

# **OFFICES & SHOW ROOM SOLUTIONS**

## IT, SECURITY, TELECOM & AUDIO VIDEO SOLUTIONS



C A L I C U T M A L A P P U R A M B E N G A L U R U





### **OFFICES & SHOW ROOM SOLUTIONS**

- CCTV- OFFICE SURVEILLANCE
- BIOMETRIC ATTENDANCE SOLUTIONS
- ACCESS CONTROL SOLUTIONS
- SMART OFFICE SOLUTIONS
- EPABX & INTERCOM SOLUTIONS
- PUBLIC ADDRESSING SOLUTIONS
- INTRUDER ALARM SOLUTIONS
- WIRED & WIRELESS NETWORKING SOLUTIONS
- COMPUTERS, LAPTOPS, SERVERS & PRINTERS
- OFFICE STRUCTURED CABLING SOLUTIONS
- VIDEO CONFERENCING SOLUTIONS
- COMMERCIAL DISPLAY SOLUTIONS
- ERP SOLUTIONS
- POINT OF SALES SOLUTIONS
- LICENSE FREE WALKIE TALKIE
- UPS & INVERTORS

### **CCTV- OFFICE SURVEILLANCE**

Implementing CCTV for an office environment can provide numerous benefits, ranging from security and safety to operational efficiency. By carefully planning and implementing a CCTV system tailored to your office's needs, you can enhance security, deter potential threats, and create a safer work environment.



IP / AHD CAMERA





WIRELESS CAMERA



**BATTERY CAMERA** 



3G / 4G CAMERA



**DUAL LENSE CAMERA** 



WIFI CAMERA

VANDAL PROOF CAMERA





TANDEM VIEW



PTZ CAMERA



ANPR CAMERA



**VMS SOFTWARE** 

### **CCTV SOLUTIONS**

- Live & Recorded View
- Remote Viewing Solutions
- Audio Recording
- Color Vision in Night
- Two way Talking
- Alerts & Notifications
- Facial Recognition
- Line Crossing
- People Counting
- Heat Mapping
- POS Integration
- Queue Management
- N+1 Hot Spare connection
- RAID Enabled



ALARM ENABLED CAMERA

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FACE RECOGNITION CAMERA

**Employee and Customer Interactions** 

**BENEFITS OF CCTV SYSTEM** 

• Security and Crime Deterrence

• Employee Safety

• Theft and Shoplifting

• Unauthorized Access

Business Analytics

Parking Lot Safety

Visitor Management

Customer Disputes

Documentation of Incidents

Evidence for Liability Claims

• Employee Productivity



CAMERA



**PEOPLE COUNT** 









PANORAMIC VIEW CAMERA













### **BIO-METRIC ATTENDANCE SOLUTION**

Biometric attendance solutions are widely used in offices for efficient and secure employee time and attendance tracking. This involves choosing the right system that meets the organization's needs for accuracy, efficiency, and convenience.





FACE RECOGNITION BIOMETRIC / FINGER PRINT









DESKTOPS / LAPTOPS WEB BASED SOLUTIONS MOBILE ATTENDANCE













**CLOUD BASED SOLUTIONS** 

DOOR ACCESS CONTROL

WIELBASED SYSTEMS

CUSTOM REPORTS

SCHEDULING & NOTIFICATIONS

**EMPLOYEE SELF LOGIN** PORTAL

### **BENEFITS OF ATTENDANCE SOLUTION**

- Improves Office timing & Punctuality
- Prevents Time Theft and Buddy Punching
- Real-Time Monitoring of Employee Attendance
- Improves Employee productivity & Efficiency
- Reduces Payroll Processing Errors
- Compliance with labor laws and regulations
- Prevents Unauthorized Access
- Overtime Management
- Improves Employee Satisfaction
- Remote Attendance Marking
- Transparent and Fair Attendance Policies
- Centralized Management of Reports
- Customized Reporting and Analysis

- Employee Attendance
- Shift Management
- Leave & Permission Management
- Holiday Management
- Alerts & Notifications
- Employee Management
- Automatic Scheduling of Reports
- Customization of Reports
- Multiple Organization Reports
- Mobile Punching
- Geo Fencing











### **ACCESS CONTROL SOLUTIONS**

Access control solutions is a centralized systems that manage and control access to different areas within the office. This system for offices play a crucial role in ensuring the security and safety of the premises. These systems help regulate and monitor the entry and exit of individuals, protecting sensitive areas and assets.















SINGLE DOOR

ACCESS CONTROL



MULTI-DOOR ACCESS CONTROL



GLASS DOOR

ACCESS CONTROL



WOODEN DOOR

ACCESS CONTROL









CANTEEN MANAGEMENT

#### FINGER PRINT FACE RECOGNITION

**QR CODE READER RFID CARDS** 

EM LOCK



# VISITOR MANAGEMENT

#### **BENEFITS OF ACCESS CONTROL**

- Enhanced Security by Regulating the Access
- Protection of Assets
- Employee Safety
- Visitor Management
- Reduced Risk of Unauthorized Access
- Employee Productivity
- Customized Access Permissions
- Audit Trails and Reporting
- Brand Image and Reputation

#### SOLUTIONS

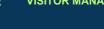
- Single Door Access Control
- Multi Door Access Control System
- Multi Door Access Control System
- Glass Door Access Control
- Wooden Door Access Control System
- Cloud-Based Access Control
- Flap/ Swing Barriers integration
- Remote Opening
- Mobile-Based Authentication
- Access Control Software
- Alerts & Notifications
- Mobile App













**FLAP BARRIER** 







### **SMART OFFICE SOLUTIONS**

Smart office solutions leverage advanced technologies to create more efficient, connected, and user-friendly workplaces. These solutions are designed to enhance productivity, improve energy efficiency, and provide a better overall experience for employees.



**SMART LIGHTING** 

SOLUTIONS





**HVAC SOLUTIONS** 



**OCCUPANCY SENSORS** 



SMART MEETING ROOM SOLUTIONS



VOICE ACTIVATED ASSISTANCE



**SMART PLUGS** 



**SMART CURTAIN** 



SMART SHUTTER



SOLUTIONS





**SCHEDULING &** CONTROLING







CENTRALIZED MANAGEMENT

### **BENEFITS OF SMART OFFICE SOLUTIONS**

- Energy Efficiency
- Energy Monitoring
- Cost Reduction
- Enhanced Productivity
- Automation of Routine Tasks
- Optimized Space Utilization- Occupancy Sensor
- Automated Scheduling
- Analytics and Reports

- Smart Lighting Solution
- Energy Saving Solutions
- Temperature Control Solutions
- Smart Plugs & Energy Monitoring Solution
- Smart Switches
- Smart Meeting Room Solutions
- Security Alarm Integration
- Scheduling & Controling
- Centralized Management
- Voice Assistance







### EPABX SYSTEM

EPABX and IPBX (Internet Protocol Private Branch Exchange) are both types of private branch exchange systems used in business environments to manage internal and external telephone communication.



ANALOG PBX



HYBRID PBX



**IP-PBX** 



**SERVER BASED - PBX** 



**VOIP - FXO- FXS** 

GATEWAYS



**GSM-FXS-FCT** GATEWAYS



VOIP - T1 / E1-PRI

GATEWAYS



SIP IP PHONE



**DIGITAL KEYPHONE** 



ANALOG PHONE



SOFT PHONE

### **BENEFITS OF EPABX / IPBX SYSTEM**

- Internal Communication
- Cost Savings
- Call Routing & Management:
- Efficient Call Handling
- Convergence of Data & Voice Networks
- Remote Extensions & Telecommuting
- Centralized Management
- Employee Efficiency
- Support for Mobility
- Integration with Other Systems

- EPABX Solutions
- Intercom Solutions
- IP PBX Solutions
- Retail PABX Solutions
- VoIP Solutions
- Analog and IP Phones
- Desktop & Cordless Phones
- Call Forwarding and Conferencing
- Unified Communication
- Hybrid Communication

















### **PUBLIC ADDRESSING SYSTEM**

A Public Address (PA) system for an office is a communication tool that facilitates announcements, broadcasting, and information dissemination to a large number of people within the office premises. It is commonly used in various settings, including office buildings, conference rooms, lobbies, and common areas. The primary purpose of a PA system is to make announcements, provide information, or broadcast music to ensure that everyone in the designated area can hear the intended message.















**GOOSE NECK MIC** 

WIRELESS MIC

LAPEL MIC

BOUNDARY MIC CIELING SPEAKER

BOX SPEAKERS PENDANT SPEAKERS











MIXER

#### VOLUME CONTROLLERS

#### CABLING SOLUTIONS

#### SOLUTIONS **BENEFITS OF PA SYSTEM** • Announcements and Notifications • Traditional Wired PA System: • Entertainment and Events • IP Based PA System • Zone wise Communications • Portable PA System • Emergency Evacuation and Safety • Town Hall Solutions Meeting and Event Announcements Voice Evacuation System • Education and Training • Public Address & Background Music System General Communication • Meeting Room & Training Hall Solution Break and Lunch Reminders Calss Room Solution Background Music • Office Time Management Announcements Public Awareness and Branding Centralized Control

• Schedule & Control











### **INTRUDER ALARM**

An intruder alarm system for a home is a security system designed to detect and alert residents or security personnel about unauthorized entry or suspicious activities within the protected premises.



SHUTTER SENSOR



MOTION SENSOR





**IR BEAM DETECTOR** 





**PANIC SWITCH** 

THERMAL DETECTOR







**VIBRATION SENSOR** 







**CONTROL PANEL** 

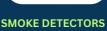


REMOTE KEY

HOOTER

**GSM DIALER** 

**KEY PAD** 



SOLUTIONS

#### • Wired Alarm System

- Wireless Alarm System
- Door and Window Sensors
- Motion Detectors
- Glass Break Detectors
- Shock Sensors
- Perimeter Protection
- Panic Buttons
- Access Control Integration
- Audible Alarms and Sirens
- Central Monitoring Station











### **BENEFITS OF INTRUDER ALARM SYSTEM**

- Detects unauthorized access or intrusion
- Deterrence and Prevention
- Access Control Integration
- Detects Fire and Smoke
- Environmental Monitoring •
- 24/7 Monitoring •
- Integration with Surveillance Cameras ٠
- Mannual Alerting in Emergencies •
- Integration with Building Management Systems
- Notification and Communication
- Remote Monitoring and Controls •
- Compliance with Regulations
- Insurance Premium Reduction
- Schedule & Control
- Server Room Protection









### WIRED AND WIRELESS NETWORKING

WIFI HOME NTWORK - The easiest, least expensive way to connect the computers in your home is to use a wireless network, which uses <u>radio waves</u> instead of wires. The absence of physical wires makes this kind of network very flexible.. The downside is that wireless connections are generally slower than Ethernet connections and they are less secure unless you take measures to protect your network

WIRED NETWORK - Wired networks provide users with plenty of security and the ability to move lots of data very quickly. Wired networks are typically faster than wireless networks, and they can be very affordable.



ROUTERS



ACCESS POINT



#### NETWORK SWITCH



#### LOAD BALANCER

FIREWALL FIRE WALL

#### **BENEFITS OF OFFICE NETWORKING**

- Efficient and Easy Resource Sharing
- Centralized Data Management
- Collaboration and Real Time Communication
- Reduces the Need For Individual Resources
- Increased Productivity
- Centralized Network Management
- Enhances Data Security
- Protects Against Cyber Threats
- Facilitates Remote Access To The Office Network
- Enabling Employees To Work From Anywhere
- Scalability-Allows for easy expansion of the network
- Simplifies Troubleshooting And Support Tasks
- Supports Backup and Disaster Recovery Plans
- Ensures reliable and fast internet connectivity

#### SOLUTIONS

- Wired Networking
- Wireless Networking
- Managed Or Unmanaged Network
- Virtual LAN Network
- Network Switches
- Router
- Fire Wall
- Load Balancer
- Access Points
- Load Balancer
- Power Over Ethernet









F BRTINET.



### **COMPUTER, PRINTER, SERVER & STORAGE**

Structured cabling refers to a standardized and organized approach to designing and installing a cabling system that supports various hardware uses and provides a comprehensive telecommunications infrastructure. The primary goal of structured cabling is to create a flexible and scalable network that can accommodate a variety of devices and technologies while minimizing disruptions and simplifying maintenance.











Operating System

DESKTOP/ LAPTOP

PRINTERS

SERVER

STORAGE

ANTIVIRUS

**OPERATING SYSTEM** 

BENEFITS OF	SOLUTIONS				
Employee Workstations	• Desktop				
Document Printing	• Laptops				
<ul> <li>Scanning and Copying</li> </ul>	Workstations				
Local Storage	Thin Clients				
-	• NUC				
Network Attached Storage (NAS)	Inkjet Printers				
File Servers	Laser Printers				
Email Servers	<ul> <li>Multifunction Printers (MFPs)</li> </ul>				
Application Servers	ID Card & Thermal Printers				
Database Servers	Tower Servers				
	Rack Servers				
	Blade Servers				
	Storage Servers				
	• RAM				
	Hard disc				
	<ul> <li>Network Attached Storages</li> </ul>				













### STRUCTURED CABLING FOR OFFICE

Structured cabling refers to a standardized and organized approach to designing and installing a cabling system that supports various hardware uses and provides a comprehensive telecommunications & data infrastructure. The primary goal of structured cabling is to create a flexible and scalable network that can accommodate a variety of devices and technologies while minimizing disruptions and simplifying maintenance.



**COPPER CABLES** 



FIBER CABLES









CABLE MANAGERS



**FIBER LIU** 





PATCHCORDS





NETWORK RACKS

CABLING, DRESSING & LABELING



**JACK PANELS** 

**CONDUITS & TRAYS** 



TESTING



**CONDUITS & TRAYS** 

#### **BENEFITS OF STRUCTURED CABLING** SOLUTIONS • 1G, 10G, 25G 40 G Networks • Flexibility and Scalability • Fiber Optic Cabling • integrates voice, data, and video, into a single, Coaxial Cabling unified infrastructure • Unshielded & Shielded Twisted Pair Cabling • Ease of Troubleshooting and Maintenance Power over Ethernet (PoE) Cabling Minimizing Network Downtime Structured Cabling for Data Centers • Efficient Cable Management and Separation Horizontal and Vertical Cabling • Reducing Signal Interferences • Structured Cabling Standards • Adaptability to Technology Changes Labeling and Documentation Server Room • Enhanced Reliability and Redundancy Cable Management • Compliance with Standards **Fluke Testing** • • Easy Cable Identification **OTTR Testing**







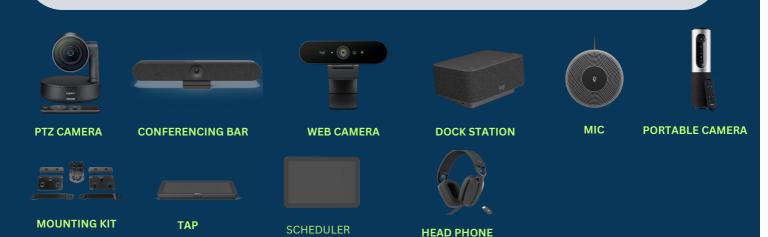
BELDEN ►NORDEN<sup>®</sup>



D-Link

### **VIDEO CONFERENCING**

Video conferencing solutions facilitate virtual meetings and collaboration, allowing individuals or teams to connect in real-time, regardless of their physical locations. Various video conferencing platforms offer a range of features to enhance communication, collaboration, and productivity.



### **BENEFITS OF VIDEO CONFERENCING SYSTEM**

- Reduces Travelling Cost And Saving the Time
- Participants to Connect From Different Locations
- Enables Face-to-face interaction
- Allows observing facial expressions & body language of Participants.
- Allows real-time sharing of information and updates.
- Employees can connect regularly without the need of physical presence
- Participants can join meetings from anywhere with an internet connection
- Real Time document Sharing
- Organizations Can conduct training programs & workshops
- Enables the sharing of educational materials & presentations

- Huddle Room Conferencing Solution
- Small to Medium-Sized Meeting Room Solution
- Boardroom/Conference Meeting Room solution
- Web Based Meeting Solutions
- Online Training Solutions
- Wireless Presentation Systems
- Customized and Integrated Solutions















### **COMMERCIAL DISPLAY SOLUTIONS**

Commercial display solutions are diverse and cater to various needs, from digital signage and advertising to collaboration and presentations. Here are some types of commercial display solutions:





COMMERCIAL TV

INDOOR / OUTDOOR VIDEO WALL



#### INTERACTIVE PANEL





MENU BOARD

DIGITAL STANDEE/ KIOSK

#### **BENEFITS OF COMMERCIAL DISPLAYS**

- Enables capturing attention and conveying information more effectively
- Using for branding, promotions, and advertising.
- Increased brand and content visibility
- Real-time information, updates to employees, customers & visitors
- Centralized content management systems
- Interactive presentations in meetings and conferences
- Helps customers navigate large spaces
- Used for efficient queue management & reducing wait times
- Monitoring Surveillance system
- Content can be managed and updated remotely, providing flexibilit and agility
- Enhance customer experience in entertainment venues,

hotels, and Restaurants with dynamic displays.

#### SOLUTIONS

- Outdoor / Indoor Video Wall Solution
- Commercial TV
- Interactive panels
- Video Player
- Remote content playing
- Kiosks & Standees
- Hotel menu board solutions
- Cables & connectors





logic









### **ERP SOLUTIONS**

Enterprise Resource Planning (ERP) solutions are comprehensive software systems that integrate and automate various business processes across an organization. These systems facilitate the flow of information and help businesses streamline operations, enhance efficiency, and make informed decisions. Here are key aspects and functionalities of ERP solutions:



#### **BENEFITS OF ERP SOLUTIONS**

- Automates repetitive tasks, reducing manual effort and errors.
- Offers up-to-date insights into business operations and performance.
- Visualizes key metrics and trends for informed decisionmaking.
- Connects different departments and encourages collaboration.
- Facilitates the sharing of information across the organization.
- Minimizes errors in data entry and processing, leading to cost savings.
- Provides the data and insights needed for strategic planning
- Helps organizations adhere to industry regulations and standards.
- Maintains an audit trail for compliance reporting.
- Facilitates a holistic view of customer interactions and history.
- Implements role-based access controls to protect sensitive data.
- Secures data transmission and storage

- Gym Management
- Financial Management
- Supply Chain Management
- Human Resources Management
- Customer Relationship Management (CRM)
- Manufacturing Management
- Project Management
- Asset Management
- Business Intelligence and Reporting
- Compliance and Risk Management
- Mobile Accessibility
- Cloud-Based ERP

### **POINT OF SALES SYSTEM**

The Point of Sale (POS) refers to the location where a transaction occurs between a buyer and a seller. It is often associated with the physical or digital space where a customer makes a payment for goods or services. he Point of Sale (POS) refers to the location where a transaction occurs between a buyer and a seller. It is often associated with the physical or digital space where a customer makes a payment for goods or services



**MOBILE POS** 



ALL IN ONE POS



**CANTEEN MANAGEMENT** 

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POS SOFTWARES

#### **BENEFITS OF POS SYSTEM**

- Payment Processing & Centralized Data Management
- Inventory Management:
- Ensures reliable and fast internet connectivity
- Stock Tracking & Product availability
- Sales Reporting and Analytics
- Integration with Other Systems
- Print or Digital Receipts
- Invoice Generation
- individual user accounts for employees
- Allows customers to create accounts for personalized services.
- Payment Security

- Retail POS Systems
- Restaurant POS Systems
- Hospitality POS Systems
- Mobile POS Systems
- Self-Service Kiosk POS Systems
- Grocery Store POS Systems





### **LICENSE FREE WALKIE TALKIES**

License-free walkie-talkies, also known as Family Radio Service (FRS) or General Mobile Radio Service (GMRS) radios, are popular for short-range communication without the need for a radio license. These radios operate on specific frequencies allocated by regulatory bodies, such as the Federal Communications Commission (FCC) in the United States. Here are key details about license-free walkie-talkies:





2-3 km Range

1.5 KM Range



0.5 KM Range

#### **BENEFITS OF ERP SOLUTIONS**

- Compact and Portable
- No License Requires
- Simple Operation
- user-friendly controls and straightforward features
- Offer multiple channels for communication to avoid interference.
- Privacy Codes (CTCSS/DCS):reduce interference from other users on the same channel.
- Battery life varies, but many models offer extended use on single charge.
- License-free walkie-talkies are often more affordable than professional-grade radios

- 16 channel walkie talkies
- 99 Channel Walkie Talkies
- 4 Channel Walkie Talkies
- 0.5 KM Range Walkie Talkies
- 1 KM Range Walkie Talkies
- 2-4 KM Walkie Talkies
- Pairing With Other Brands
- Handsfree Bluetooth Connectivity
- Monitoring Display
- Range Boosters





### **UPS & INVERTERS**

An UPS or uninterruptible power supply is a device that provides emergency power to an electronic system in the event of a power outage. UPS protects devices from electrical spikes and surges as well as power outages so your electronics remain on





**STANDBY UPS** 

ONLINE UPS



IN LINE UPS





PARELLEL UPS

INVERTERS

#### **BENEFITS OF UPS & INVERTERS**

- Provides a continuous and stable power supply during electrical outages
- preventing downtime and ensuring uninterrupted operation of critical systems.
- Safeguards electronic devices, servers, and data centers against power fluctuations, preventing data loss and corruption.
- Protects computers, servers, networking devices, and telecommunications equipment, from power surges and spikes..
- Maintains a consistent and regulated voltage output.
- Stabilizes voltage levels during brownouts and fluctuations.
- Allows for a controlled and orderly shutdown of systems during extended power outages.
- UPS systems offer remote monitoring capabilities, IT enables power status, receive alerts, and manage the UPS remotely.
- Implements role-based access controls to protect sensitive data.
- Minimizes downtime for businesses and preventing financial losses associated with interrupted services.

- Emergency Lighting
- Data center & Servers protection
- Network Equipment protection
- Desktop Computers and Workstations
- Telecommunication Systems
- Security Systems
- Medical Equipment
- Retail Environments (POS Systems):
- Emergency Lighting Systems





### **CALICUT**

BARAMCO BUILDING , 2ND FLOOR CHINTHAVALAPPU, CALICUT - 4

### **MALAPPURAM**

POOKKAYIL TOWER, PARAPPUR ROAD KOTTAKKAL, MALAPPURAM

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