



SS Tzigane India Pvt Ltd

COMPANY PROFILE



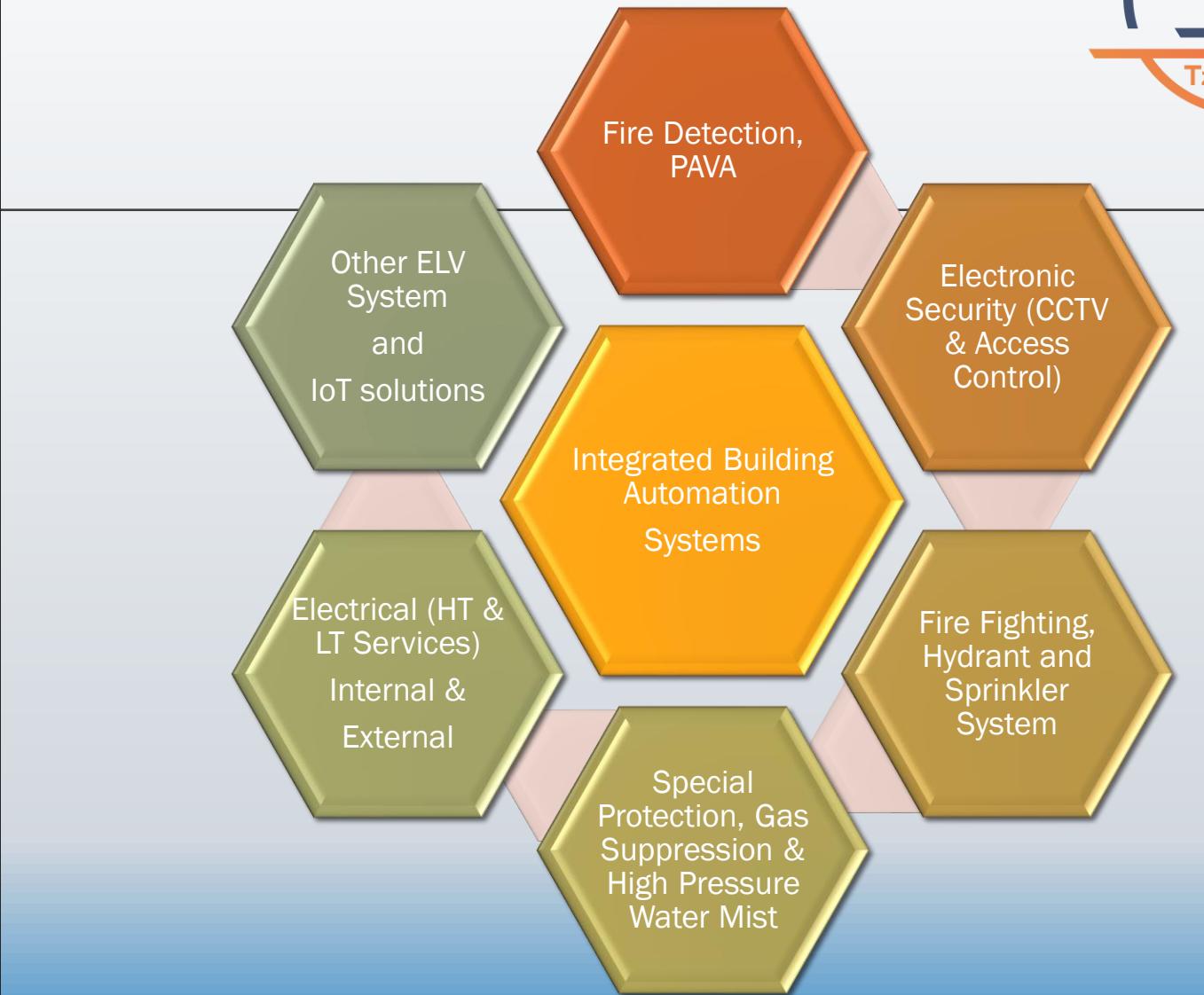


About SS Tzigane

A brief about way forward about
SS Tzigane India Pvt Ltd

SS Tzigane is an emerging engineering service provider for buildings, facilities and construction industry and bringing automations for its installations and operations. May you call for Comfort, energy management or life and fire safety, SS Tzigane is an outmaneuver in bringing technology in the services they offer. WeTech strives for bringing automation in IoT technology and having partnership with all reputed OEM's nationally and internationally. The leadership comes from with 3 decades of combined experience in design and engineering solutions for the buildings and facilities. The mission of SS Tzigane is to bring all the service in one platform in the cloud and making the facility management to focus on to their core functional activities.

Spectrum of our Services



Building Management System



When we call Building Management or Automation system, which is a control system completely computer based designed to monitor building electro mechanical equipment's or services. The objective of BMS is to centralize and simplify the monitor, operate and management in order make more efficient and energy savings for building or buildings. DDC controllers are designed to manage soft and hard integration of various services to control with centralized monitoring.

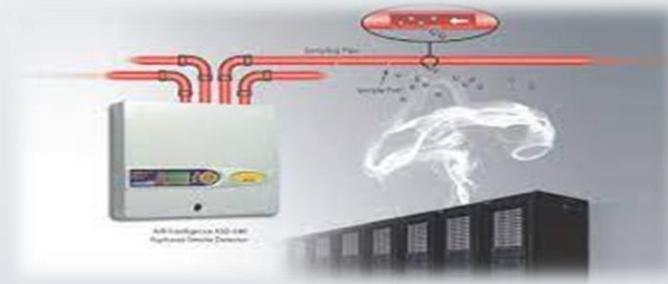


In present scenario and massive infrastructures, the CAM is challenge. Meeting such challenges have become simple with metering and billing solutions. Metering is an IP based device for measuring gas, water, and energy consumption for commercial and homebuilding. An advanced metering smart grid solution is a way forward to build an efficient and reliable electricity usage system and making monthly billing to the tenants or users.

Fire Detection System



Fire Alarm System is to detect the fire or heat. Most of us know the source of fire and which ignites from heat, fuel and oxidizing agent. Mainly when the smoke or heat is increased in the facility is an indication of risk from fire. The system is used to detect and warn people through visual and audio appliances when smoke, fire, carbon monoxide or any other emergencies are present. Generally fire alarm systems, aspiration systems and linear heat detection systems are used for such requirements. The system can take multiple integrations to shut off Air-conditioning & passenger lifts, deactivate Access Doors and many more.



Early detection of a fire is very important in the critical rooms, where the detection with aspiration system will work more efficiently. Generally these systems are used for Data centers, server rooms and any such nature of critical rooms. This is also called high sensitivity smoke detection by sucking the air samples from protected environment through aspirating pipes for quality of air. This would even detect the fire from high flow of air like server rooms etc.

Water based fire fighting



Automatic sprinkler system is known as active fire protection system using clear water being distributed through piping network designed with adequate pressure and flow rate. This works with pumping system having integration with electro mechanical apparatus. There are few national and international codes and standards are followed for designing the system such as National Fire Protection Association etc, for all the Buildings comes under Business Buildings, Industrial Buildings, Mercantile Buildings, Storage Buildings, Hazardous Buildings, residential, Institutional Buildings, Educational Institutions and Assembly Buildings as categorized under Part IV of National Building Code-India.



Fire Hydrant System is an easy access to fight the fire from the external building or from the designated area / fire towers of internal building. The landing valves are directly connected to a pressurized system with pumps and piping network. The auto operation of the pumps with integration of electro mechanical apparatus will continue to discharge the required water for fighting the fire. These systems are required to be installed as defined under National building code.

Fire Fighting for Special purpose



Gas based fire suppression system is predominantly used to suppress the fire where the water less fire protection is required. The agents used among the clean agents available in the market. This is also a pressured system and integrated with the smoke or heat detection. There are several agents being used such as Novec1230, FM200 (HFC227) and Inergen gas. Highly used for Data centers, Server rooms and Electrical rooms etc.

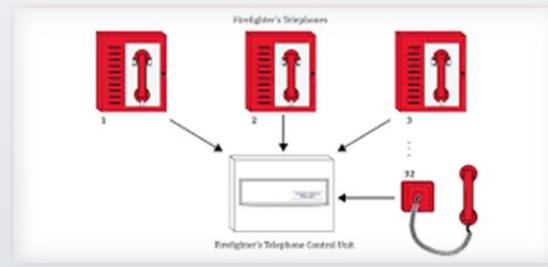


High pressure water mist system is used for special applications where the water usage is concern. The purpose of mist system is to absorb the heat. The vapor created less than 1000 microns will absorbs more heat than water per unit time, due to exposed surface area, will more effectively cool the room, thus reducing the temperature of the flame. The standards are followed of NFPA 750 with open nozzles and closed nozzles based on the volumetric area of its installation.

Public Address & Voice Evacuation



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Fire marshals communications systems are two-way telephone systems typically required in high-rise buildings. The command center contains the control unit with the main handset for use by the fire commanders. Either handsets or jacks for handsets are then placed fire towers, refuge areas of the building for firefighters to communicate with the command center. If the system uses jacks, a number of portable handsets with plugs are provided in the command center for distribution to firefighters. There are few categories of the buildings under National Building Code demands Fire fighter telephone / two way communication system.

Electronic Security Solutions



Surveillance is run through closed-circuit television is a circuit in which the video is transmitted is closed and all the elements (camera, display monitors, recording devices) are directly connected, primarily for surveillance and security purposes. Today this has become high priority system for all the public and secured areas where the surveillance is required. The technology of IP based system is highly scalable and the software present today gives the analytics which are highly intelligent. A human can blink their eye to lose the event / footage, but CCTV takes care every moment of its record.



The access control system is used for secure the entry and restrict the unauthorized entry to a premises. There are several type of security controls through electromagnetic locks, drop bolts etc by giving authorization through access readers. The access are given for authorized personal through cards, PIN, finger prints, face recognition and many more. This is not only for door access, but also given for gate access with Boom barriers, Turnstiles, bollards and many more.

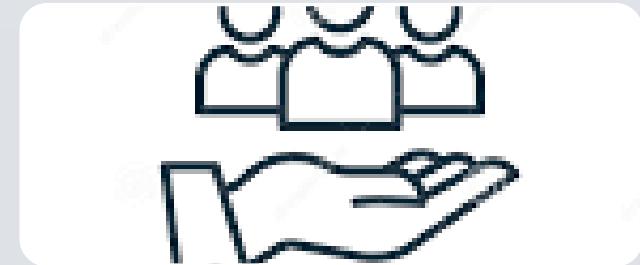
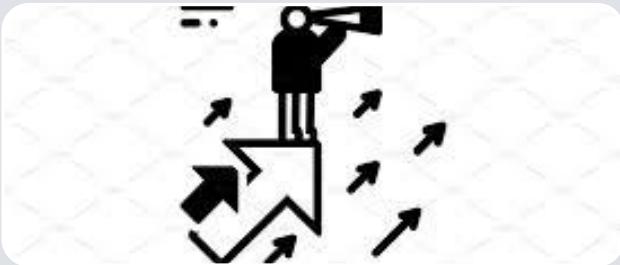
IoT Solutions & HT-LT Systems



As we all know about Machine Learning as part of artificial intelligence, the ML is playing a vital role connecting, analyzing and reporting the data of multiple services connected through sensors, micro processors etc. Predominantly we use this technology on Building Automation system and automation of Pump room etc



Any voltage levels of HT or LT, we here take up complete maintenance, being licensed holder for its maintenance. Generally, an electrical system, within the context of a building, is a network of conductors and equipment designed to carry, distribute and convert electrical power safely from the point of delivery or generation to the various loads around the building that consume the electrical energy.



We aim to provide solutions and services to our customers, which are advance on date and to keep our customers be aid with technology up gradation from time-to-time. In order to make it possible we continues to search for the best products, technology and advance safety methods project delivery.

Grow geographically in Pan-India and make our brand visible across the country for the services we deliver and keep our foot print alive all the time with the revenue generation to the organization

Our values reflects in the self image of our team, where SS Tzigane is a place to fulfill their dreams, also which in turns keeps our customer happy.

Few of our Customers



Few of our Customers



Building Management system EcoXpert Partner

Life Is On

Schneider
 **Electric**

thank you



Coordinates

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