

EDUCATION

Smart Technology for Safe, Connected Schools.

A complete technology partner for schools, colleges and campuses

SAFETY

SECURITY

NETWORKING


















AUTOMATION

IT INFRASTRUCTURE



iditri.co

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WELCOME

Technology That Works as Hard as You Do

Modern schools balance digital learning, campus safety and administrative efficiency — all under tight budgets and with limited in-house IT expertise. ITSPL brings 25+ years of technology experience to education, delivering reliable, integrated solutions that let teachers teach and administrators manage with confidence.

In this guide you will find detailed information on every solution we offer for schools and campuses — from campus Wi-Fi and CCTV to digital classrooms and data backup. Each solution is described with the specific options and variants we deploy, so you can identify exactly what fits your campus.

We invite you to explore, and we look forward to a conversation about your school.

25+

Years of Technology
Experience

12

Integrated Solutions
for Your Campus

3

Regional Offices
Mumbai · Goa · Surat

The ITSPL Team

Iditri Techno Solutions Pvt Ltd





The Challenges Facing Today's Schools

Campus Safety Gaps

Unmonitored entry points, blind-spot corridors and slow incident response put students and staff at unnecessary risk.

Connectivity Shortfalls

Patchy Wi-Fi and underpowered networks disrupt digital classrooms, online assessments and staff collaboration tools.

Manual Processes

Paper-based attendance, visitor logbooks and manual fire drills drain administrative time and introduce compliance risk.

Ageing Infrastructure

Legacy intercom systems, outdated servers and unsupported hardware create reliability issues and security vulnerabilities.

Cyber & Data Threats

Student records, exam data and admin systems are prime targets for ransomware and breaches, yet many campuses run with no firewall or reliable backup in place.

Stretched IT Support

With little or no in-house IT team, faults linger unresolved, systems go unpatched, and minor glitches escalate into classroom downtime.



Campus Networking & Wi-Fi

A robust structured-cabling backbone and enterprise-grade wireless network that supports digital classrooms, labs, administration and outdoor areas — with centralised management and quality-of-service controls to keep learning uninterrupted.

WHAT WE DELIVER

✓ Structured Cabling

Cat6A/fibre backbone, tidy cable management, future-ready capacity

✓ Enterprise Wi-Fi

High-density access points, seamless roaming, band steering

✓ Network Switches

Managed PoE switches, VLAN segmentation, redundant uplinks

✓ Controller & NMS

Centralised wireless controller, real-time performance monitoring

✓ Bandwidth Management

QoS policies, content filtering, per-SSID bandwidth allocation

✓ Outdoor Coverage

Weatherproof APs for courtyards, sports grounds and campus perimeter

BRANDS WE DEPLOY





02 CCTV & Surveillance

Full-campus video coverage from entry gates to classrooms and corridors, using IP cameras with night vision and remote access. Recorded footage supports incident investigation, deters misconduct and gives management real-time visibility from any device.

WHAT WE DELIVER

✓ IP Dome Cameras

Indoor fixed cameras, vandal-resistant housings, wide-angle lenses

✓ PTZ & Varifocal

Pan-tilt-zoom for large open areas; motorised varifocal for corridors

✓ NVR & Storage

Network video recorders with RAID storage, scalable retention

✓ Night Vision

IR illuminators, low-light sensors for 24-hour coverage

✓ Remote Access

Secure mobile app and web portal for live and recorded viewing

✓ Analytics

Motion detection, intrusion alerts, crowd density notifications

BRANDS WE DEPLOY



03 Biometric Attendance

Automated staff and student attendance using fingerprint or face-recognition terminals at key entry points. Real-time data syncs to the school management system, eliminating manual registers and providing accurate records for payroll and compliance.

WHAT WE DELIVER

✓ Fingerprint Terminals

Fast, hygienic multi-finger readers at gates and staffrooms

✓ Face Recognition

Touchless face-ID units for high-throughput entry points

✓ Attendance Software

Web dashboard, class-wise reports, late/absent alerts to parents

✓ SMS/Email Alerts

Automated notifications to parents on entry and exit

✓ Payroll Integration

Direct export to HR/payroll systems, eliminating manual data entry

✓ Access Linking

Attendance record tied to door-access permissions per zone

BRANDS WE DEPLOY

MATRIX
TELECOM | SECURITY

eSSL
Security of Fingerprints

ZKTECO

BioMax
Mobile Biometrics, Non-invasive

Suprema
SECURITY & BIOMETRICS

CP PLUS



04 Access Control & Visitor Management

Controlled entry to classrooms, labs, server rooms and the main gate using card or biometric access. A digital visitor management kiosk logs all guests, prints badges and alerts host staff — replacing paper logbooks with a secure, auditable record.

WHAT WE DELIVER

✓ Card/Fob Access

RFID proximity cards and fobs for staff and authorised personnel

✓ Biometric Doors

Fingerprint or face-ID door controllers for sensitive areas

✓ Boom Barriers

Vehicle-access barriers at main gate with ANPR option

✓ Visitor Kiosk

Self-service check-in, ID scan, badge printing, host SMS notification

✓ Interlock Doors

Mantrap / airlock-style entry for server rooms and labs

✓ Audit Trail

Full time-stamped log of every entry, exportable for compliance

BRANDS WE DEPLOY



05 Firewall & Network Security

Enterprise-grade firewalls, content filtering and endpoint protection that keep students safe online and school data secure. It also provides a dedicated student SSID with age-appropriate filtering and a separate staff network with policy-based internet access.

WHAT WE DELIVER

✓ NGFW Firewall

Next-generation firewall with IPS, deep-packet inspection

✓ Web Filtering

Category-based URL filtering, safe-search enforcement for students

✓ Endpoint Security

Managed antivirus and EDR across all school devices

✓ Email Security

Anti-spam, anti-phishing gateway protecting staff mailboxes

✓ VPN Access

Secure remote access for admin and IT staff working off-site

✓ Security Audit

Periodic vulnerability scans and configuration review reports

BRANDS WE DEPLOY

FORTINET

CISCO

SOPHOS

SONICWALL

PALOALTO NETWORKS

JUNIPER NETWORKS



06 AV & Digital Classrooms

Interactive flat panels, projectors and audio systems that transform classrooms into engaging digital learning environments. The same systems extend to digital signage for corridors and notice boards, so announcements reach every part of the school.

WHAT WE DELIVER

✓ Interactive Panels

75"-86" touch displays with built-in Android, whiteboard software

✓ Laser Projectors

Short-throw projectors with long lamp life for large halls

✓ Classroom Audio

Ceiling speakers, teacher microphone, amplifier for clear audio

✓ Digital Teaching Tools

Document cameras, visualisers and screen-share for richer lessons

✓ Video Conferencing

PTZ camera, speakerphone and VC software for virtual classes

✓ Control Systems

One-touch room control panels, automated blinds and lighting tie-in

BRANDS WE DEPLOY



07

PA & Emergency Communication

A zoned public address system covering every classroom, corridor and outdoor area — used for daily announcements and, critically, for emergency evacuation alerts. It integrates with the fire alarm panel to broadcast automatically the moment an alarm is triggered.

WHAT WE DELIVER

✓ Zoned PA System

Independent audio zones per floor or block, central matrix amplifier

✓ IP Paging

Network-based paging with scheduled bells and live broadcast

✓ Emergency Priority

Fire-alarm integration: PA overrides all zones on trigger

✓ Outdoor Speakers

Weatherproof horn speakers for playgrounds and main gate

✓ Background Music

Scheduled music/announcement playback for assemblies

✓ Intercom Stations

Staff intercom between reception, security post and key rooms

BRANDS WE DEPLOY



08

Servers, Storage & Data Backup

Reliable on-site servers and protected storage for the school management system, student records, exam data and digital learning content — with automated backups that keep critical information safe from hardware failure, ransomware and accidental loss.

WHAT WE DELIVER

✓ School Server

On-premise server for the ERP/management system, with redundant power and storage.

✓ NAS Storage

Network-attached storage for exam papers, results, photos and learning material.

✓ Automated Backup

Scheduled daily backups with versioning, so records can be restored to any point.

✓ Offsite/Cloud Copy

An encrypted second copy held offsite, protecting data even if the campus is affected.

✓ UPS & Power Protection

Battery backup and surge protection keeping servers safe through outages.

✓ Recovery Planning

Documented restore procedures and periodic recovery drills for peace of mind.

BRANDS WE DEPLOY





Computer Lab Setup & Management

Complete computer lab setup and ongoing management — from desktops and lab networking to software, security and maintenance — giving students a reliable, well-managed environment for digital learning, coding and online assessments.

WHAT WE DELIVER

✓ Desktops & Workstations

Branded desktops or thin clients sized for the curriculum, set up and ready to use.

✓ Lab Networking

Structured cabling, switches and Wi-Fi dedicated to the lab, isolated from admin traffic.

✓ Lab Management Software

Teacher-console software to monitor screens, push files and lock systems during exams.

✓ Software & Licensing

Properly licensed operating systems, office and educational software, kept updated.

✓ Endpoint Security

Antivirus, web filtering and user restrictions so lab systems stay clean and safe.

✓ Lab AMC

Scheduled maintenance, imaging and rapid replacement to keep every seat working.

BRANDS WE DEPLOY



Lenovo



logitech





10 Digital Signage & Campus Communication

Digital screens across the lobby, corridors and key areas that keep the whole campus informed and inspired — displaying daily notices, event schedules, student achievers, school accomplishments and live announcements from one central system.

WHAT WE DELIVER

✓ Lobby & Corridor Displays

Large screens at the entrance, corridors and common areas, professionally mounted.

✓ Notice Board & Events

Daily circulars, timetables, exam schedules and event calendars, updated centrally.

✓ Student & School Achievers

Spotlight boards celebrating toppers, sports winners and school accomplishments.

✓ Central Content Management

One web dashboard to design and schedule content across every screen.

✓ Live Announcements

Instant campus-wide messages and emergency alerts pushed to all displays.

✓ Templates & Scheduling

Ready-made school templates; content auto-rotates by time, day or zone.

BRANDS WE DEPLOY

SAMSUNG

LG

benq

ViewSonic

Optima

EPSON

11 Cloud & Email for Staff

Professional email and cloud productivity for teaching and administrative staff using Microsoft 365 or Google Workspace for Education — secure communication, shared documents and online collaboration on a managed, school-branded platform.

WHAT WE DELIVER

✓ School-Branded Email

Professional mailboxes on the school's own domain for every staff member, fully managed.

✓ Microsoft 365 / Google Workspace

Licensing, setup and migration to the platform that fits the school.

✓ Cloud Document Storage

Shared drives for departments, with controlled access and version history.

✓ Online Collaboration

Calendars, video meetings and document co-editing for staff coordination.

✓ Account Management

Joiner/leaver handling, password policies and access control across the platform.

✓ Email Security

Anti-spam, anti-phishing and backup protecting staff communication and data.

BRANDS WE DEPLOY





12

Annual Maintenance & Support

A comprehensive AMC covering all installed systems — CCTV, networking, biometrics, access control, AV and PA — with scheduled preventive visits, priority breakdown response and a single point of contact for all technology support needs.

WHAT WE DELIVER

✓ Preventive Visits

Scheduled quarterly or half-yearly on-site inspections and health checks

✓ Priority Response

Guaranteed response SLAs for critical system faults — minimising downtime

✓ Remote Monitoring

24x7 remote visibility into key systems; issues flagged before they escalate

✓ Spare Management

Stocked critical spares at our depots for rapid swap-out and restoration

✓ Documentation

Up-to-date as-built drawings, asset registers and maintenance logs always on hand

✓ Escalation Path

Defined escalation matrix from field engineer through to senior management

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What Schools Achieve with ITSPI

Safer Campus

End-to-end surveillance and access control with no blind spots or unmonitored entry points

Reliable Connectivity

Stable, fast Wi-Fi across every classroom, lab and staffroom — zero dead zones

Time Saved Daily

Automated attendance and digital visitor logging free up hours of administrative effort

Confident Management

Real-time visibility and a single support partner mean faster response and less downtime

Why IT SPL?



25+ Years

Decades of hands-on experience deploying technology in Indian industry

End-to-End

Design, supply, installation, integration and ongoing support — one partner

Multi-Sector

Deep expertise across manufacturing, education, healthcare, retail and more

Local Presence

Offices in Mumbai, Goa and Surat; fast on-site response wherever you are

TECHNOLOGY BRANDS WE DEPLOY



Let's build the right technology
for **your school.**



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