

08

# Education

**BUSINESS VERTICALS**

GUIDE TO RELIABLE AND  
SECURE SOLUTIONS

**ISTC** CORP.



# ■ We are experts!



**ISTC's** portfolio has a complete range of solutions designed to optimize security measures in the education sector and cover the most pressing needs, we have products such as vertical barriers, audio and video management, solar, wind energy solutions and conference optimization.

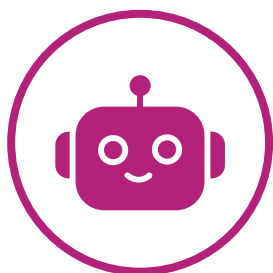
At **ISTC** we have a robust portfolio of products which allows us to provide innovative security, automation and connectivity solutions for our clients in **Latin America and the Caribbean**.

We have solutions that allow timely attention to security systems in schools and universities, such as video surveillance, access control systems and alarm systems.



Visit our Website

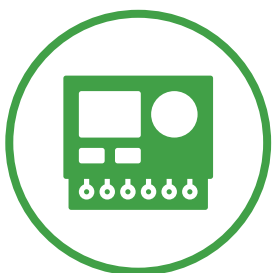
## Find the solution you need!



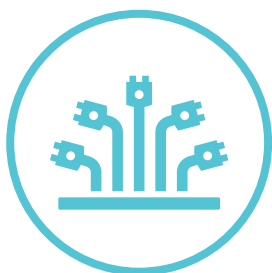
Specialty products



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 educational sector such as Electronic security, Specialized systems, Entrance security, Telecommunications infrastructure, Servers and storage, Perimeter security, IoT solutions, among others.



### Electronic security:

- Video surveillance
- Thermal cameras
- Access control
- Software
- Video walls
- Intrusion systems
- Audio and video management
- Fire (detection, suppression, aspiration systems)
- High level analytics
- Artificial intelligence
- Control and automation



### Specialized systems:

- Automatic doors
- Vehicle barriers
- Parking solutions



### Digital signage:

- Interactive and control screens



### Access security:

- Metal detectors
- Specialized video surveillance
- Access systems (pedestrian turnstiles)



### Photovoltaic energy systems:

- Solar panels
- Electrical distribution management system



## Smart lockers

Smart lockers solutions provide a secure storage solution, which allows people to protect and access their belongings in an innovative, practical and safe way, providing the student community, collaborators or visitors, to store and protect their personal belongings inside the installations.



### > Control of people and assets:

- Loss prevention
- Identification / credentialing

### > Telecommunications infrastructure:

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

### > Perimeter security:

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

### > Servers and storage:

- Storage
- Servers and workstations

### > Access security:

- Metal detectors
- Face recognition
- Access systems (pedestrian turnstiles)

### > IoT Solutions:

- Motion sensors in restricted areas
- Census of comfort metrics in areas
- Air quality control sensor in classrooms
- Comfort management and metrics



# 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.

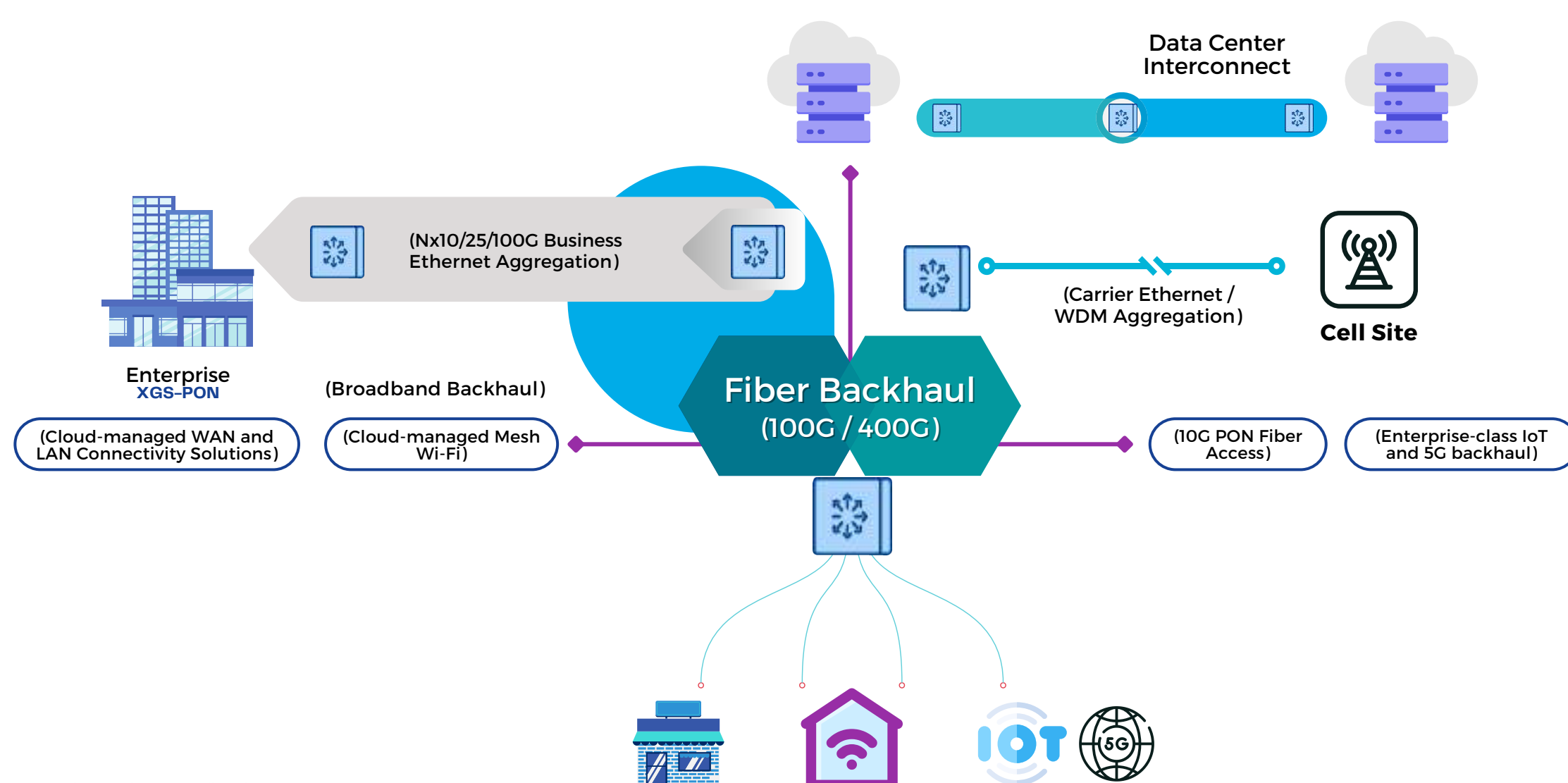
## Featured Solutions:

- 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 EDUCATION

90%

· Of **public schools** have video surveillance cameras.



10%

· Of **crimes** occur in schools.

· Security solutions in primary education centers have to be **effective** and at the same time **discreet**.

## Presence

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#Innovating  
Together





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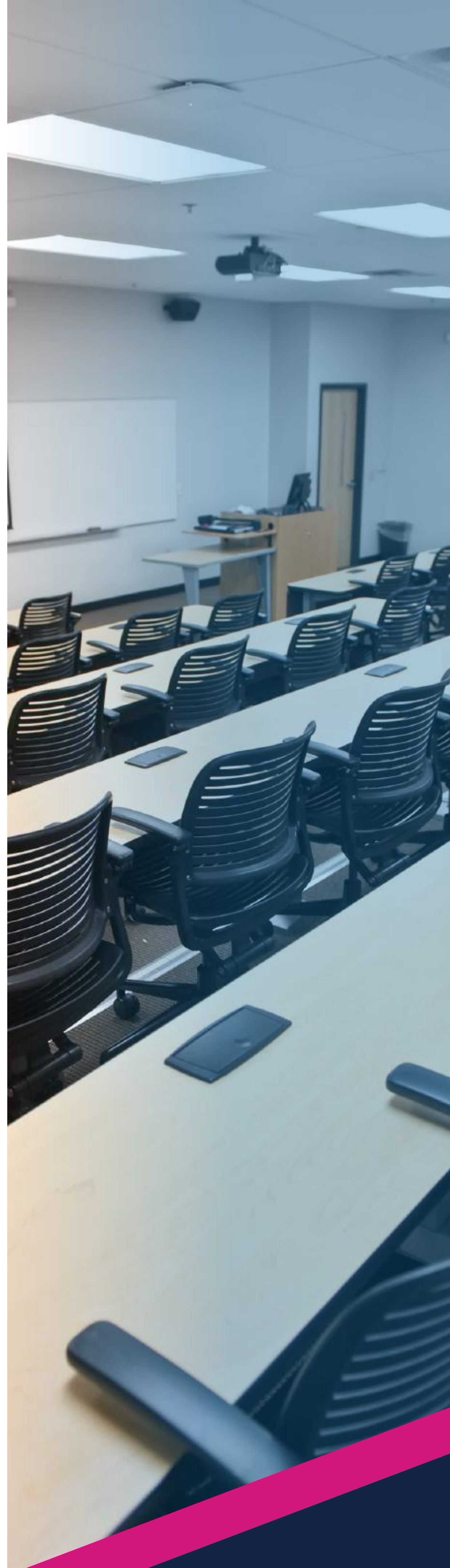
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# Education

GUIDE TO RELIABLE AND SECURE SOLUTIONS

**Get to know our 15 verticals!**

