

Sycra Technologies Limited offers advanced IoT solutions for offices to tackle climate change

A wave of heat is spreading across the globe is affecting all parts of people's daily life. The most recent wave has caused several cities to lose water and/or electricity supply and even a city in Chengdu, China to stop working for a week



Shenzhen, Guangdong Aug 29, 2022 ([Issuewire.com](https://www.issuewire.com)) - Climate change is the biggest threat to the humanity and environment on Earth. It is relevant to everyone's day-to-day life in every aspect. One of the most damaging effects of climate change is intense heat-wave across the world. This is where IoT technologies come to the rescue. Internet of Things is not just about improving the homes and lives of people with smart technologies and gadgets and bringing new efficiencies in business and logistics, it has the capability to halt the disastrous impacts of climate change. Sycra Technologies Limited brings smart lighting solutions for office space and even entire buildings, contributing massively to fighting climate change, particularly heat waves.

As per the reports of CNN, over 20 states in the US have reported heat alerts this July alone and various cities in China had to dim the lights in the subways to ease the power supply pressure during a heat wave in August. In Europe, heat waves have caused more than 12,000 deaths and the GDP growth loss is nearly 0.5%. Heatwaves automatically increase energy consumption and it has pushed the continent's energy load to the limit. The massive energy consumption causes high levels of carbon emissions. As per the reports of the United Nations Intergovernmental Panel on Climate Change, if the

global level of carbon emission is reduced from 40% to 70%, it will slow down the rate of global warming but the average temperature of the planet could still increase by 2 degrees.

Carbon emissions can be further reduced through IoT technologies. The large-scale move to LED lighting especially in public areas is supposed to reduce carbon emissions by 1.4 million tons yearly. This move is encouraged by a global NGO called The Climate Group. Manufacturers are now creating city-wide digital lighting networks that can serve as IoT-enabled digital canopies and linked sensors that are included in these networks help enhance municipal efficiency. This smart grid will be able to reduce greenhouse gas emissions by 3.9% by the end of 2030. The IoT-enabled energy supply network offers numerous benefits. Sycra's open-source system Sycra Smart System combines hardware and software to establish superior and sophisticated monitoring, management, and optimization of office space and whole buildings. With this system, companies can build sustainable and productive smart office environments and save maximum energy and reduce energy waste.

As one of the leading IoT technology companies in the world, Sycra Technologies Limited brings full-proof solutions for lighting systems in office spaces and buildings from lighting control to heating, ventilation, and air conditioning (HVAC) with their smart monitoring and security management services. Using the Sycra Smart System is extremely affordable with no extra wiring or construction work at the time of installation. Some equipment can be retrofitted and re-used to work together with the Sycra Smart System. The system offers open-source software and hardware that are optimized to be compatible with stock and third-party equipment. It offers real-time monitoring 24x7 with full data analysis and advanced maintenance. It can be fully customized for both small and big offices and an entire building. The technology used in the system is acquiescent to Building Energy Code, regulatory standards, and Energy Audit Code.

Sycra Technology Limited is a branch of the German Astera Group that is well-known for designing and manufacturing smart and sustainable equipment and lighting fixtures. The company offers next-generation IoT solutions, smart lighting solutions, smart office solutions, and smart garden solutions. The company has done more than 100 high-profile installations all over the world. To know more about their IoT solutions, visit them at <https://sycratech.com/>.



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