IOT EDUCATION

SCHOOL

Unified Communications

Document Management

Security & Business Intelligence

IOT EDUCATION

At Itec, we deliver exceptional managed business services for educational institutions, including unified communications, document management, security and business intelligence. Watch the IoT Education video **here.**

Our **three core product areas** form the foundation of our expertise and offering, with our other pillars as value-added services.

Our **UNIFIED COMMUNICATIONS** solutions ensure always-on connectivity and mobile collaboration for teachers and students via PBX-integrated softphones, PA systems and wireless interactive displays.

With our considerable experience with **DOCUMENT MANAGEMENT** we provide cost-controlled solutions for digital and production printing. Our goal is to minimise waste, reduce unnecessary printing, and lower costs. We ensure network security with our Follow-Me-Print feature, and we also offer proactive technical service and consumable replenishment to enhance the printing experience..

Our **SECURITY & BUSINESS INTELLIGENCE** solutions secure the campus, outdoor facilities, entrances and exits with sound-enabled CCTV cameras, trackable biometric access controls, and a scalable, remote-access control room.

1. **Entrance & Sports Fields**
2. **Reception**
3. **Admin Office**
4. **Connected Classroom**
5. **Lecture Hall**
6. **Hall / Auditorium**
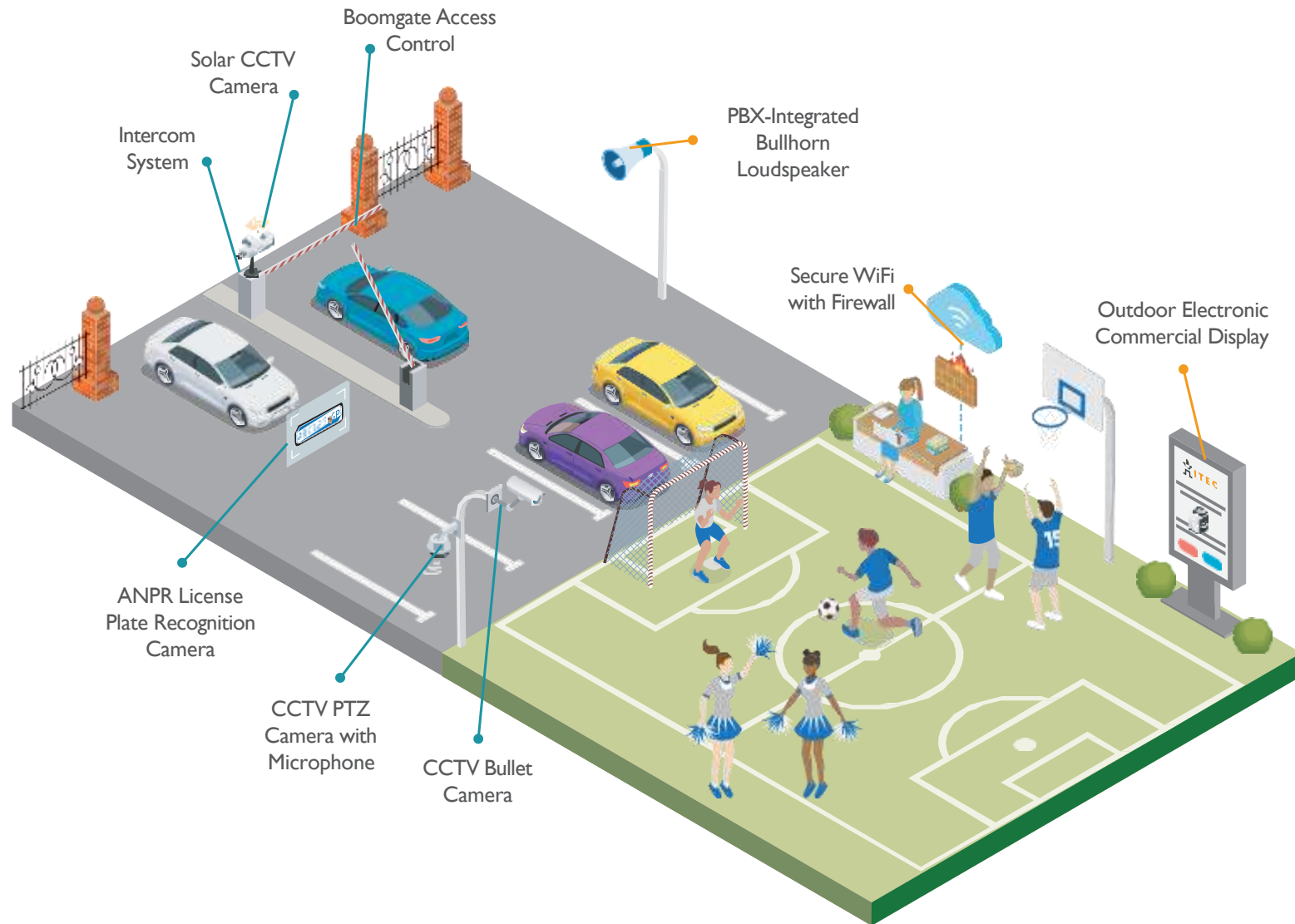7. **Library & Tech Centre**
8. **IT & Print Room**

ENTRANCE & SPORTS FIELDS

Secure & Monitored Outdoor Facilities

Security and traffic control are key priorities at any educational institution's entrance, parking area, and sports fields. By seamlessly integrating surveillance and access-control solutions with state-of-the-art and interconnected digital displays, educational institutions can establish a robust and effective safety infrastructure for their outdoor areas.

Itec's outdoor security solutions include boom gate access control, intercoms and license plate recognition cameras to regulate vehicle and foot-traffic access into the facility. Sound-enabled CCTV PTZ cameras and CCTV bullet cameras provide intelligent surveillance tools to mitigate risks, while solar CCTV cameras ensure always-on security. Our communications solutions include PBX-integrated bullhorn loudspeakers for clear communication in outdoor areas. In addition, firewall-secured WiFi provides reliable and protected internet connectivity, and outdoor electronic commercial displays enable dynamic content sharing and announcements.

Boomgate Access Control

Solar CCTV Camera

Intercom System

PBX-Integrated Bullhorn Loudspeaker

Secure WiFi with Firewall

Outdoor Electronic Commercial Display

ANPR License Plate Recognition Camera

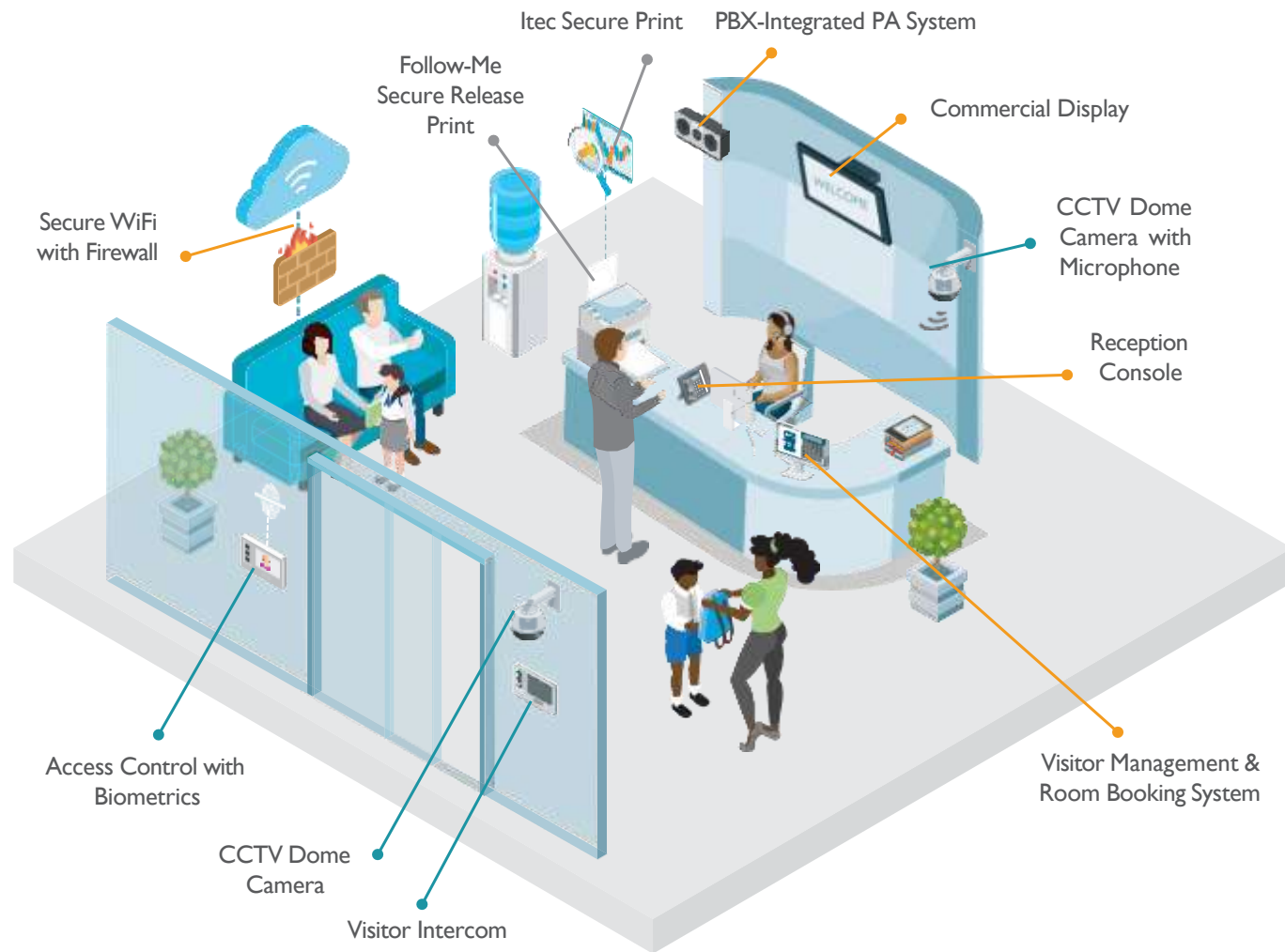CCTV PTZ Camera with Microphone

CCTV Bullet Camera

● Unified Communications

● Document Management

● Security & Business Intelligence

ITEC

RECEPTION

A Well-Managed Entry Point for People & Information

A reception area is the face of an educational institution's brand and manages the flow of people and information into and through the campus. On-site security, visitor management, and communication ensure efficient and rapid response to all visitor and student requests, making for a well-managed initial point of contact.

Itec's integrated security and communication solutions prioritise student safety and precise message delivery. Firewall-secured WiFi ensures reliable and protected internet connectivity. An IP reception console streamlines communication with staff members and parents, while the visitor management and room booking system simplifies the check-in process and optimises space usage. A PBX-integrated PA system enables efficient announcements throughout the campus, with commercial displays providing dynamic and engaging content for visitors. CCTV cameras, biometric access control and intercom systems ensure a safe and controlled environment for everyone entering the premises. A network-secured printer with Follow-Me-Print enhances document security for efficient and cost-controlled document management.

Itec Secure Print
PBX-Integrated PA System
Follow-Me Secure Release Print
Commercial Display
Secure WiFi with Firewall
CCTV Dome Camera with Microphone
Reception Console
Access Control with Biometrics
Visitor Management & Room Booking System
CCTV Dome Camera
Visitor Intercom

- ● Unified Communications
- ● Document Management
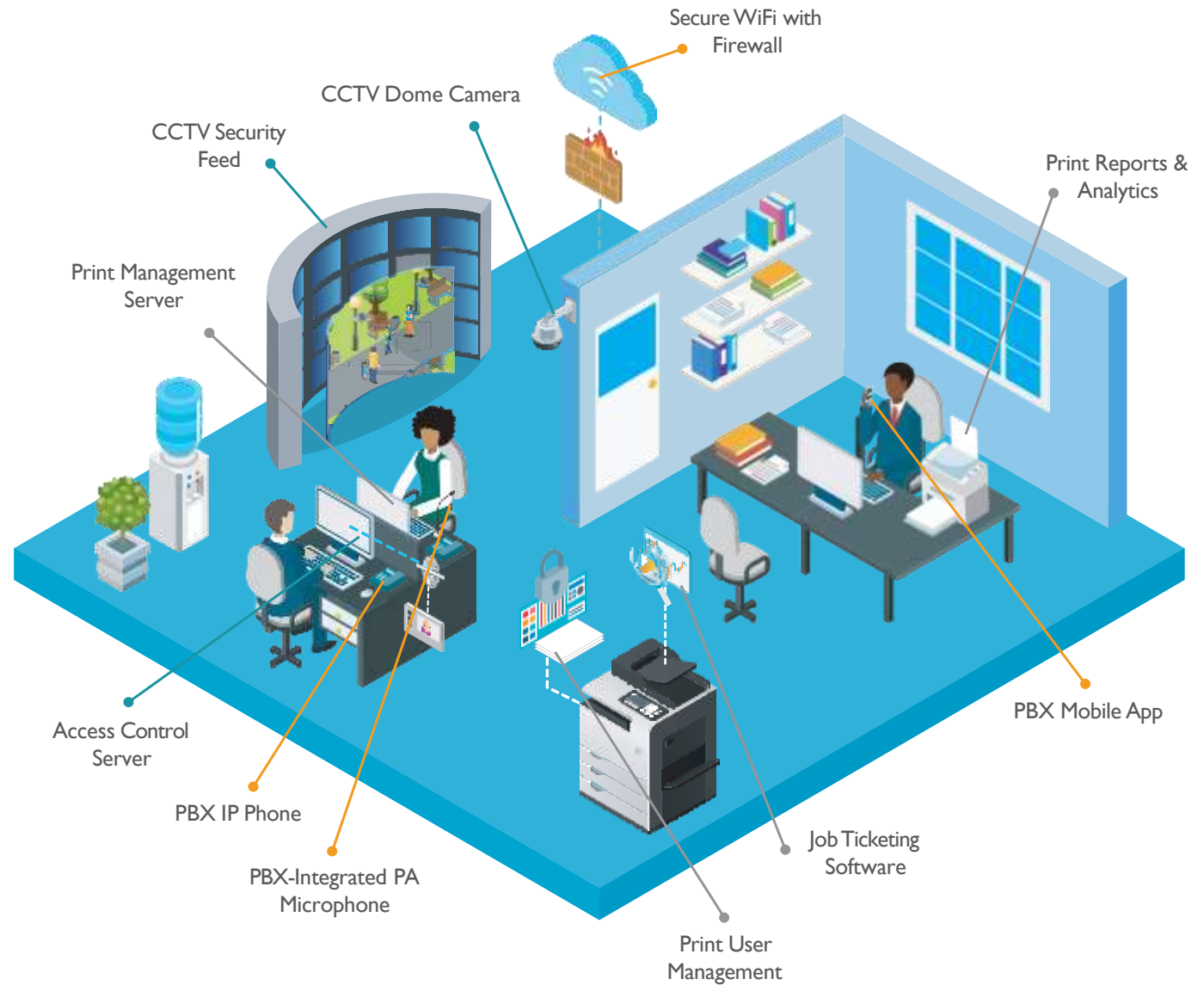- ● Security & Business Intelligence

ITEC

ADMIN OFFICE

Administrative & Cost Control with Analytics & Reporting

An educational institution's admin office is the facility's control centre. Important information is gathered, assessed and communicated with the help of various analytics tools, security and communications systems. These enable the principal and head of security to make intelligent decisions about the operational management and safety of the institution.

Itec has integrated its analytics tools into our solutions from inception. Print management servers, reports, and analytics streamline print operations, while job ticketing software enables efficient print job submission and tracking. Print user management tools ensure proper access control and usage monitoring. A CCTV security feed provides real-time visual surveillance with intelligent monitoring and alerts. Within the office, the principal, secretary and head of security have a biometric access-controlled and CCTV-monitored environment, with firewall-secured WiFi that connects PBX apps and softphones for remote communications. School-wide announcements are made via the PBX-integrated PA system.

Secure WiFi with Firewall

CCTV Dome Camera

CCTV Security Feed

Print Reports & Analytics

Print Management Server

Access Control Server

PBX IP Phone

PBX-Integrated PA Microphone

Print User Management

Job Ticketing Software

PBX Mobile App

● Unified Communications

● Document Management

● Security & Business Intelligence

ITEC

CONNECTED CLASSROOM

Classrooms that Connect People for Collaboration & Learning

Interactive and collaborative learning is a powerful way to educate. A connected classroom must have secure internet access and user-friendly devices and displays. On-site security is paramount for young students as they access facilitated learning tools, interact with teachers and peers and collaborate with multimedia devices and platforms.

Itec can help you build a secure, connected classroom that enables interactive learning. Follow-Me- Print protects document confidentiality and allows students and teachers to release prints at any secured network printer. Our connectivity and communications solutions include PBX IP phones and mobile apps that enable teachers to communicate regardless of location. Remote content and learning tools are shared via projectors, screens and wireless displays and accessed via firewall-secured WiFi. Interactive smartboards with the preloaded South African curriculum engage students in dynamic learning experiences. A PBX-integrated PA system enables campus-wide announcements, and CCTV dome cameras with built-in microphones enhance security by providing visual and audio surveillance within the classroom.

CCTV Dome Camera with Microphone

Secure WiFi with Firewall

Projector

Remote Content Sharing & Learning

Interactive Smartboard with Preloaded Curriculum

PBX IP Phone

Wireless Device Connection

PBX Mobile App

PBX-Integrated PA System

Projector Screen

Secure Release Printing

- Unified Communications
- Document Management
- Security & Business Intelligence

ITEC

LECTURE HALL

User-Friendly, Digital & Interactive Lecture Room

Secure mobile connectivity and interactive multimedia presentation tools are essential for effective learning in tertiary institutions. The technical set-up must be easy to use, with a wireless connection, light, temperature, sound and room booking controls that are access-controlled and user-friendly.

Itec's connectivity and communications solutions include various tools for a smart, connected lecture room. Firewall-secured WiFi ensures reliable and protected internet connectivity for professors and students alike. Projectors, interactive smart screens and wireless displays enable seamless content sharing and interactive presentations, with user-friendly speakers and microphones ensuring clear and amplified audio. Digital room booking systems streamline scheduling, and pre-programmed temperature and light controls optimise the learning environment. A PBX-integrated PA system and LED panels enhance communication and engagement within the lecture hall.

Projector

LED Panels

Wireless Display

PBX-Integrated PA System

CCTV Dome Camera with Microphone

Room Controls

Secure WiFi with Firewall

Room Booking System

Interactive Whiteboard

Speaker

Projector Screen

PBX Mobile App

PBX Softphone / Desktop App

Microphone

● Unified Communications

● Document Management

● Security & Business Intelligence
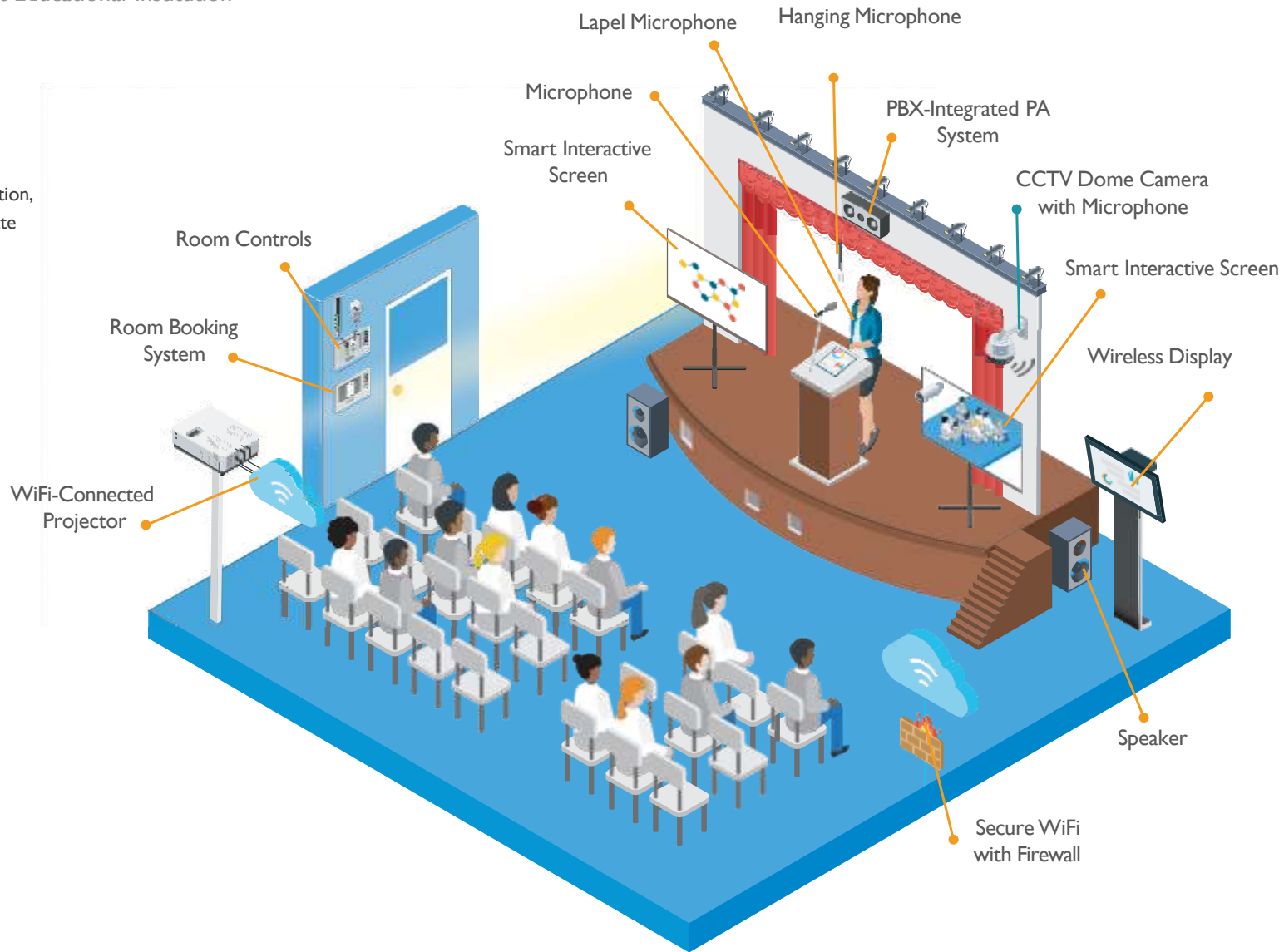
ITEC

Technology & Comfort in a State-of-the-Art Educational Institution

Any Educational Institution Hall requires user-friendly audio-visual equipment and wirelessly connected interactive presentation tools for effective communication, messaging, and stage performances. An easy-to-navigate technical set-up and digital room controls make for a state-of-the-art, comfortable venue.

Itec provides audio-visual and communications solutions, including microphones and speakers, delivering clear and amplified sound. Additionally, we offer smart interactive screens, WiFi-connected projectors, and wireless displays for dynamic and engaging content sharing. A PBX-integrated PA system enables effective school-wide communication, while firewall-secured WiFi provides reliable internet connectivity. A room booking system streamlines scheduling with temperature and light controls to optimise the environment. CCTV cameras with microphones enhance security by providing visual and audio surveillance.

Lapel Microphone
Hanging Microphone
Microphone
PBX-Integrated PA System
Smart Interactive Screen
CCTV Dome Camera with Microphone
Room Controls
Smart Interactive Screen
Room Booking System
Wireless Display
WiFi-Connected Projector
Speaker
Secure WiFi with Firewall

- ● Unified Communications
- ● Document Management
- ● Security & Business Intelligence
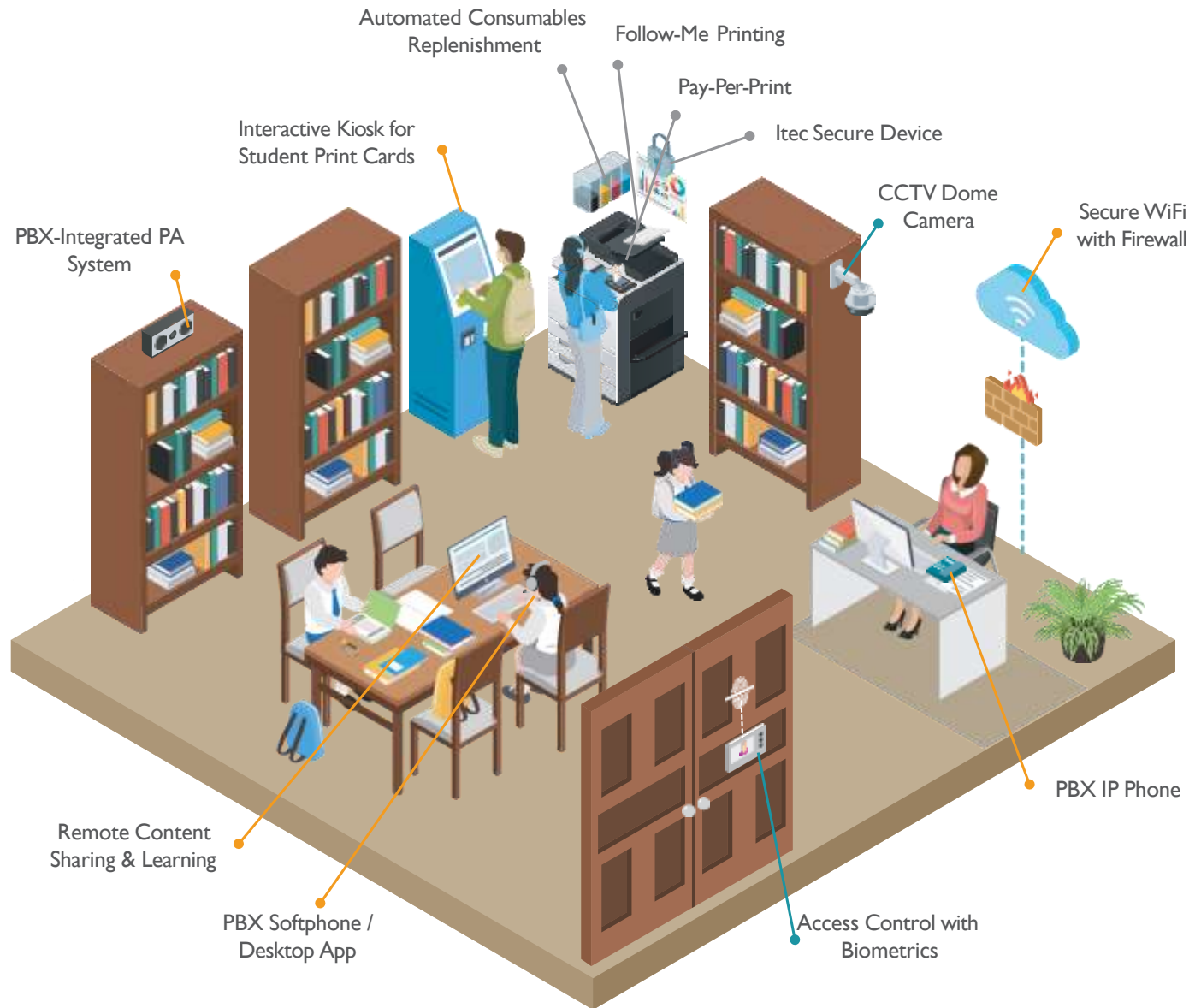
ITEC

Controlled & Safe Access to Information

Educational Institutions' libraries and technology centres can significantly enhance learning by giving students access to the right information at the opportune time. Libraries have expanded from book repositories to connected remote or online learning information centres. Access-controlled connectivity is paramount for young learners, as well as having the right technology for the task.

Itec's integrated communications and connectivity solutions provide freedom in learning with robust safety measures. For tertiary institutions, interactive kiosks allow students to conveniently load printing credits on cards coded for Follow-Me pay-per-print on a secure network. Automated consumable replenishment reduces downtime in any educational facility, with CCTV dome cameras and biometric access control ensuring a safe environment. PBX-integrated PA systems enable campus-wide communication and announcements, and firewall-secured WiFi provides reliable and encrypted internet connectivity. PBX IP phones and softphones allow seamless communication between the facility administrator, faculty, students and parents. Laptops, softphone headsets and access to educational platforms facilitate remote content learning and sharing.

- 🟠 Unified Communications
- ⚫ Document Management
- 🔵 Security & Business Intelligence

Automated Consumables Replenishment
Follow-Me Printing
Pay-Per-Print
Interactive Kiosk for Student Print Cards
Itec Secure Device
CCTV Dome Camera
Secure WiFi with Firewall
PBX-Integrated PA System
Remote Content Sharing & Learning
PBX Softphone / Desktop App
Access Control with Biometrics
PBX IP Phone

ITEC

IT & PRINT ROOM

Cost-Effective, Secure & Efficient Print & Communications

Printed educational materials and a well-managed campus-wide unified communications system are essential elements to keep information flowing effectively in an academic environment. Print, print security and management, efficient, integrated communications and robust security contribute to transparent, cost-effective and efficient back-end administrative processes.

With Itec's extensive experience in document management, print rooms can enjoy cost-controlled production printing with finishing options, forms overlay printing, and automated consumable replenishment that streamline print operations and reduce waste. Print security on the network ensures the confidentiality of sensitive documents. A secure, well-integrated unified communications system empowers the IT department to facilitate seamless, secure communication and collaboration with firewall-secure WiFi, PBX softphones, and wireless displays. Additionally, robust security measures, such as CCTV cameras and access control, contribute to a safe and monitored environment throughout the campus.

- Unified Communications
- Document Management
- Security & Business Intelligence

Print Security on Network

Production Print with Finishing

Print Cost Control

Forms Overlay Printing

Automated Consumables Replenishment

Job Ticketing (Version Controller)

CCTV Dome Camera

Wireless Display

Secure WiFi

Data & Firewall Management

Secure Print Release

Access Control with Biometrics

PBX Softphone / Desktop App

PBX Reporting

Voice Logging (Compliance)

Leased Cost Routing on Voice

Webcam

Visit the **IoT Education** page on our website for more information.

CLICK HERE

ITEC

QUALITY PEOPLE SMART TECHNOLOGY SOLUTIONS

MANAGED
BUSINESS SERVICES