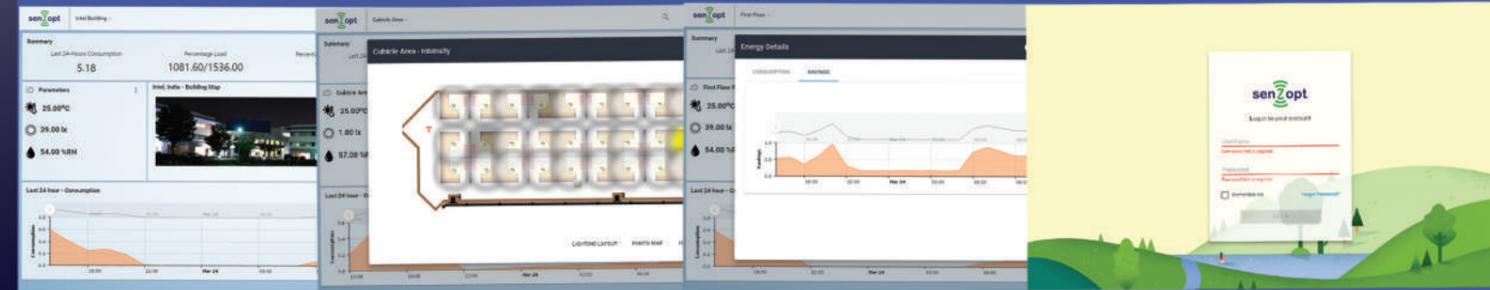




Every solution comes with a comprehensive but easy-to-use hand held UI for a facility manager to monitor and change settings from **anywhere any time**. The software generates alerts for predictive maintenance and is designed to be self-healing in the event of any power loss. Extensive analytics are also available to the facility manager on occupancy rates and energy utilization over a period of time. All data is stored on a high-security cloud server. The software can be upgraded over the air.



For further information, reach out to



Corporate Office:
Senzopt Technologies Pvt. Ltd.,
KMK Towers 2nd Floor, #85, KH Road,
Shantinagar, Bangalore - 560027
sales@senzopt.com

Creating
Self-Aware Buildings



Imagine if a building could be sentient. Be conscious of the environment. Be aware of the expenditure on electricity. Be caring of the comfort of it's occupants. Imagine if a building could be **"Self-Aware"**.

SenZopt brings this idea from the realm of science-fiction into reality. Powered by IoT (Internet Of Things), **state of art sensors and wireless controllers**, SenZopt's solutions are simple, cost effective and sustainable.

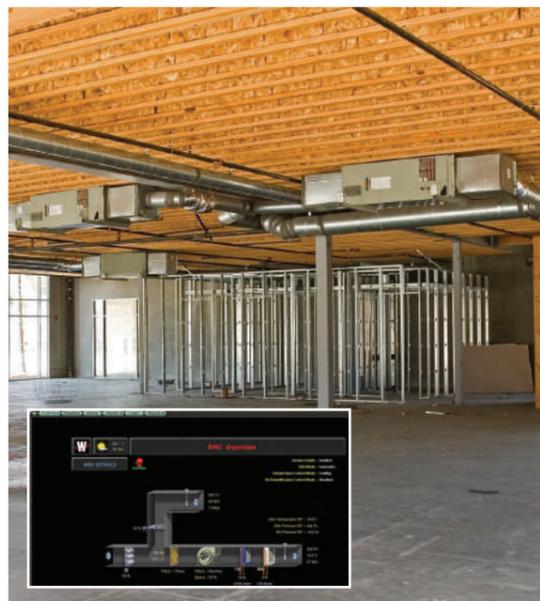
No rewiring or knocking down existing structures. All our solutions can be retrofitted on existing buildings.

SenZopt offerings include **Integrated Lighting, Cooling, Air quality** and **Parking** management solutions which can be customized to provide **Significant Rol in terms of energy savings** with best user experience resulting in increased productivity



Lighting Management Solutions

An average workplace is occupied only about 60% of the time. For the rest of the time, lights are typically left on. SenZopt's Lighting management solutions designed with smart sensors which harvest daylight, modulate lux levels to the optimal setting and detect occupied zones provide best user comfort and goes a step ahead in also eliminating the need for human intervention in saving energy.



HVAC Solutions

HVAC systems form a significant portion of any building's energy consumption. And typically, most of the occupants are not comfortable with the "set temperature". SenZopt's Air-conditioning solution is designed to increase user comfort as well as cut down on unnecessary overheads in cooling by optimizing both zonal level control and AHU level control based on occupancy, outside weather conditions and fresh air demand. With the use of carbon dioxide and PM2.5 sensors, air quality is constantly monitored and controlled as well.

Our solutions can be deployed across any kind of air conditioning system - from centralized HVAC to individual Split AC Units.



Parking Management Solutions

Eliminate the chaos of a multi-level car parking system with "Self-Aware Parking". With a combination of ultrasonic and infrared sensor technology, this solution will ensure smooth flow of traffic in and out of the parking bays as well as efficiently manage the lighting and parking space allotment through our completely automated system. Data analytics added in our solution give facility managers a deeper insight to manage the growing space needs better.



Conference Rooms Management Solutions

How often has your team gathered for a meeting only to waste precious time adjusting a conference room's AC, and then fiddling with the lights every time a presentation turns on. Also many times conference rooms are empty but system says it's booked. With SenZopt's context-aware Conference rooms management solutions, all these little things are smoothly taken care of, allowing you to focus on your work. A combination of sensors and smart plug ensure that lights are adjusted according to activity and occupancy and rooms are shown available based on policy integrated with Occupancy sensor. All the user preferences are available on one device – eg tablet , so there is no need to operate different remotes and switches to change any setting.

All of SenZopt's solutions consist of aesthetically designed, robust devices, which communicate using ZigBee protocol (IEEE 802.15.4)



Ambient sensor



Gateway



Wireless controller



Occupancy sensor