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# Airports

**BUSINESS VERTICALS**

GUIDE TO RELIABLE AND  
SECURE SOLUTIONS

**ISTC** CORP.

# ■ We are experts!



The airport vertical has been adapting to changing health and safety requirements, focusing on automated and contactless solutions between customers and staff. So airports have accelerated their investments in technology to drive the recovery of travel.

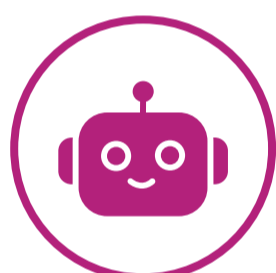
At **ISTC** we have a robust portfolio of products which allows us to provide innovative security, automation and connectivity solutions for our clients in Latin America and the Caribbean.

**ISTC** provides complete solutions and integral services for modernization, expansion and automation projects in airports, allowing to cover needs and great challenges for this vertical of the market.



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 airport sector, such as perimeter security, access control, fire detection and suppression, video surveillance, audio and video management, control and automation, intrusion systems, parking systems, electronic security, telecommunications infrastructure, among others.

- > **Perimeter security:**
  - Specialized cameras
  - Buried fiber or on mesh / perimeter
  - Radars
- > **Access security:**
  - Body and bag scanning
  - Metal detectors
  - Specialized video surveillance
  - Physical barriers (turnstiles and fences vehicles)
- > **Digital signage:**
  - Large format screens
  - Video Walls
- > **Airport equipment:**
  - Boarding pass and gate control self boarding
  - X-Ray review systems
- > **Parking systems:**
  - License Plate Reader (LPR)
  - Parking guidance
  - Vehicle location system
- > **Telecommunications infrastructure:**
  - Structured cabling
  - XGS-PON solutions
  - Radio links
  - Optical fiber
  - IoT solutions
  - UPS
- > **Photovoltaic energy systems:**
  - Solar panels
  - Electrical distribution management system

## 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 .



### > Anti-drone radars:

- Technological solutions for various types of threats in the airport security sector, with this it seeks to avoid any unwanted intrusion of drones in the airspace of an airport, strengthening the airspace.

### > Electronic Security:

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

### > Specialized Systems:

- Collaborative screens
- Large format screens
- Automatic doors
- Turnstiles
- Vehicle barriers
- Parking solutions
- Monitoring rooms
- Servers and storage
- Variable messaging



# 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.

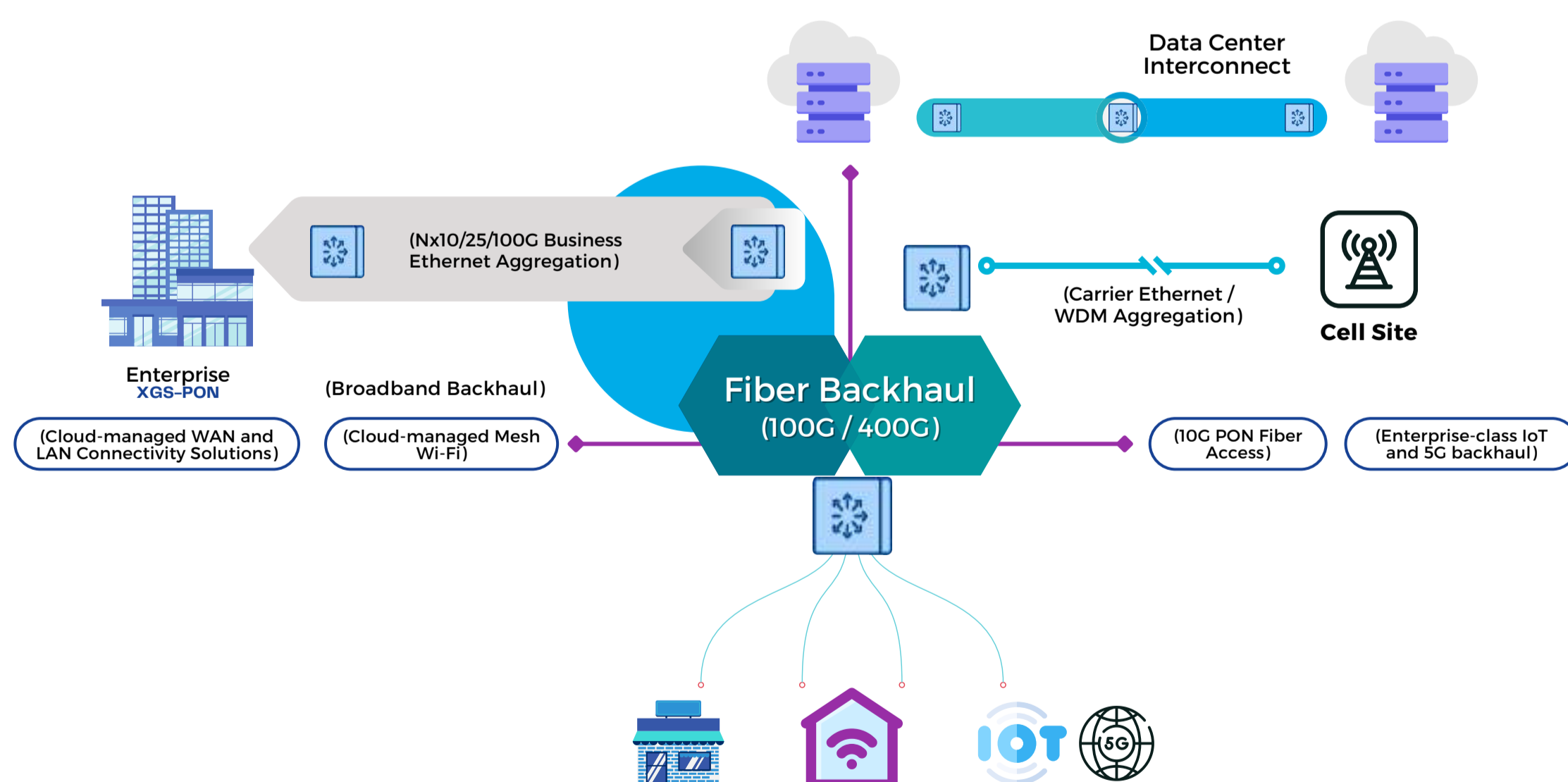
## Featured Solutions:

- 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.

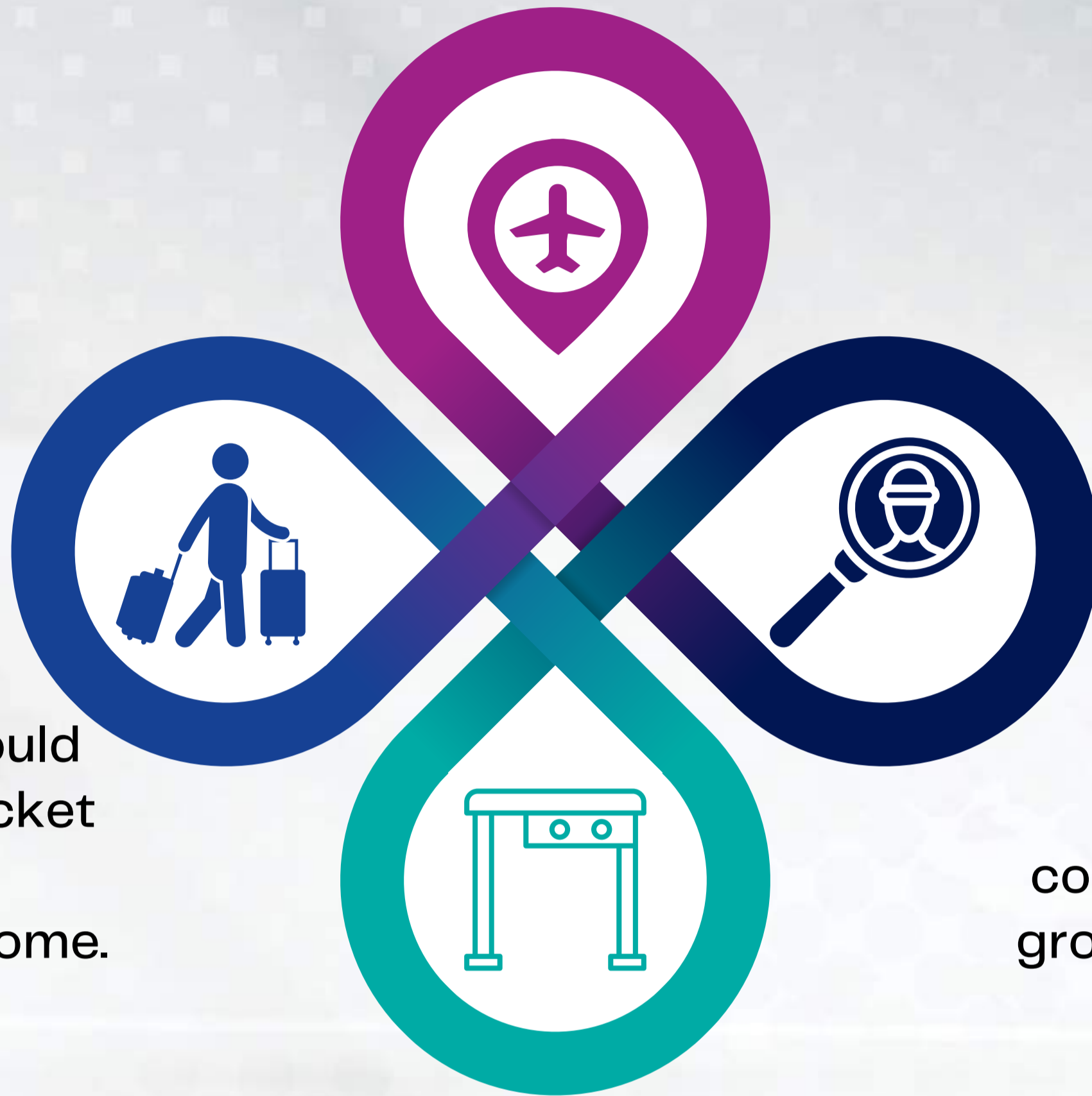
## Comprehensive Network Security and Synchronization



# Security challenges in AIRPORTS

85%

· Of passengers would consider using a ticket or biometric ID verification from home.



95%

· Accuracy in IoT systems when collecting data on key ground support nodes.

· The security model in the airport industry involves the integration of human resources and **technology**.

## Presence

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# Airports

GUIDE TO RELIABLE AND SECURE SOLUTIONS

**Get to know our 15 verticals!**

