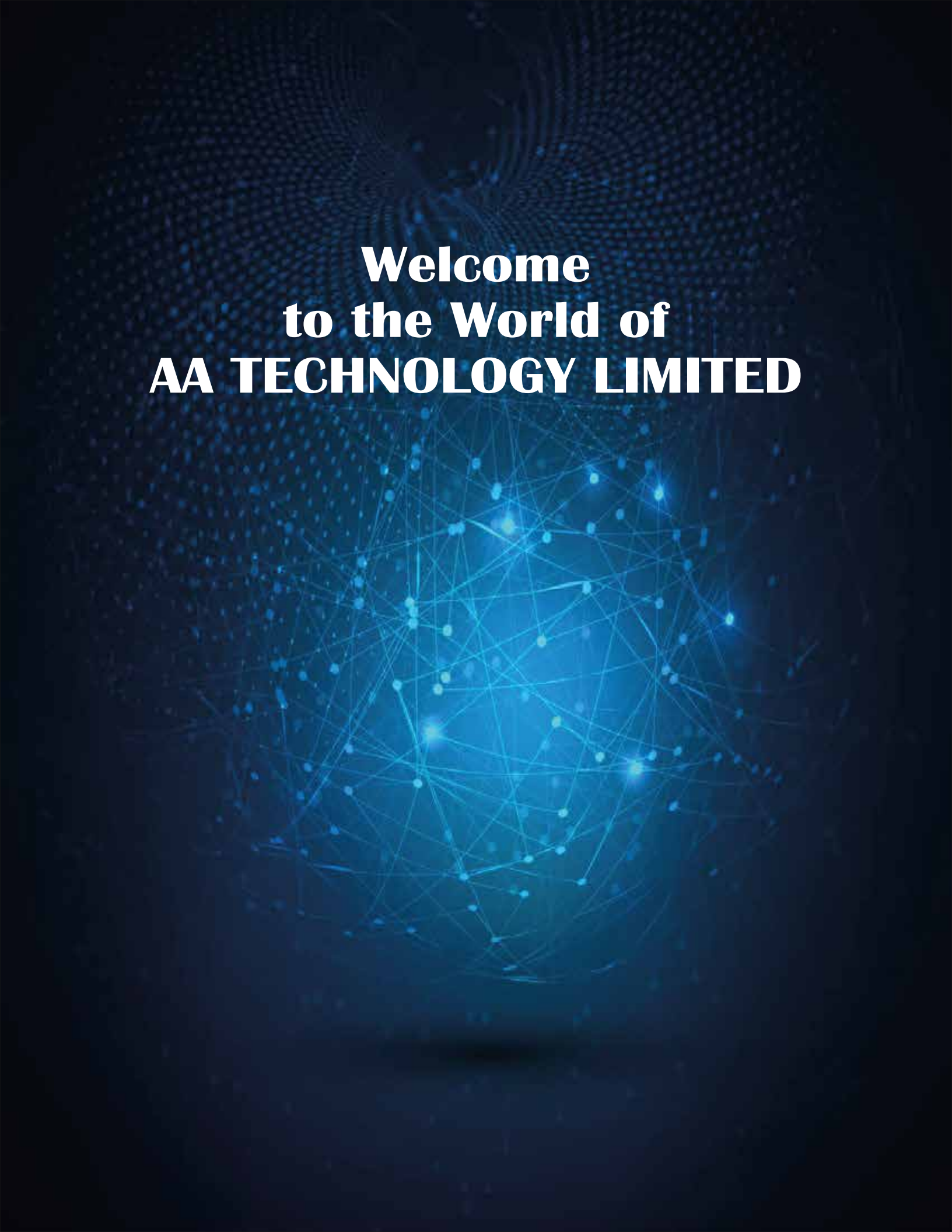
AA TECHNOLOGY LIMITED

BUSINESS PROFILE

www.aatech.com.bd


Welcome
to the World of
AA TECHNOLOGY LIMITED

MESSAGE FROM MANAGING DIRECTOR

Companies have a major role to play in meeting the challenges we face as a society and helping to make the world safer and more sustainable. When we work hand-in-hand with the community, we can move a little closer towards these goals.

By setting up the AA Technology Ltd, we want to expand the company's community engagement in ways that are relevant to our core mission of making the world a safer place through innovation and new technology.

The kind of work we do makes us well aware of the needs of humanitarian relief organizations, quite simply because, directly or indirectly, we contribute to their efforts. By providing our support and our technologies to the partners and professionals who are directly involved in these areas, we believe we can make a difference for the people they help.

AA Technology Ltd, employees were closely involved in setting up the foundation, and today they are proud and excited to be part of this adventure. Everybody can get involved, contributing their expertise and experience — or simply with their time and energy.

COMPANY INFORMATION

AA Technology Ltd. is an Information Technology Servicing Company, Corporate Headquarter located in Naya Paltan, Dhaka (Capital of Bangladesh) providing service to clients nationwide. We are built on technical and technological know-how. We enjoy discovering new possibilities in the field of Intelligence Solutions, IT services, as well as Manufacturing.

AA Technology Ltd. belongs to Nannu Group of Companies. Nannu Group started its journey in 1973. It has in these years built long term partnerships with different national and multinational renowned companies and organizations in different fields of specialization to work as associates, enabling it to meet the challenges of time successfully. This adds both extra strength and professional capability to take up ever new challenging jobs with confidence. We are driven by our desire to always create the most fitted solution to every customer. We understand the technologies we work and we know how to implement them in the best possible way.

Currently AA Technology Ltd. provides several hi-tech solution including Lighting Automation, BMS, AHD & IP CCTV System, IP Telephony System, Video Conferencing System, Networking services & Related products, Paging System & IP Based PA System. We are National Distributor of Merit Lilin (35 years experienced IP CCTV manufacturer from Taiwan), Fanvil (Whole range of IP Phone set provider), Yeastar (Providing complete IP PBX solution in easy and smart way), Planet Technology Corporation (Pioneer of IP Innovation, Leading global provider of IP-based networking products and solutions from Taiwan), Vidyo (The Global leader in VIDEO Collaboration from USA), DSPPA (Creating the best, Sounding the world using IP Based PA System), Videonetics (The future of Video computing, who are adding sense to surveillance). Cantonk, Nuveq, Axis, Tyco Johnson Control Lutron etc.

PHL Proper Hospital Limited
we are here to care
a full fledged hospital

majenta

Nannu Spinning Mills Limited
A Canada-Bangladesh Joint venture project

Nannu Textile Mills Limited

বেক্সিমকো ফেব্রিক্স

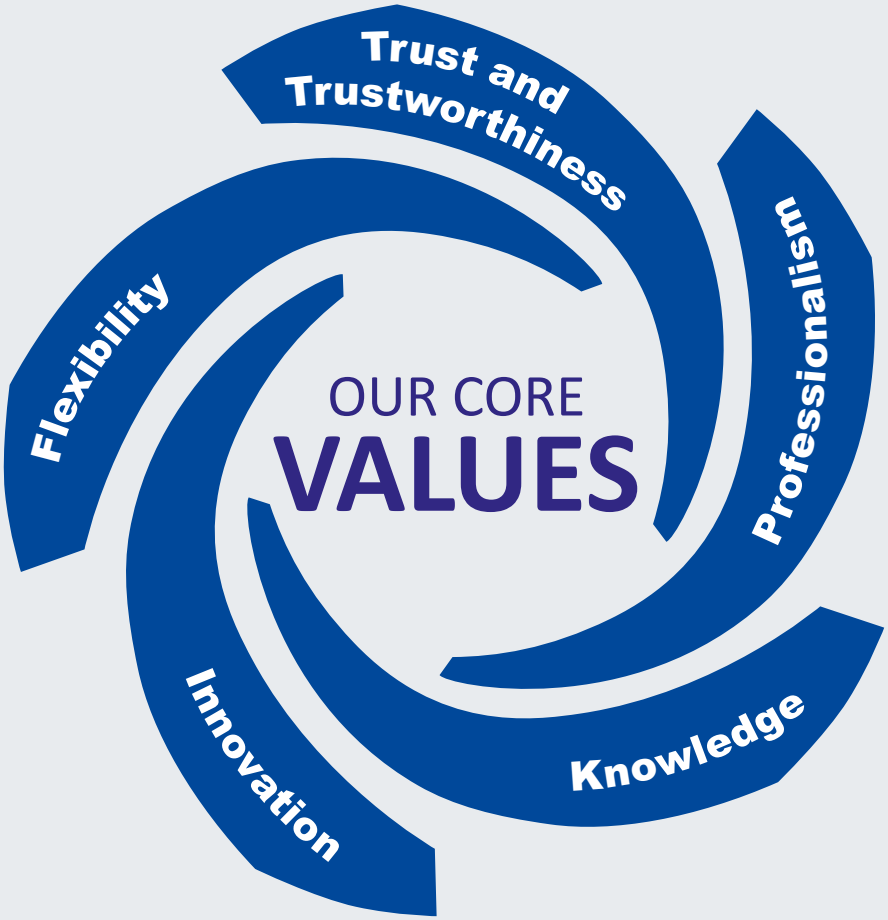
BM RAJIB TWISTING MILL

Excel Properties Limited
A Canada Bangladesh joint venture project

M/S SOHEB CORPORATION
WHOLE SELLER OF CLOTH MERCHANT (SINCE 1973)

EXCEL IMPORT & EXPORT CORPORATION
A Trusted Name in Dyes & Chemicals

Tex Trade International
Whole Seller & Retailer of Textile Dyes & Chemicals



VISION & CORE VALUES

Our vision is the touch the lives of every individual in the country we operate and elevate their quality of life with our innovations and solution. To this end, we've set goals to help us achieve leadership across our business. As we lead, we will also serve, continuing to foster a corporate culture in which in serving others is held in the highest regard.

We operate with the spirit of trust and loyalty above all else. They are reflected in our core values and serve as the guiding force behind how we do business and why we innovate.

At-A- GLANCE

4 + Branches

20 + Product Distributor

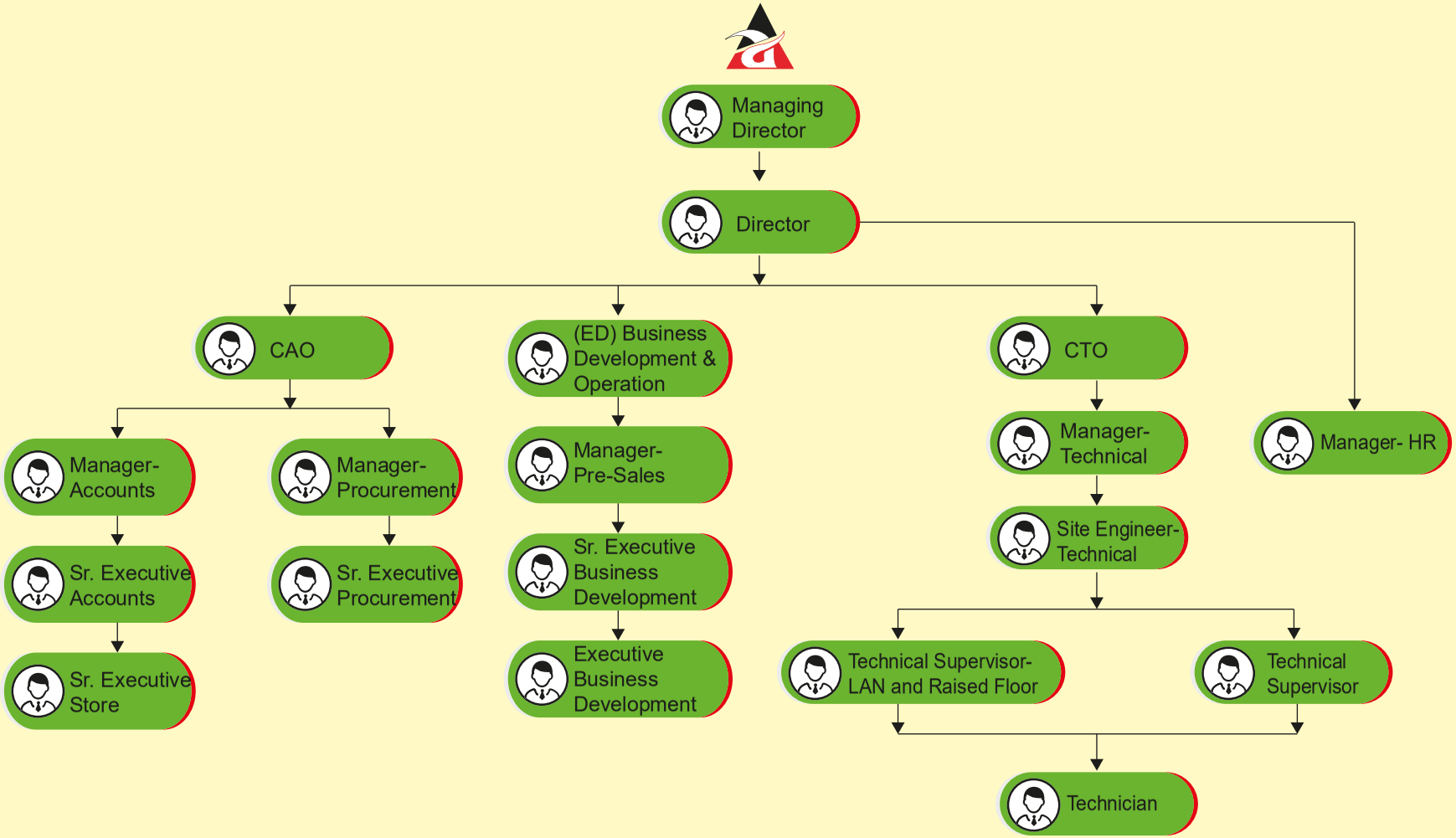
120+ Employees

Name	: **AA TECHNOLOGY LTD.**
Type of Company	: Private Company Limited by Shares
Year of Establishment	: 2015
Business	: System Integrator of Safety & Security Products
Present Departments	: Project Management, Sales & Customer Support, Hardware Repair Center, Commercial, Admin & HR, Accounts, Inventory & Business Operations
Number of Employees	: 100-120
Registered Address	: 1,1/1,Rupayan Taj, L-3, Box Culvert Road, Naya Paltan, Dhaka- 1000.
E-mail	: info@aatech.com.bd
Website URL	: www:aatech.com.bd

Major Clients

Low and Order Coordination Committee (LOCC)	Saudi Arabia Embassy
Special Branch (Bangladesh Police)	Turkey Embassy
Rapid Action Battalion	Ministry of Labour and Employment
Dhaka Metropolitan Police (DMP)	Standard Chartered Bank Ltd.
Dhaka District Police	United Commercial Bank Ltd.
Dhaka Entry-Exit Gate Surveillance	Eastern Bank Limited
National Parliament House	Titas Gas
Oman Embassy	Nannu Textile Limited
Rajshahi Metropolitan Police	Rubiya Textile Limited
Bangladesh Air Force	Bengal Group of Industries
Bangladesh Army	M.A Matin Cotton Mills
DNCC City Surveillance	Unimex Textile Limited
Zam Zam Tower	Dhaka Wasa
Fortune Tower	Lafarge Holcim Bangladesh
Meghna Group of Industries	

ORGNIZATION CHART



OUR SERVICES & SOLUTIONS

AA Technology Ltd, has worked hard to establish a track record of dependability and has over 4 years' experience of providing top quality products and services at cost effective pricing. AA Technology Ltd, is actively pursuing new business and we look forward to partnering with you for designing new construction and retrofitting projects.

City Surveillance

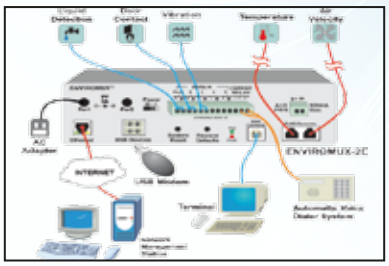
IP Telephone

Advanced Detection

Fire Protection

Lighting Automation System

Building Management System (BMS)



Environment Monitoring System (EMS)

Public Address System (PA)

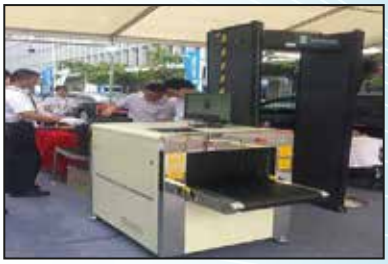
Public Address Voice Alarm (PAVA)

Video Monitoring System (VMS)

Enterprise Access Control System

Intruder Alarm Systems

Archway Scanner



Baggage Scanner

Parking Guidance System (PGS)

Vehicle Barrier

Under Vehicle Surveillance System

Retail

Transport

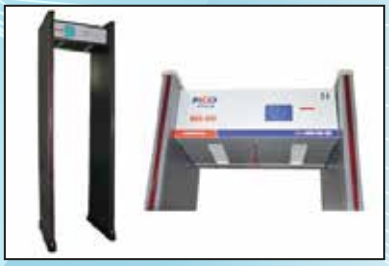
Commercial

Safe Cities

Critical Infrastructure

Government

Education



Turnstyle Handheld Metal Detector

Healthcare

Industrial

Hotel and Restaurant

Prisons & Correctional Facilities

Stadiums and Venues

Data Center

Network Audio System

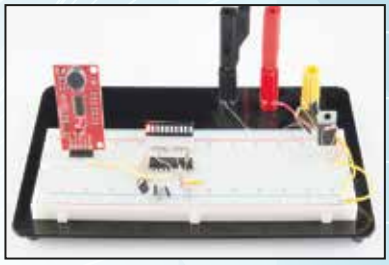
Facial Recognition

License Plate Recognition

Mobile Surveillance

People Counting

Intrusion Protection



Sound Detection

Mobile Access Control

Network Cameras

Video Encoders

Network video recorders

Accessories

Video Management Software

Analytics & Others Application

Access Control

Network Audio System

System Devices

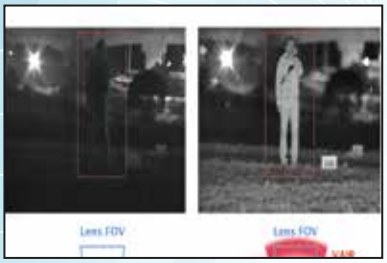
TECHNOLOGIES

Smart Stream ii /smart codecs/ H.265/H.265+/Zip stream

FWDR

Light Finder

Thermal Technology

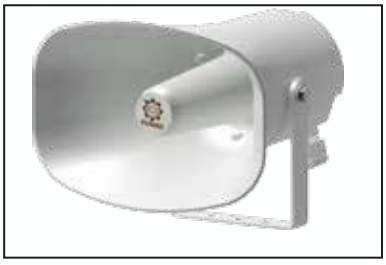


Long Distance IR

Sharp Dome

Radar

Customized Solutions



Network Horn Speaker

VIRTUAL DOME PROTECTION CONCEPT

COMPREHENSIVE VIDEO TERMINALS

Box Camera Series	Dome Camera Series	Semi-dome Camera Series	IR Camera Series
Fisheye Camera Series	**DVR Series**	**NVR Series**	**DVS Series**
Wireless DVR Series	**LED & Flash Light**	**Decoder Seires**	**Integrated Platform Series**

- ISP Algorithm
- Intelligent Infrared
- Intelligent Analysis
- 3D Noise Reduction
- 3D Positioning
- ROI Technology

LPR CAMERA & NVR INTEGRATION VIDEO

Recording and LPR solutions for parking lot business, apartment, & home NVR recording, snapshot, and meta data integration for LPR camera Number plate capturing from LPR cameras NVR time bar playback by number plate snapshots NVR event triggering by camera denial, allowed, and/or visitor list

TRANSPORTATION SOLUTION

Making sure passengers get where they need to be is more than just a service. Video surveillance of public transportation has become a necessity for many urban areas. It is very challenging to make the smooth operation and protection of public transportations; However, LILIN's mobile video solution provides Comprehensive video coverage for transit vehicles and railway system.

Main Features:

- ✓ Maintains superior performance even in the toughest conditions
- ✓ EN50155 Certification-withstand severe shock and vibration
- ✓ Outstanding recording performance
- ✓ GPS Communications
- ✓ Easy installation and rugged design
- ✓ Suitable for public & commercial transportation applications

LILIN video recorders and cameras meet international standards of protection against vibration and shock, which helps you to secure public transportation infrastructure using our integrated video solutions. Mobile Network Video Recorder, NVR408M, is designed for use in moving vehicles, remote locations, or rugged environments working in harsh and demanding conditions, to deliver quality video surveillance solutions. Rugged compact design with GPS navigation option available, typical usage includes trains, buses, trucks, cars, airplanes, ships, and other applications suiting law enforcement or public transport solutions. NVR408M is EN50155 certified product, which ensures the use of railway application and able to withstand severe vibration and shock.

LICENSE PLATE RECOGNITION CAMERA

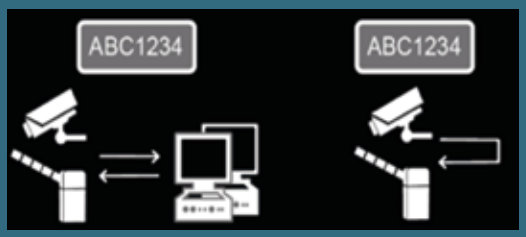
Take a First Look

LPR edge camera, no more PC.

LPR for Gate Control

Number plate recognitions in a camera without a PC Open a gate after recognizing an allowed number plate LILIN Viewer notification after recognizing a denial number plate Easy web management for entering date & time for limited access

The Issue



Open the gate Open the gate

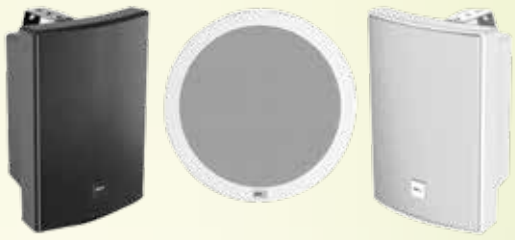
No more PC, LPR, camera words standalone for gate opening

NETWORK HORN SPEAKER FOR IP SURVEILLANCE

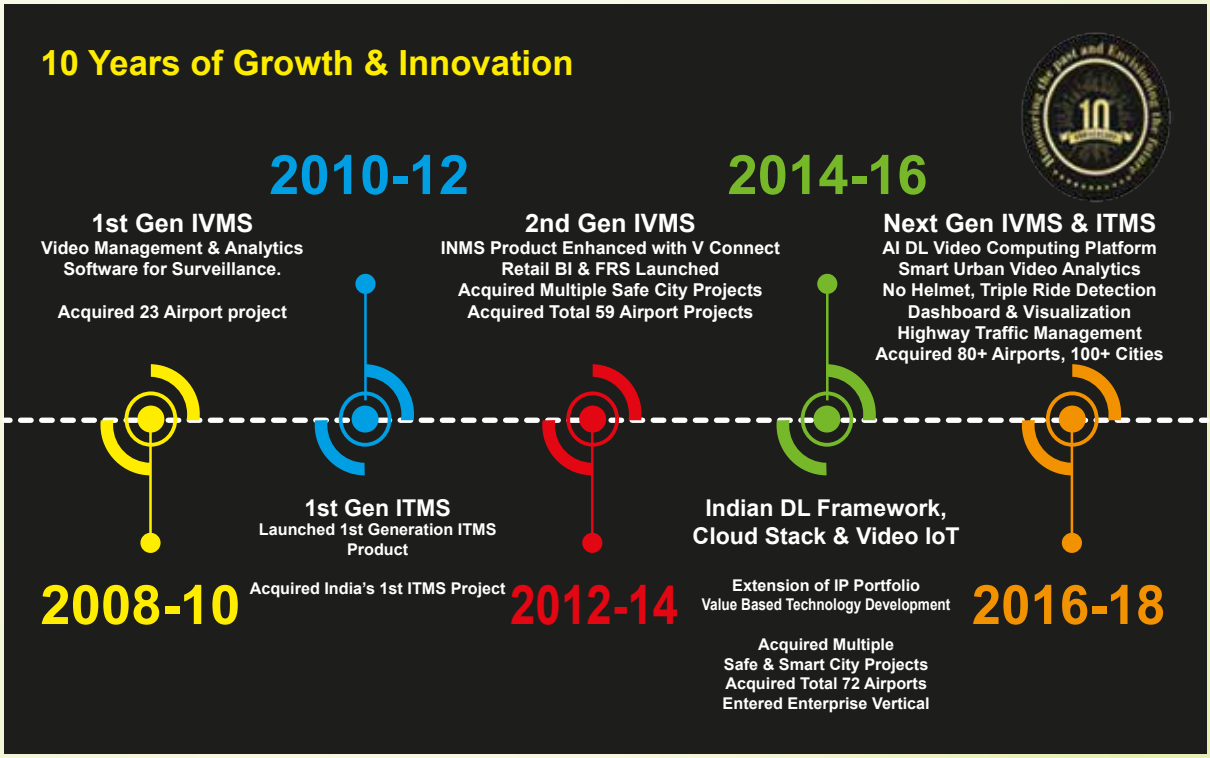
- ✓ Clear, long-range speech
- ✓ Simple installation with network cable and PoE
- ✓ Easy integration with major video management software
- ✓ Supports SIP (VoIP)
- ✓ Ensured reliability with Auto Speaker Test
- ✓ Outdoor-ready

NETWORK SPEAKERS FOR IP SURVEILLANCE

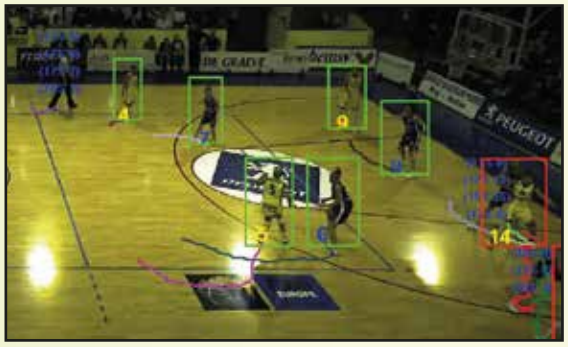
- ✓ All-in-one speaker system
- ✓ Quick installation with just one network cable (PoE)
- ✓ Easy music streaming
- ✓ Scheduled and customized playlists
- ✓ Scheduled or live voice announcements
- ✓ Future-proof with openness and integration



ARTIFICIAL INTELLIGENCE AND DEEP LEARNING



INTELLIGENT ANALYSIS FUNCTION (WITH ANALYSIS MODULE)



Object Tracking

Intrusion Detection

Material Removing

Deep Learning

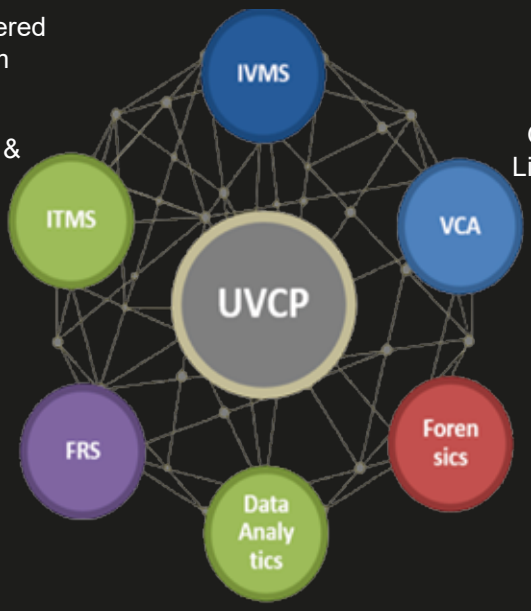
AI & DL Powered Unified Video Computing Platform (UVCP)

World's first AI & DL Powered Video Computing Platform

Truly Unified Architecture & Integrated Platform

GPU enabled- CUDA/Nvidia, Intel Open Vino

Rich Integration Framework - API



Platform Independent

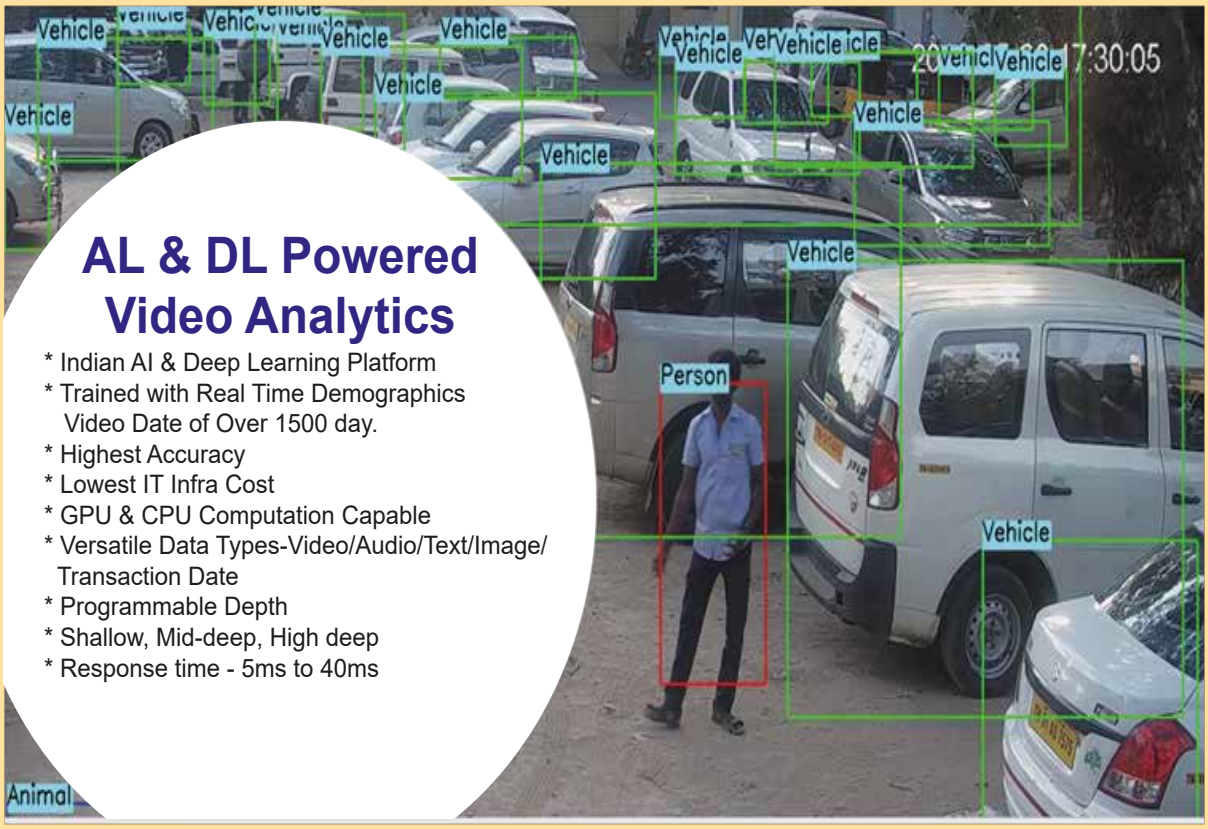
OS Agnostic - Windows, Linux, Unix, Mac OS, etc.

Database & Vendor Agnostic

Web-enabled & Browser Agnostic

INTELLIGENT VIDEO MANAGEMENT SOFTWARE (VMS)

- ✓ Unified Video Center
- ✓ Distributed Architecture
- ✓ Fault Tolerant Architecture (Application, Database, Storage, Server)
- ✓ Scalability-Unlimited Cameras, VA, ITMS
- ✓ Cameras, OS, Database & Computing Hardware Diagnostic
- ✓ Intelligent Algorithm-Dynamic Load Balancing
- ✓ ONVIF Compliant
- ✓ Integrated GUI-Surveillance & Analytics
- ✓ Mobile and Web Client
- ✓ Open Architecture-Published APIs



AL & DL Powered Video Analytics

* Indian AI & Deep Learning Platform
* Trained with Real Time Demographics Video Date of Over 1500 day.
* Highest Accuracy
* Lowest IT Infra Cost
* GPU & CPU Computation Capable
* Versatile Data Types-Video/Audio/Text/Image/ Transaction Date
* Programmable Depth
* Shallow, Mid-deep, High deep
* Response time - 5ms to 40ms

INTELLIGENT TRAFFIC MANAGEMENT SYSTEM-SPEED DETECTION

- ✓ Non intrusive video Based Vehicle Speed Detection
- ✓ Automatic Speed Violation Detection
- ✓ In Built Vehicle Classification
- ✓ Vehicle Category-wise Speed Limit Configuration (e.g. 2-wheeler 50 km/hr, 4whleeler 80 km, hr, Heaving vehicles 60 km/hr, tec.)
- ✓ In Built Calibration Tool for Evidence Generation
- ✓ Multiple Evidence Snaps
- ✓ Evidence Video Clip
- ✓ Event Recreation with Multiple Violation Snapshots

Field Tested & Certified Technology

Time: 11:52:41.996 Time: 11:52:42.156

Over Speed

Camera : 21_SAMERPAN_TC
Location: J53
13/12/2017, 11:5242

GJ10AP5287
Speed: 42 kmph (Limit 40kmph)

ITMS
No Helmet & Triple Riding Detection

- ✓ Award Winning AI & DL Based Technology
- ✓ Detects No Helmet for Rider as well as Pillion
- ✓ In Built ANPR Engine
- ✓ In Built Intelligence to differentiate various Types of Helmets/Scarf/Head Gears/Non Standard Helmets etc.
- ✓ Detects Triple Riding With or Without Helmet
- ✓ Evidence Video Clip & Intelligent Search

Truly Intelligent & Field-Proven

BANGLA NUMBER PLATE RECOGNATION

FACIAL RECOGNITION SOFTWARE

- ✓ Instant Alert of Unrecognized Person
- ✓ Instantly detect, track, recognize and analyze people in live video streams or video footage
- ✓ Use anonymous face recognition to compute people analytics while protecting privacy
- ✓ Various Search-visit history, description (gender, age, time, glasses, location, Ethnicity, etc.)
- ✓ Recorded Media Import-Detailed Investigation Report.

UNIFIED COMMUNICATIONS (UC)

X1/X1P Entry-level IP Phones

X2P Call Center Phone

X3S/G Entry-level IP Phones

X4/G Mid-range IP Phones

X5S High-quality IP Phone

X6 High-end IP Phones

X210 High-end Enterprise IP Phone

X7 Enterprise IP Phone

X Series Enterprise IP Phone

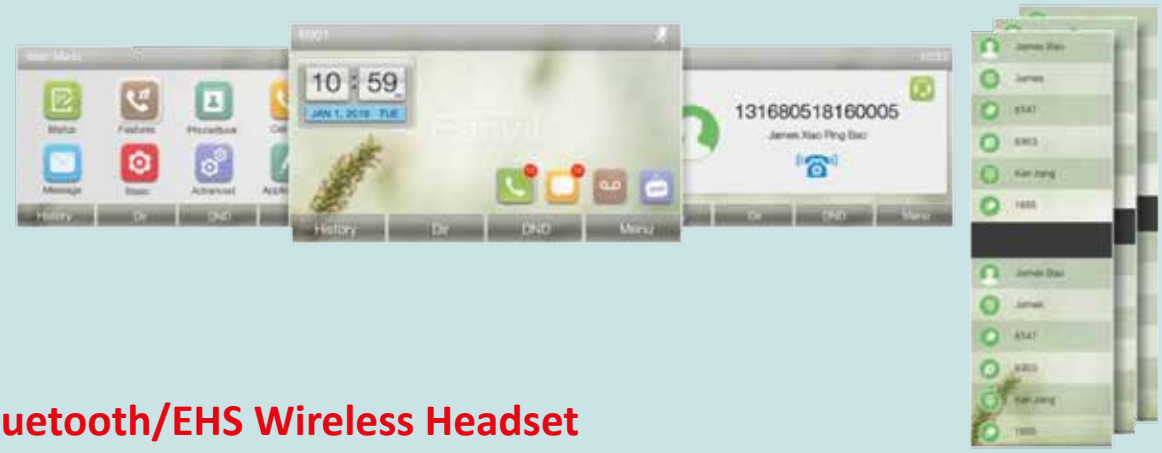
Fanvil X series, the 4th generation IP phone, is in addition to inheriting the rich experience of VoIP, and we re-innovation, the X series were upgraded to a color screen and retain the second screen design. It covers full range production from the entry level to enterprise phone. As the 4th generation product line, Fanvil provides users with the best user experience to meet all the needs of business users for IP communications equipment, Especially the enterprise market.

HD Voice

With the world's leading technology as tech support, leading R&D capabilities and service system and over 15 years of experience in Voice developing, X series provide leading voice quality and the best user experience in the VoIP industry.

Color LCD & DSS Map

High-resolution color display LCD is one of the highlights of X series. But not the only one. Fanvil X series dedicate to improving work effciency, with the friendly GUI and LCD expansion as the support.



Bluetooth/EHS Wireless Headset

X Series is perfectly compatible with Plantronics & Jabra headset, Bluetooth & EHS wireless Headset functions make ``X series'' more easily to meet users request for wireless communication.

Additional Functions:

To improve working efficiency, X series support more interesting functions:

1. Hotspot, some phones can share the same number when they register on a server, meanwhile, each phone can register one more extension number and dial, transfer, conference and more.

2. Log in web management via mobile, the user can log in to web management and configure his IP Phone easily with a mobile phone by scanning a QR code.

Fanvil X2 Professional Call Center IP Phone

X2 provided with professional design & foot paddle switch and more advanced functions, suitable for the call center market. We are dedicated to providing high-efficiency telecom equipment and excellent user experience for call center customers.

Color Screen | Smart Phonebook | 3.5mm Headset Port | Pedal Switch

More Compatibility

3CX, Asterisk, AVAYA, Alcatel·Lucent, broadsoft, epygi, HUAWEI, MATRIX, Mitel, NEC, New Rock, OpenVox, XORCOM, PLATAN, Vodia, Yeastar, ZTE, ZYCOO, SENNHEISER, plantronics, Jabra GN

Fanvil X Series IP Phone

Fanvil X2	Fanvil X3S/SP/G	Fanvil X4/G	Fanvil X5S	Fanvil X6

C400 Android Phone

C600 Android Video Phone

C Series Android Phone

Fanvil's C400/C600 Smart IP Phone is an Android platform and offers superior user experience for both of Office and Home. The C400/C600 has 7'' Smart Video IP telephone with compact design and intelligent software suite for both of Office and Home users. The C400/C600 Smart IP phone brings in brand new easy operation concepts and strategies targeting broadening the deployment of IP phones.

SETTINGS AND REQUIREMENTS:

Smart offices accommodate the demand for convenient communication and collaboration anytime and anywhere.

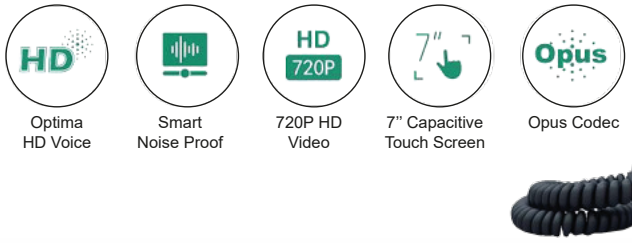
Key features include:

* High-quality phones that are easy to operate;
* Support for multiple applications for various business settings:
* Integration with office software, implementation of collaborative work; and
* Support for mobile workers unbounded from an office setting

SOLUTIONS AND ADVANTAGES:

Yealink designs the T5 series Smart Media Phones specifically for smart office. The phone is equipped with a seven-inch or larger high-definition LCD capacitive touch screen that supports multi-point touch for extraordinary control. The interaction is meticulously designed for business use and user-friendliness. The `` what you see is what you get'' graphical operation design is user friendly and easy to operate.

The Yealink T5 series Smart Media Phones use the Android Operating system and supports a variety of third party office apps. The T5 phones can support any application in variety of office settings.



Award winning VoIP PBX System

Easy Configuration and Management

Fast installations with advanced auto-configuration, plug and play capabilities, Control your phone system with an Intuitive Web GUI. Instantly alert through email. SMS, and phone call. Managed easily from PC, smartphone, or any internet-enabled device.

Scalable Modular Design

Learn more about the S series VoIP PBX module

Telephony Modules
FXS extensions module. FXO Module PSTN fallback module, BRI Module, and GSM/3G/4G modile.

Expansion Boards
Supports 4 modules in one EX08 Expansion
Board Support 1 E1/T1/PRI port in one Ex30 Expansion Board.

System Capacity
Expand SIP users and concurrent calls when your business grows with DSP Module.

Linkus Unified Communications App

Linkus is a unified communication app for Windows desktop, Mac desktop, iPhone and Android phones. Designed Yeastar Cloud PBX and S series VoIP PBX, it transforms your desktop and mobile phone a fully featured office extension.

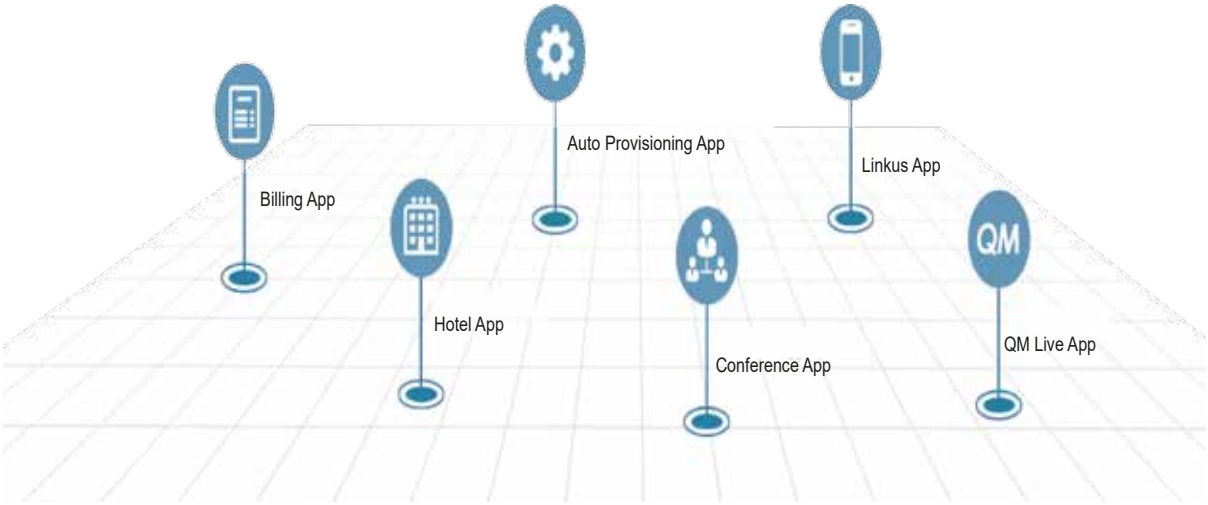
* Available using Windows, macOS, and Android
* Make and receive enterprise VoIP Calls anywhere anytime
* Outlook Contacts, Google Contacts, Salesforce CRM and Microsoft Dynamics 365 integrated; more CRM to support
* Instant messaging and file sharing empowered by **Linkus Cloud Service**

Excellent Interoperability

- Interoperable with worldwide SIP trunks/ITSP, and varied IP phones, IP door phones, SIP cameras, soft switch, CRM and more.
- Quickly auto provision IP phones from Yealink, Snom, Vtech, Fanvil, Htek, Gigaset, Cisco, Polycom, Panasonic, Mitel, Alcatel Business, etc.

Powerful Capability with App Center

All inclusive features without extra licensing plus a unique App Center that can add and manage Features independently.



Recommend a S-Series model for me

S412
Up to 12 FXS Extensions
UP to 4 CO/BRI lines

S20
Support 20 Users
10 Concurrent Calls

S50
Support 50 Users
25 Concurrent Calls

S100
UP to 200 Users
up to 60 Concurrent

S300
UP to 500 Users
up to 120 Concurrent

ACCESS CONTROL

Access Control System is designed for areas where need for security is Crucial. It protects human life, property and information and provides safe and comfortable environment by limiting unnecessary access to essential areas such as office, building, factory, R&D Center and more. By deploying RF/Smart Card, Biometric recognition (fingerprint/face) devices and central control units into an access control system, it prevents any possible danger or interference from the outside, which helps to maximize work productivity.

INTRUDER ALARM SYSTEM

It's a system that detects any unauthorized entry or motion into the property and sends out an immediate alert from the central monitoring station which further informs the concerned people, local police, hospital and fire station. The control panel installed in the premise also raises a loud alarm to alert the neighbors. The motion or break-in is detected by sensors installed in the premise.

LIGHTING AUTOMOATION

Your home and your workplace should be designed to complement your needs. As your needs change throughout the day, your lighting should adapt as well; bright to read a book, but dim for computer use. Whether you are at home or at work, Lighting Automation salutations provide convenient access to light control, creating a comfortable atmosphere to support your activities throughout the day.

Comfort and convenience don't have to be restricted to the home. Bring the right ambiance to your workplace and watch how light control can create a more productive environment. A conference room can serve multiple purposes throughout the day. Form video presentations to brainstorming sessions. Many of lighting automation solutions includes users to set the right light for every business need with the convenience of personal control and one-touch setting. Expand your capabilities throughout an entire floor or building whit a total light management system. Monitor the lights and shades from a centralized location or online. When designed properly, your space will work as hard as you do.

Commercial Energy Saing Solutions

Stand Alone Commercial Energy Saving

Solutions	Single Space Energy Saving
Occupancy/Vacancy Sensing	20-60% Lighting
High-end trim	10-30% Lighting
Daylight harvesting	22-60% Lighting
Personal dimming control	10-20% Lighting
Plug load control	15-50% Controlled loads

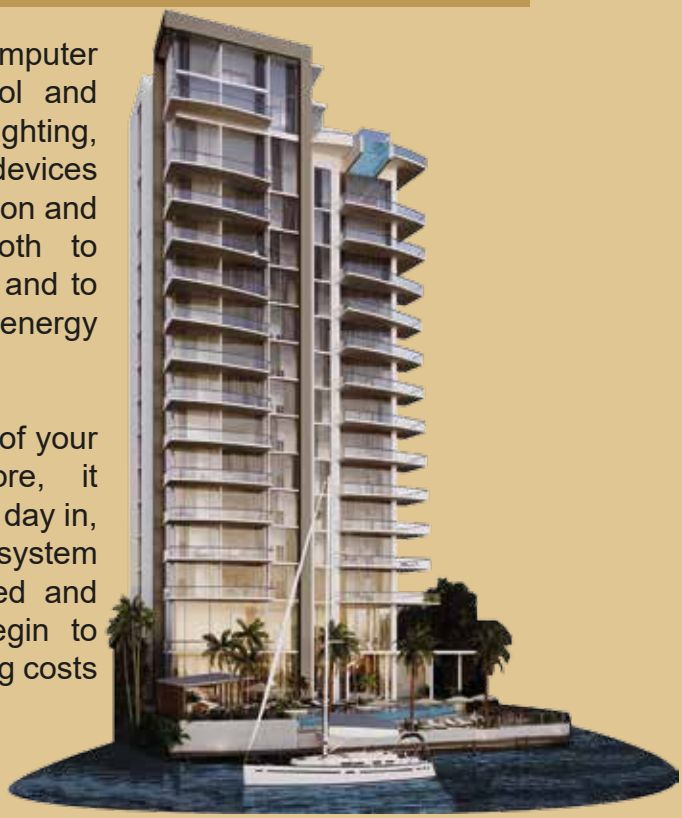
LIGHTING AUTOMATION

Made for flawless incorporation with any decor, lighting automation offers a wide range of colors and styles of keypad, so design never suffers for the sake of operations. With advanced technology and dedication to peerless quality, luxury is completely in your control.

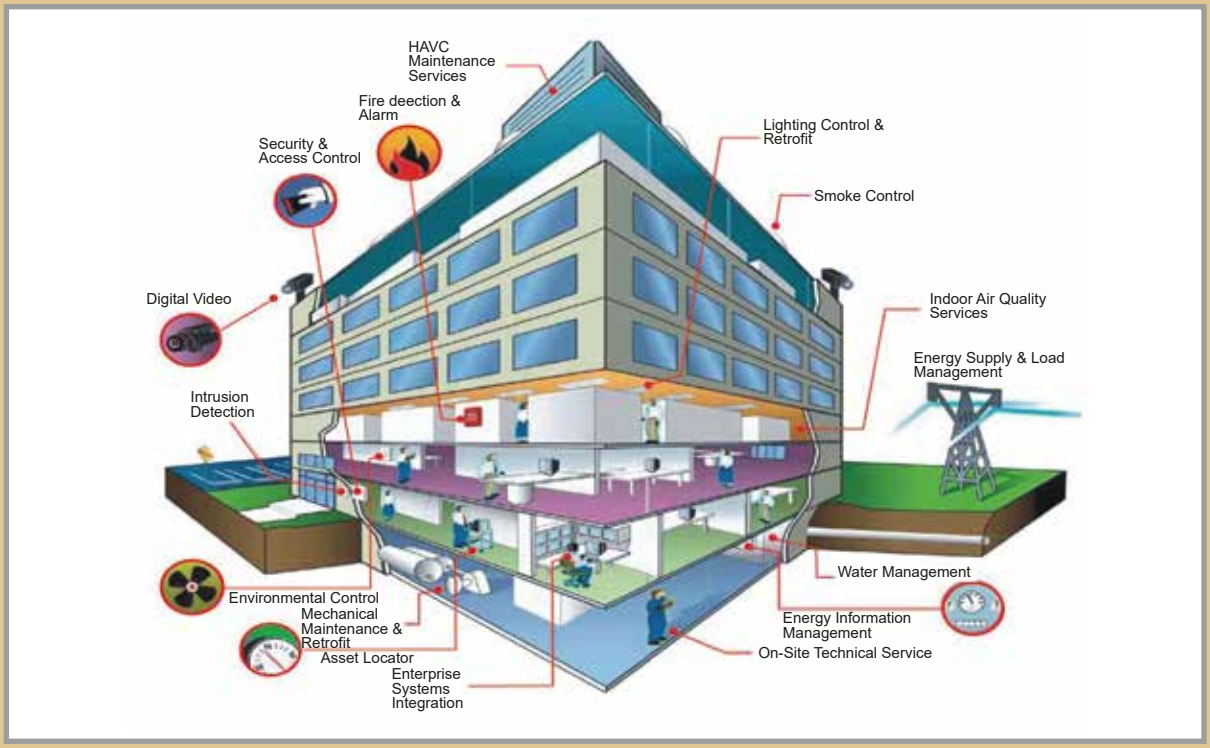
For single homes, buildings, or large commercial campuses, Lighting Automation offers dimmers, occupancy/vacancy sensor, light control systems, and shading solutions to reduce lighting energy use, optimize system performance, and enhance the visual environment.

BUILDING MANAGEMENT SYSTEMS

Building Management Systems (or BMS) are computer based systems that help to manage, control and monitor building technical services (HVAC, Lighting, Utility etc.) and the energy consumption of devices used by the building. They provide the information and the tools that building manages need both to understand the energy usage of their building and to control and improve their building's energy performance.



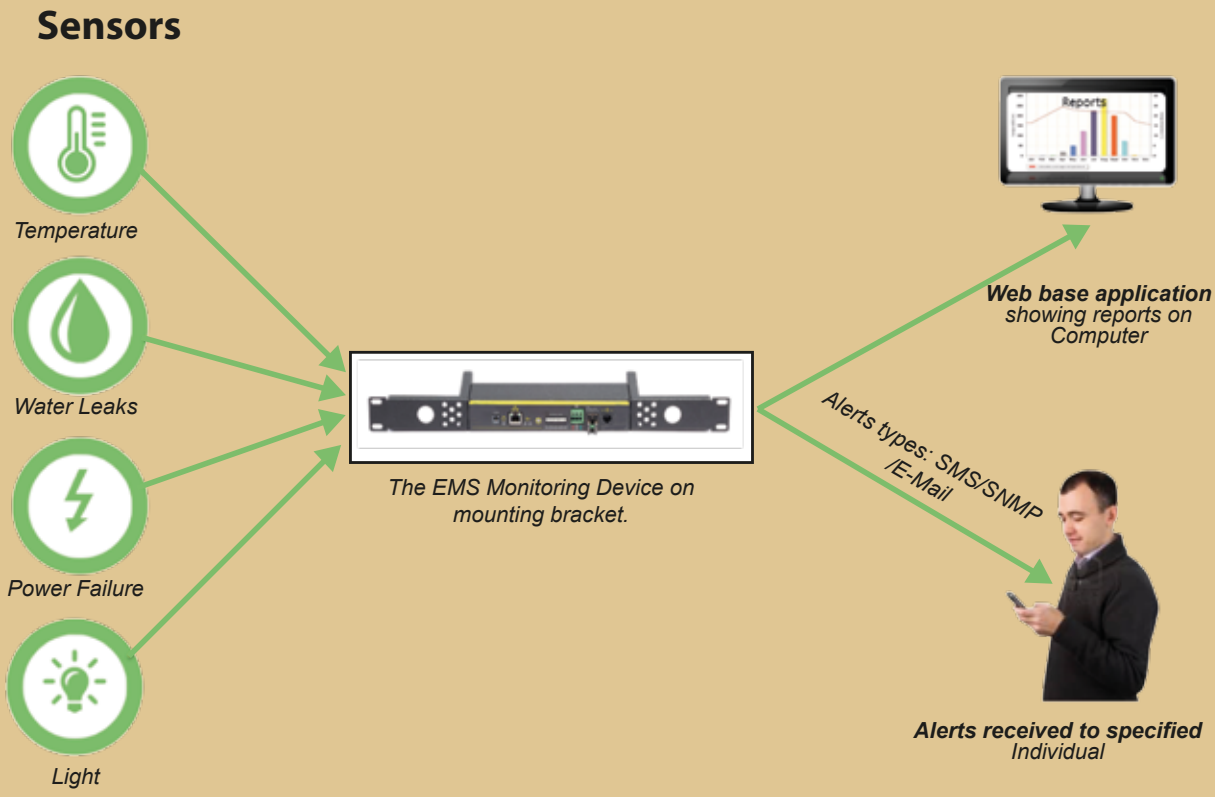
A BMS can efficiently control as much as 84% of your building's energy consumption. Furthermore, it performs its functions completely automatically, day in, day out, year after year. However, unless system setting and parameters are properly mentored and maintained the building performance will begin to suffer. The result will be higher building operating costs and reduced occupant comport.



ENVIRONMENTAL MONITORING SYSTEMS

Environmental Monitoring Systems (EMS) prevents hardware damage to server rooms, data centers and network closets with critical condition alerts and remote reboot capability. Also known as remote SNMP environment monitoring system, monitor server rooms, data center monitoring, computer room, network closet, temperature sensor, remote power reboot, web alert thermometers, server room monitoring.

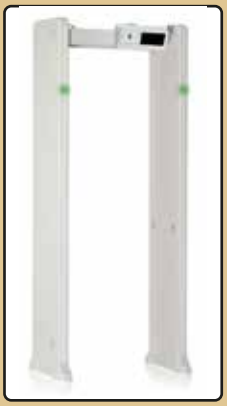
Monitor Temperature the most common environmental threat in any server room or wiring closet is heat. Detect critical rises or drops in temperature, and received notifications when heating problems occur. Monitor Humidity Detect abnormal humidity conditions. You define the humidity levels that are appropriate for each sensor's environment. Detect the Presence of Water Whether it's a tripped sprinkler system or a flash flood, a server room or wiring closet is just about the last place you want to see water. Receive notification as soon as water makes an appearance. Monitor Physical Security Monitor ``dry-contact'' devices including motion sensor's door sensors, vibration sensors and smoke detectors. Control Power Remotely reboot and control power (on/off) to servers and network devices.



Parking Barrier Gates - Industrial Grade

100 % duty Cycle most modern up to date technology, Industry standard with CE, ISO Certification, Comes with three years warranty including installation.

High Security Metal Detector

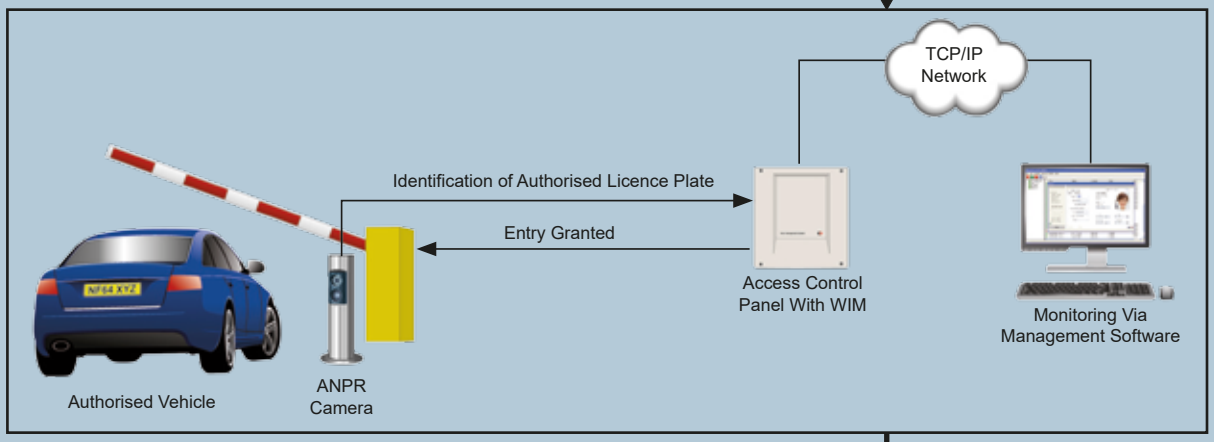


Full Automatic Flap Barrier Swing Turnstile

Automatic parking guidance System

CAR PARK MANAGEMENT

Car park



Vehicle control System

Car plate capture

- ✓ Support active card and passive card
- ✓ Provide card plate image capturing and comparing
- ✓ Prevent car to be stolen

SOME OF OUR SUCCESSFUL PROJECT

Meghna Group Surveillance Monitoring Room

Meghna group of industries Economic Zone Project

Wasa Control Room Design

Lafarge Control Room Design

LOCC Monitoring Surveillance Project

Gulshan LOCC Project Work

GLOBAL PARTNERS

OUR CLIENTS

- Special Branch (Bangladesh Police)
- Rapid Action Battalion
- Dhaka Metropolitan Police (DMP)
- Dhaka District Police
- Dhaka Entry-Exit Gate Surveillance
- National Parliament House
- Oman Embassy
- Saudi Arabia Embassy
- Turkey Embassy
- Ministry of Labour and Employment
- Standard Chartered Bank
- United Commercial Bank Ltd.
- Eastern Bank Ltd.
- Titas Gas
- Lafarge Holcim Bangladesh
- Rajshahi Metropolitan Police
- Bangladesh Airforce
- Bangladesh Army
- DNCC City Surveillance
- Zam Zam Tower
- Fortune Tower
- Meghna Group of Industries
- Nannu Spinning Mills Limited
  A Canada-Bangladesh Joint venture project
- Nannu Textile Mills Limited
- Rubiya Textile Limited
- Bengal Group of Industries
- M. A Matin Cotton Mills
- Unimex Textile Limited
- Dhaka Wasa
- NOVOAIR

Contact Us:
1,1/1, Rupayan Taj, L-3, Box Culvert Road
Naya Paltan, Dhaka- 1000.

Hotline : +8809666781444
Email : support@aatech.com.bd
Website : www.aatech.com.bd