Hospitals

BUSINESS VERTICALS

GUIDE TO RELIABLE AND SECURE SOLUTIONS

ISTC CORP.

We are experts!

ISTC CORP.

The infrastructure oriented to the hospital sector and the construction and innovation of technology at the service of health provide us with the adequate means to respond to the current challenges and with it the power to offer solutions supported by a great experience in the supply and specialized design in this field.
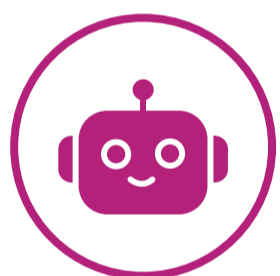
At **ISTC** we have a robust portfolio of products which allows us to provide innovative security, automation and connectivity solutions for our clients in Latin America and the Caribbean.

ISTC provides complete solutions and comprehensive services for hospital projects, which allows us to cover and support the needs and great challenges for the medical care network.

Visit our Website

Find the solution you need!

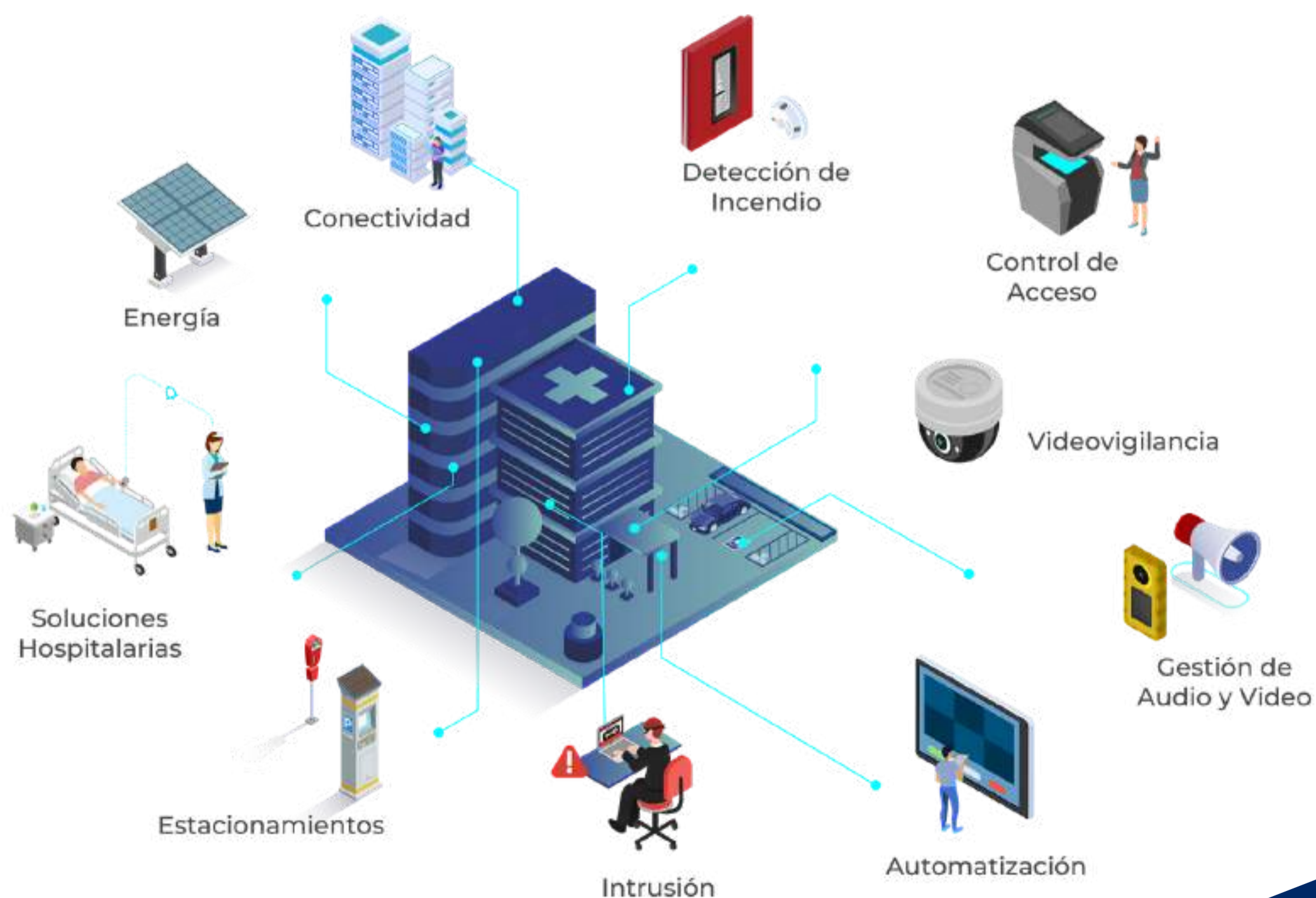| Specialty products	Video surveillance	Control and automation BMS	IT & Connectivity	Intrusion systems	Access control	Detection and suppression

Conectividad

Detección de Incendio

Control de Acceso

Energía

Videovigilancia

Soluciones Hospitalarias

Gestión de Audio y Video

Estacionamientos

Intrusión

Automatización

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 hospital sector, such as Nurse calls, Special doors, Video surveillance systems, Access control, Fire detection and extinction, High-speed networks, Communications systems, Perimeter security, among others.

Nurse call systems:

- Panic buttons
- Patient assistance systems
- Intercoms
- Medication management
- Comprehensive system

Telecommunications infrastructure:

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

Photovoltaic energy systems:

- Solar panels
- Electrical distribution management system

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

Shift management

Whether it is a hospital, laboratory, clinic or other medical care center, **ISTC** provides efficient shift management solutions, which allow optimization of service times in the entities that provide service to users, using cutting-edge technology to make your processes more efficient.
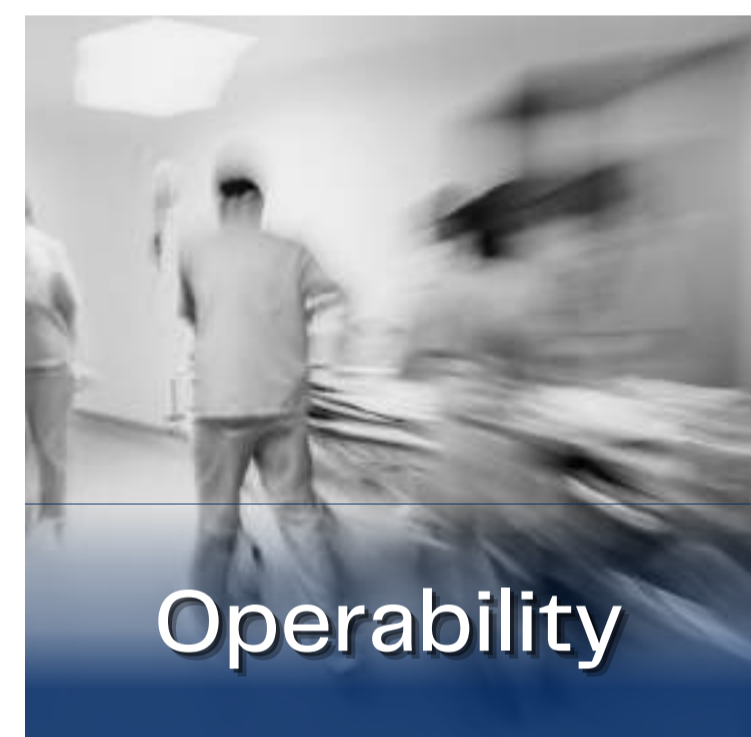
› Control of patients and assets:

- Centralized staff and patient management
- Patient comfort metrics and operability of the medical center and employees
- neonatal control
- Real-time traceability of assets and patients
- Asset status verification (machines operating or under maintenance)
- Equipment reserve
- Loss prevention

› Specialized systems:

- Digital signage
- Collaborative screens
- Large format screens
- Medical monitors
- Automatic doors
- Vehicle barriers
- Parking solutions
- Monitoring rooms
- Videoconferences
- Servers and storage
- Work stations

Functionality

Operability

Benefits

Building Managment 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
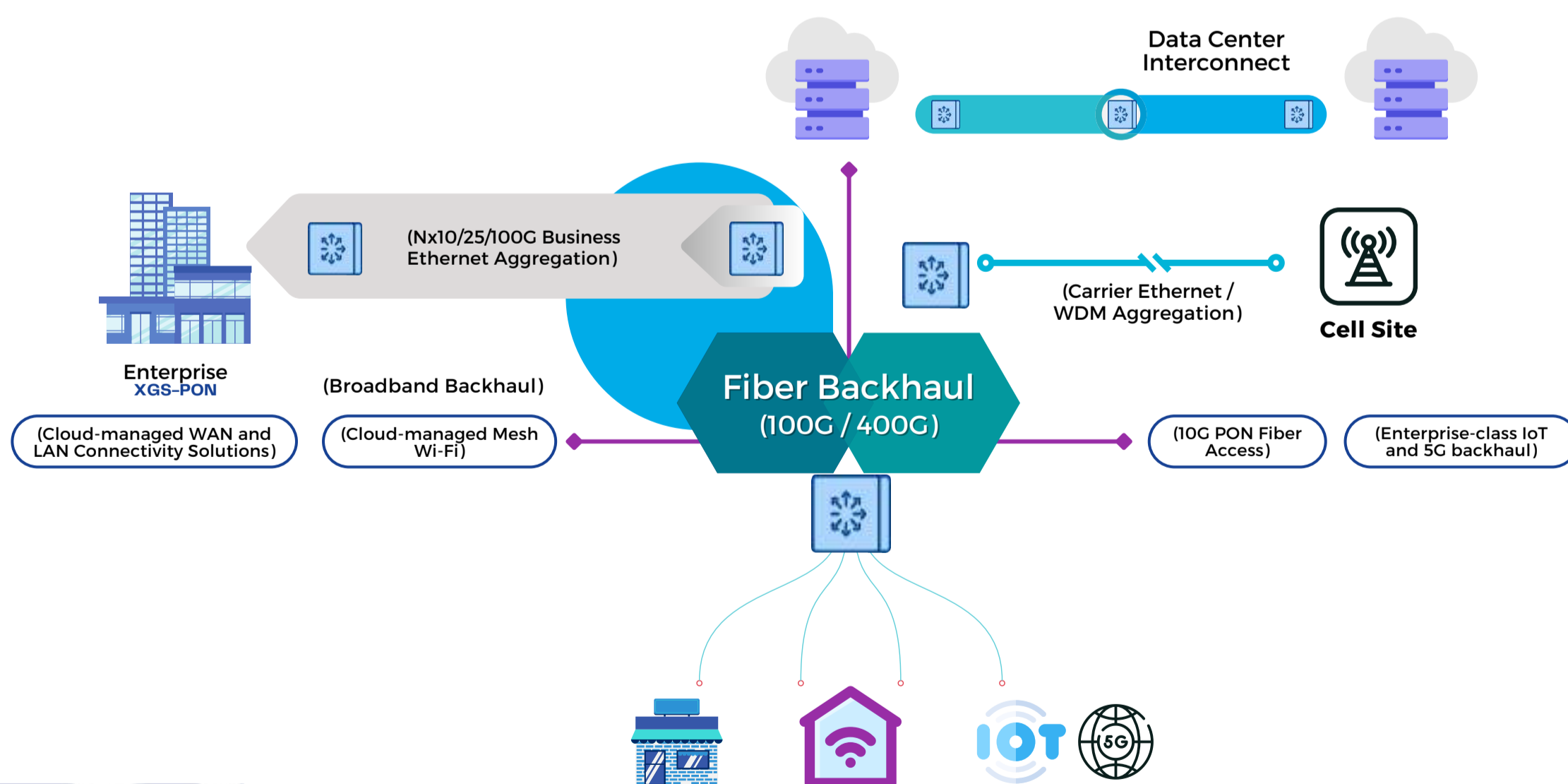
Featured Solutions:

- 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

Data Center Interconnect

(Nx10/25/100G Business Ethernet Aggregation)

(Carrier Ethernet / WDM Aggregation)

Cell Site

Enterprise XGS-PON

(Broadband Backhaul)

Fiber Backhaul (100G / 400G)

(Cloud-managed WAN and LAN Connectivity Solutions)

(Cloud-managed Mesh Wi-Fi)

(10G PON Fiber Access)

(Enterprise-class IoT and 5G backhaul)

Security challenges in HOSPITALS

40%
· Do not have **security** for personnel.

20%
· Of **AI** use generates savings in monetary expenses.

27%
· Of the health sector have dedicated defense programs against ransomware.

Presence

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Hospitals

GUIDE TO RELIABLE AND SECURE SOLUTIONS

Get to know our 15 verticals!

- Hotels
- Industry
- Retail
- Hospitals
- Data Centers
- Mining
- Education
- Oil & Gas
- Banking
- Transportation
- Prisons
- Military
- Airports
- Road Infrastructure
- Smart city