AUTOMATION

E-SURVEILLANCE

FIRE ALARM SYSTEM

PENTAGRID
Electrical Solution & Service

CORPORATE
PROFILE

INDEX

INTRODUCTION

We take pride and pleasure in introducing ourselves as leading Electrical contractor involved in Execution of Electrical Networking, Security & Fire Alarm System works across India.

At PENTAGRID, we have built our business around understanding our customers' needs & expectations, in order to deliver quality electrical solutions which perform and protect each and every time. Our no compromise approach to our work shows in the finished product. From commercial and retail fit-outs to residential buildings and industries, each project is treated the same. Experienced project managers, qualified electricians and office based support staff ensures that your contract is completed successfully. We owe our success to our customers who have patronized our services with confidence and trust. We believe strongly in providing quality service on time and within budget while maintaining safety and cooperating with those involved.

An emphasis on Quality Control and Customer Service ensures that a large portion of our work comes from a number of clients who come back to use our services time and time again. And most of our new contacts approach us as a result of personal recommendations. Please find attached documentation details pertaining to the execution of various jobs in the past few years.

Our Inspiration

HON.SHRI. RATAN TATA SIR

OUR MISSION

Our mission is to establish long-term, mutually rewarding relationships with each of our valued clients by consistently surpassing their expectations and gaining their trust through exemplary and dedicated performance by every member of the Pentagrid Team.

OUR VISION

To be the region's most professional and respected commercial electrical contractor/ electrical service provider. We understand that our clients appreciate the focus on preventative & proactive maintenance and the resulting peace of mind that comes from working with us.

OUR WORD IS OUR PROMISE

OUR CORE VALUES

Customer Focus
Our efforts towards a better and long term relation with our clients, and ensure to build a trust-based relationship with them

Service
We strive to ensure excellent service in all what we do & we do it withhonesty, integrity and professionalism

Competitive
Pentagrid operates a competitive business offering customers an electrical installation at a price that can assure customer satisfaction while still providing a reasonable profit from operations for Pentagrid

Teamwork
We value collaboration and team contribution, encourage creativity, initiatives & new solutions, and align to the utmost result exceeding success

Commitment
We are monitoring every project thoroughly from beginning to end. We are having energy to ignite others to perform. Our team makes sure that we are treating our colleagues, customers, suppliers, & community with integrity, respect and empathy

Pentagrid's future depends on repeat business. Consequently, we approach each job with the intention that it is the beginning of a long relationship with a new customer. By emphasizing responsiveness, dependable service & integrity we are able to provide cost-effective value whether on a service call or working on a turnkey project.

OUR CORE TEAM

Vinit Kamble
Project Head

Suhas Dongare
Project Manager

Sadashiv More
System Integrator

Arjun Kadam
Electrician Head

Akshay Kapurkar
Sales Head

OUR SERVICES

Pentagrid is involved in most electrical aspects of commercial & industrial installations as well as residential developments. You can always count on us to do the job right. Because of our growth & success, we are able to provide a comprehensive list of electrical services.

No job is too small for Pentagrid. We strive to make sure all our jobs are done efficiently & safely.

Turnkey Projects

Lighting

Electrical:Internal & External

Distribution Boards HV&MV

Solar System

Energy Audit

IT Infrastructure

IT Integration & Networking

AV System & Design Consultancy

Voice Systems & Unified Communication

Audio Video Integration

Safety & Security

Access Control System

CCTV System

Fire Alarm System

Public Address System

RESOURCES AND SKILL

Since inception of the companyin 2017 we have been working PAN India thru our professional approach & developing resources including large pool of vendors who can back our projects any where unconditionally.

Large pool of talent working with us helped us to cater any kind of project Environment & skill set required to implement generally tight scheduled projects effortlessly before schedule.

In the past we have been associated with several companies by winning their hearts thru our "Where Quality Earns Trust" approach & gettingrepeat business.

For handling every aspect of project we use the following software & team is equipped and skilled to send reports,details,updates and service :

MS Excel	MS Word	MS Powerpoint	MS Project Office
MS Outlook	Auto Cad	Proteus Professional	Matlab
Dialux	PV System	IP Config	Anydesk

METHODOLOGY

01 Discussion with the clients and finalize the project team

02 Preparation of project schedule and monitoring

03 Submission of shop drawings, meet the tender estimates, discussion with the clients & submit deviation estimates if applicable

04 Mobilization & temporary connection as per safety norms

05 Quantity calculation, verification & ordering of materials

06 Selection of vendors, ordering and finalization of Contract agreement with sub-vendors if applicable

07 Monitoring cost, time & quality programs

08 Coordination with Client, Architect, Consultants & Vendors

09 Supervision, weekly meeting & visits by project managers

10 Execution of project

11 Submit RA Bills & approvals

12 Prepare and submit final project cost

13 Preparation of As Built Drawings, Handing over documents, Call Escalation Chart

**14** After sales service & support

SAFETY AND SECURITY (CCTV)

We offer the design, supply & installation of cctv systems. we have extensive experience in both analogue & ip systems to create the cctv systems that's right for you.

IP CAMERA

An IP camera, or internet protocol camera, is a type of digital security camera that receives and sends video footage via an IP network.The camera hence helps to provide a good enhanced video quality and reliability due to its working parameters & also has a long warranty period, there are various ip cameras we deal in shown below.
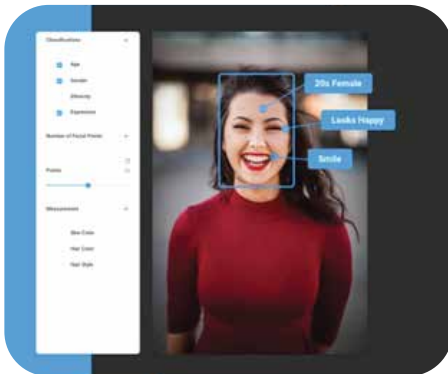
FACE RECOGNITION CAMERA

face recognition extracts the features of a captured face image and compares it with those in the database to recognize the person's identity Offers accurate customer traffic based on face counting, and effectively filters out people who have entered multiple times.

ANPR CAMERA

Automatic number-plate recognition can be used to store the images captured by the cameras as well as the text from the license plate, with some configurable to store a photograph of the driver.

ACCESS CONTROL

Access control identifies users by verifying various login credentials, which can include usernames and passwords, PINs, biometric scans, and security tokens. Many access control systems also include multifactor authentication (MFA), a method that requires multiple authentication methods to verify a user's identity. There are four types of access control system , we deal in all three types of access control system.

DAC

Discretionary access control is the principle of restricting access to objects based on the identity of the subject (the user or the group to which the user belongs). Discretionary access control is implemented using access control lists.

MAC

Mandatory access control is a method of limiting access to resources based on the sensitivity of the information that the resource contains and the authorization of the user to access information with that level of sensitivity. You define the sensitivity of the resource by means of a security label.

RBAC

Role-based access control (RBAC) refers to the idea of assigning permissions to users based on their role within an organization. It offers a simple, manageable approach to access management that is less prone to error than assigning permissions to users individually.

FIRE ALARM SYSTEM (FAS)

History has proven that early detection of a fire & the signaling of an ap-propriate alarm remain significant factors in preventing large losses due to fire. Properly installed and maintained fire detection and alarm systems can help to increase the survivability of occupants and emergency responders while decreasing property losses.Together with automatic fire suppression systems, fire detection and alarm systems are part of the active fire protection systems found in many occupancies. To this end, adopted building and/or fire codes may require the installation of fire detection and alarm systems. These systems usually require installation and maintenance by trained individuals and our team has a vast experience in this field . fire detection system are of two types & e deal in both of them
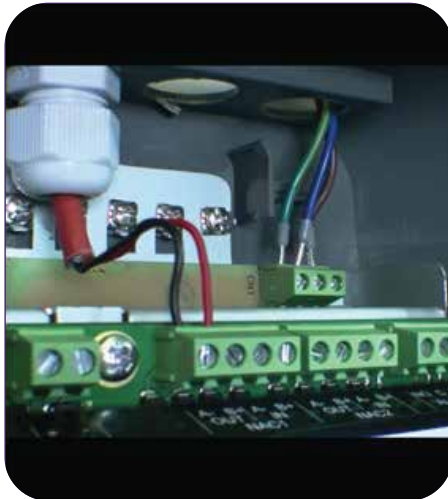
CONVENTIONAL
FIRE ALARM SYSTEM

A conventional fire alarm system is a fire alarm system wired using a radial method (single legs of cable). These radials are wired from the main fire alarm panel & are either fire alarm zones or sounder circuits. Fire alarm zones are the radial circuits that monitor the detectors and manual call points. These zone circuits can accommodate multiple detectors & call points on each radial circuit.


ADDRESSABLE
FIRE ALARM SYSTEM

A conventional fire alarm system is a fire alarm system wired using a radial method (single legs of cable). These radials are wired from the main fire alarm panel & are either fire alarm zones or sounder circuits. Fire alarm zones are the radial circuits that monitor the detectors and manual call points. These zone circuits can accommodate multiple detectors & call points on each radial circuit.

ELECTRICAL DESIGN AND INSTALLATION

Our involvement encompasses all aspects of installations such as
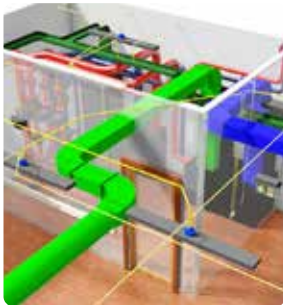
Complete Electrical Design & Installation works

L.V Switchgear Assembly and Installation

Power upgrade in compliance with DEWA regulations

Design/Drafting Services

Mains Cabling

Power Distribution - Installation and Maintenance

Interior & Exterior Lighting - Installation and Maintenance

Lighting Dimming Control – Installation and Maintenance

Power Factor Correction

Earthing Systems

Data/Voice Cabling works

Uninterruptible Power Systems

OUR REPUTED CLIENTS

OUR PREVIOUS PROJECTS (E SURVILLIANCE)

SR. NO	PROJECT NAME	CLIENT NAME	SCOPE OF WORK	TOTAL SITES
01	SATARA DCC BANK E-SURVEILLANCE INSTALLATION	HEMABH TECHNOLOGIES PVT LTD	INSTALLATION AND COMMISIONING	35+ (SATARA DISTRICT)
02	HPCL GAS PIPELINE FIRE ALARM SYSTEM	ENDEAVOUR TECHNOLOGIES PVT LTD	INSTALLATION AND COMMISIONING	9 PLANTS (URAN TO CHAKAN)
03	ICICI BANK E-SURVEILLANCE & PMS	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	34+ (KERALA STATE)
04	BANK OF INDIA E-SURVEILLANCE	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	167+ (MAHARASHTRA, GOA, KARNTAKA)
05	AXIS BANK E-SURVEILLANCE	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	91+ (MAHARASHTRA, KARNATAKA)
06	STANDARD CHARTERED BANK	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	10+ (MUMBAI REGION)
07	MUTHOOT FINCORP	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	15 (SATARA, SANGLI & KOLHAPUR DISTRICT)
08	TAMILNAD MERCHANTILE BANK	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	23+ (MAHARASHTRA, KARNTAKA)
09	STATE BANK OF INDIA	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	50+ (MAHARASHTRA, GOA, KARNATAKA)
10	HDFC BANK	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	50+ (MAHARASHTRA, GOA)
11	BANK OF BARODA	INNOSYS PVT LTD	INSTALLATION AND COMMISIONING	35+ (MAHARASHTRA, GOA)
12	BANK OF BARODA	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	20+ (MAHARASHTRA, GUJARAT)
13	STATE BANK OF INDIA	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	43+ (MAHARASHTRA)
14	TATA AIA	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	15+ (MAHARASHTRA)
15	JALGAON JANATA SAHAKARI BANK	SECURENS SYSTEM PVT LTD	INSTALLATION AND COMMISIONING	25+ (MAHARASHTRA)
16	INDUSIND BANK (RURAL REGION)	HEMABH TECHNOLOGIES PVT LTD	INSTALLATION & COMMISSIONING (WIRELESS)	35+ (MAHARASHTRA)
17	INDUSIND BANK (URBAN REGION)	INNVORIO SOLUTIONS	INSTALLATION AND COMMISIONING	12+ (MAHARASHTRA)
18	IDBI BANK	SECURENS SYSTEM	INSTALLATION AND COMMISIONING	10+ (MAHARSAHTRA, KERALA)
19	AXIS BANK	SOTERIA (TENON GROUP)	INSTALLATION COMMISSIONING & AMC	35+ (MAHARASHTRA)
20	IDFC FIRST BANK	SOTERIA (TENON GROUP)	INSTALLATION COMMISSIONING & AMC	11+(MAHARASHTRA)
21	IIFL GOLD LOAN	SOTERIA (TENON GROUP)	INSTALLATION COMMISSIONING & AMC	25+(MAHARASHTRA)
22	HDFC BANK	HEMABH TECHNOLOGIES PVT LTD	INSTALLATION COMMISSIONING & AMC	11+(MAHARASHTRA)

OUR EDUCATIONAL CAMPUS PROJECTS

Sr. No	Project name	Client Name	Scope of work	Project Valuation
01	S.K Sainik School, Shirala, Maharashtra	Ramratna Education Foundation	• CCTV surveillance • Networking design and installation • Electrical design and installation • Fire alarm system • Access control system • Intercom system	1.20 CR+
02	Kota Academy, Karad	Kota Academy	• CCTV surveillance • Networking • Electrical design	3 Lacs +
03	KLE College of Law, Navi Mumbai	KLE's Education Society	• CCTV surveillance • Intercom system	20.41 Lacs +

Total Sites Installed Pan India
700+

Total Sites Installed In 2021
127+

Total Sites Installed In 2022
563+

Total Sites Installed In 2023 Till June
105+
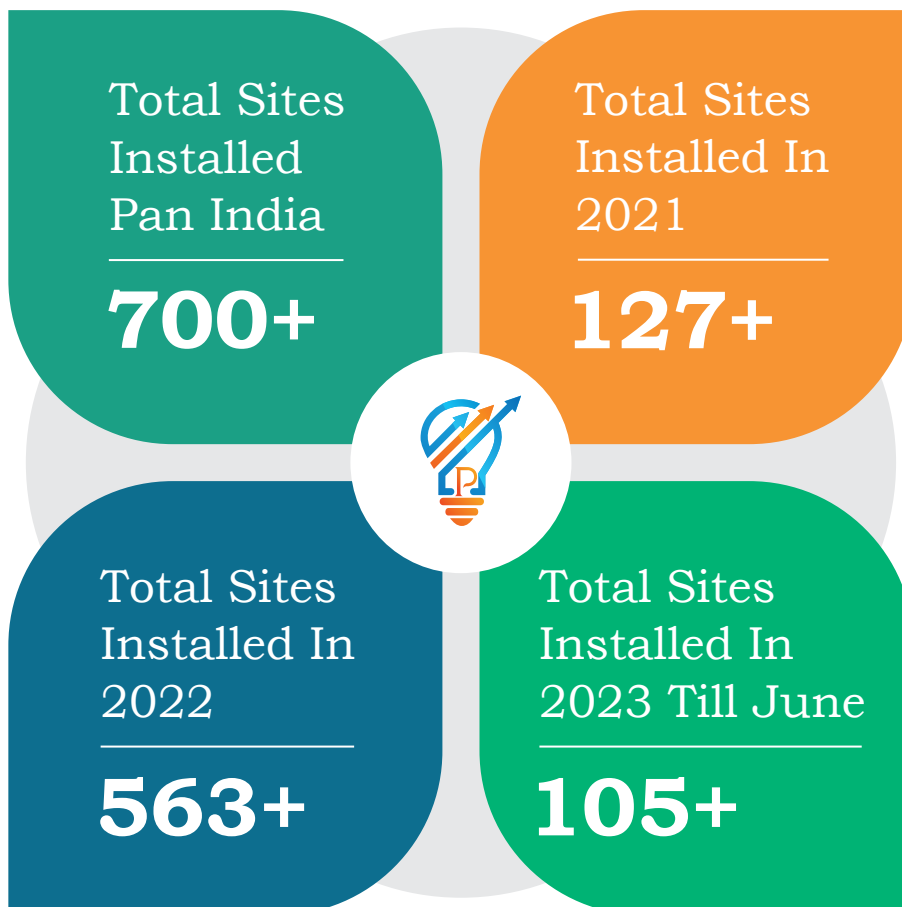
PENTAGRID

Electrical Solution & Service

THE GRID OF CONNECTING INDIA

E-SURVEILLANCE | FIRE ALARM SYSTEM | AUTOMATION

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GST IN:
27HJUPK1710F1Z2