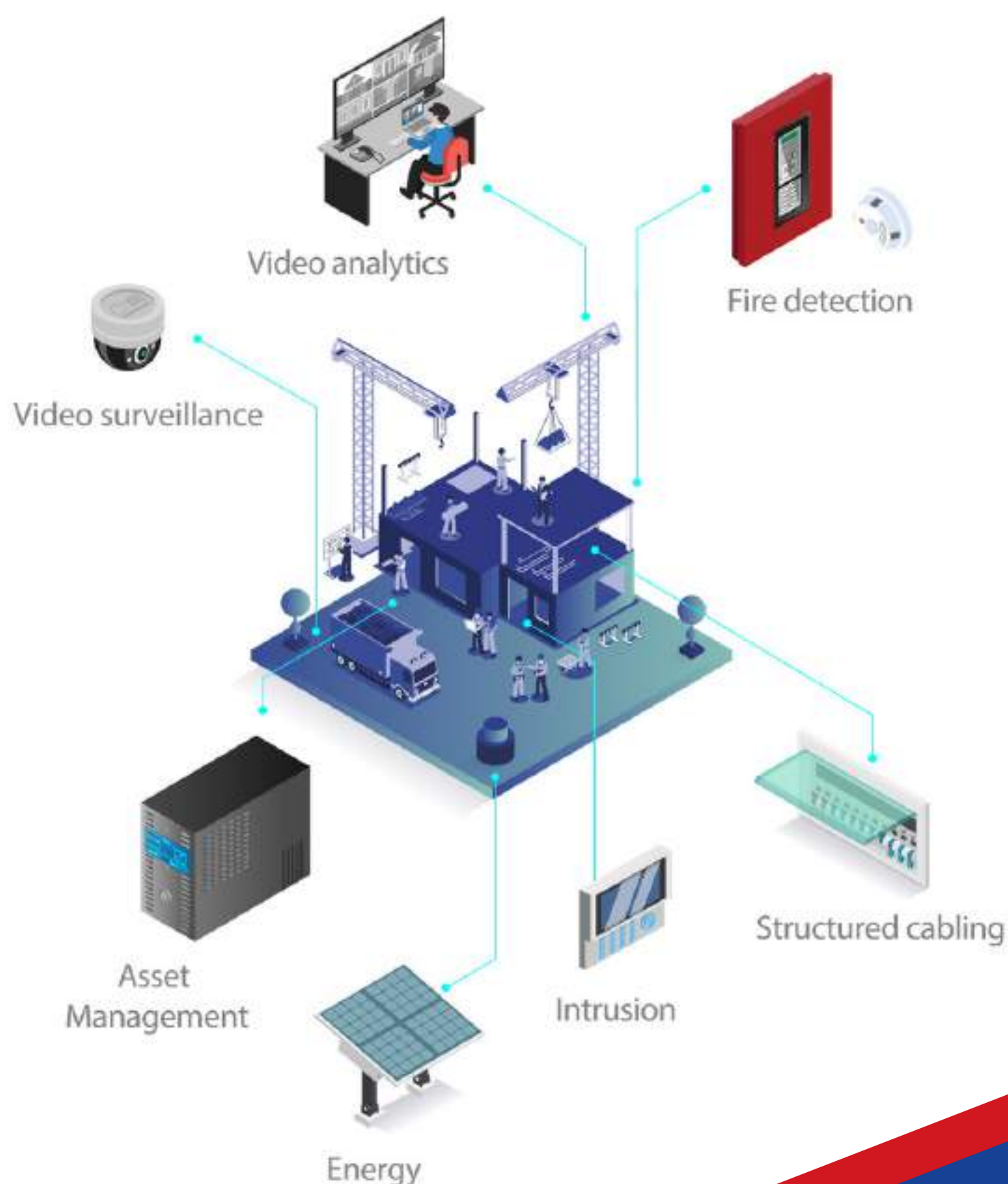
Intrusion
systems



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 sector, such as telecommunications infrastructure, electronic security, asset control, among others, companies that invest in innovative solutions, which is why they must bet on a series of trends that help them meet these objectives.

> Telecommunications infrastructure:

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

> Electronic security:

- Video surveillance
- Access critical areas
- Access control
- Software
- Intrusion systems
- Fire (detection, suppression, aspiration systems)
- Artificial intelligence
- Control and automation

> Specialized systems:

- Vehicle barriers
- SOS points
- ICD systems
- Variable messaging systems
- Wireless links
- Section radars
- Solutions for tunnels
- Drone
- Talanqueras greater speed
- Sound systems for tunnels

> Specialized systems:

- Electrical and control panels
- Weighing systems for trucks moving
- LPR licenses
- Section sensors

> Photovoltaic energy systems:

- Solar panels
- Electrical distribution management system

> Perimeter security:

- Specialized cameras
- Buried fiber or on mesh / perimeter
- Radars



ISTC to ensure the proper functioning of the infrastructure, everything from the basic aspects such as the construction of a data center to the most detailed aspects such as the physical and digital security of the environment that composes it must be considered.

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.

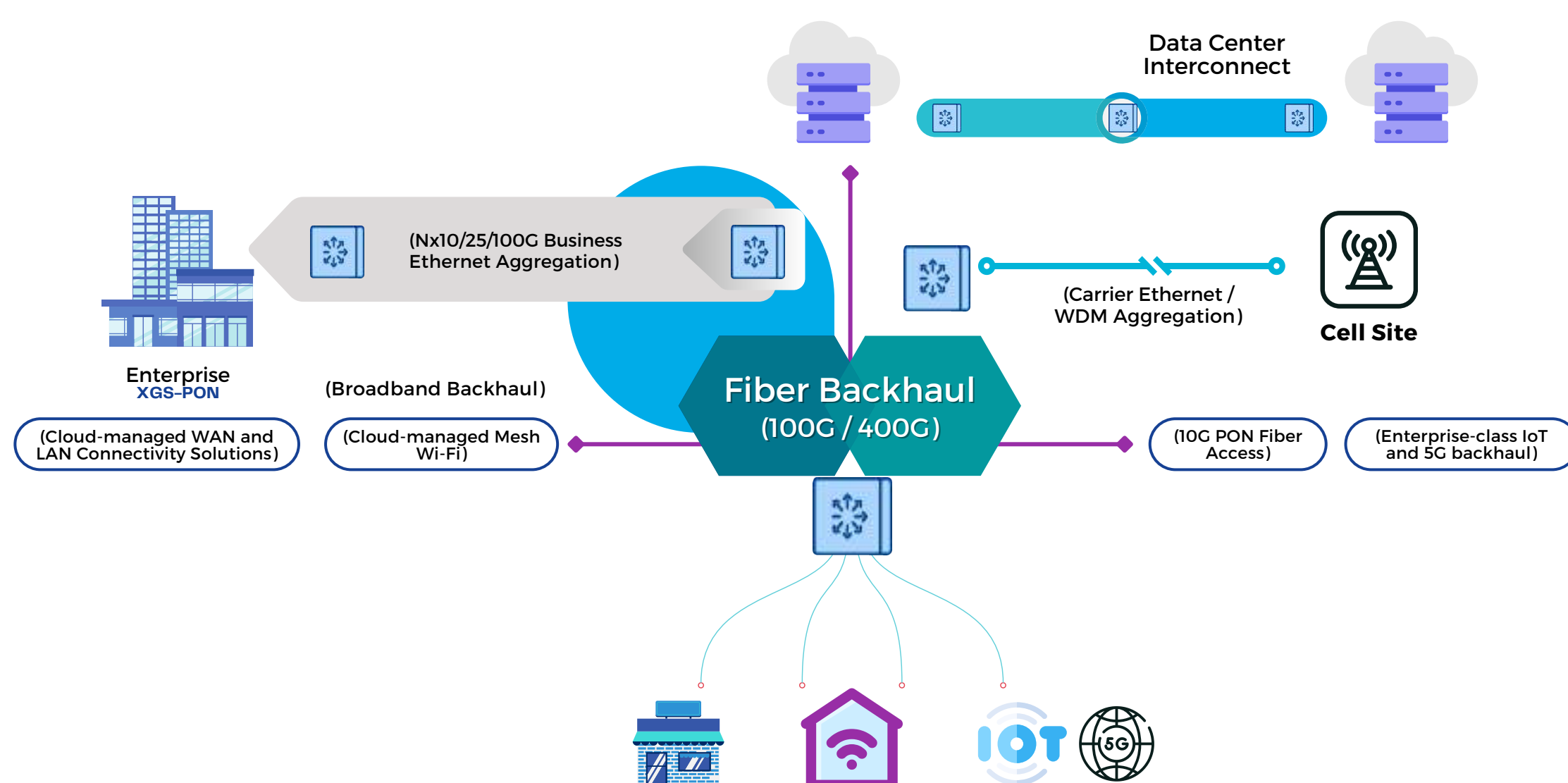
Featured Solutions:

- 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 ROAD INFRASTRUCTURE

94% · Of drivers exceed the **speed** limits.

· Tunnels must have **fire protection**, ventilation, traffic guidance, communications and lighting systems, as well as real-time monitoring.

3% · Of **GDP** costs countries due to traffic accidents.

Presence

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Get to know our 15 verticals!

