

Background

Companies around the world are taking steps to reduce their energy consumption due to scarce resources, rising energy prices, and increased awareness of corporate environmental responsibility. As buildings become smarter and more connected, it's easier than ever for companies to expand their traditional lighting systems into "smart" lighting systems. Lighting control systems play a vital role in lighting systems by allowing users to turn lights on or off automatically using switches, and/or adjusting light output up or down using dimmers. Efficiently managed and energy-optimized buildings are more attractive to potential buyers and investors. Research indicates that every \$1 reduction in energy costs results in an approximate \$20 increase in building value. Also, automated adjustments to temperature and ventilation maintain consistent indoor conditions, leading to improved occupant comfort. This has shown to increase tenant satisfaction by up to 25%, contributing to better overall building experience.

The office building in Dubai aimed to improve its energy efficiency while lowering operational costs. Our partner Sensgreen has helped their client successfully deploy and retrofit the building with a cost-effective smart light control solution.



Challenges



and potential human error.



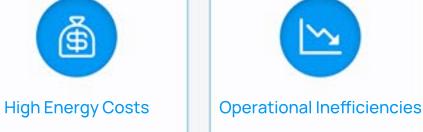
Without automation, the

building faced high energy

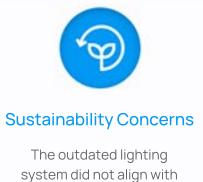
consumption and elevated

electricity bills, impacting

operational budgets.



Manual lighting control led to operational inefficiencies, with lights sometimes left on unnecessarily, wasting energy.

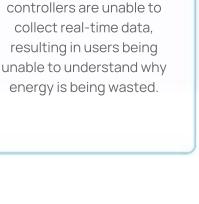


modern sustainability

standards, increasing the

building's carbon footprint.





Lack of Reliable Data

Traditional lighting

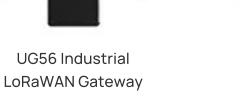
Solution



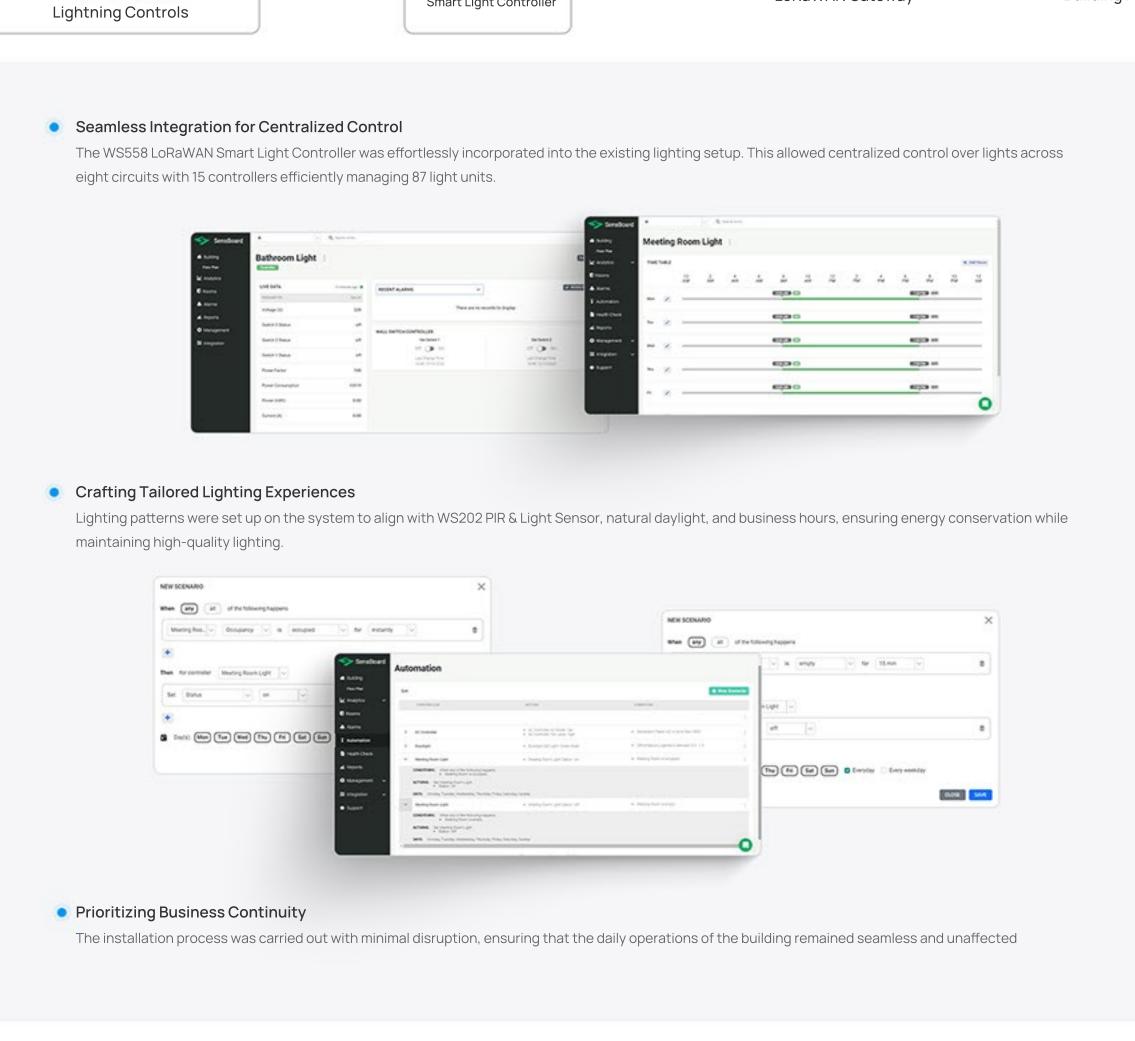


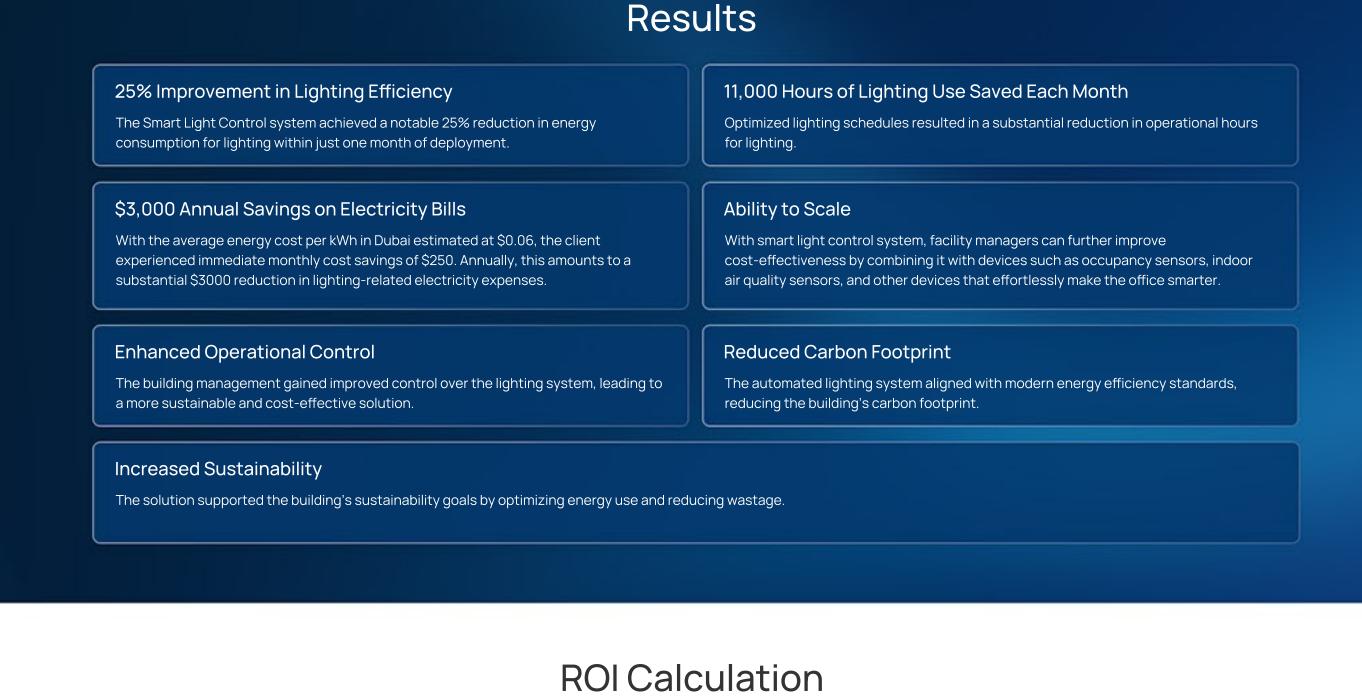












Return on Investment (ROI): (\$8000 / \$3000) = 2.67 years = 32 months

\$3,000

Annual Light Energy Cost After Implementation:

Annual Light Energy Consumption Cost Before Implementation:

\$10,000

\$7,000

Annual Savings:

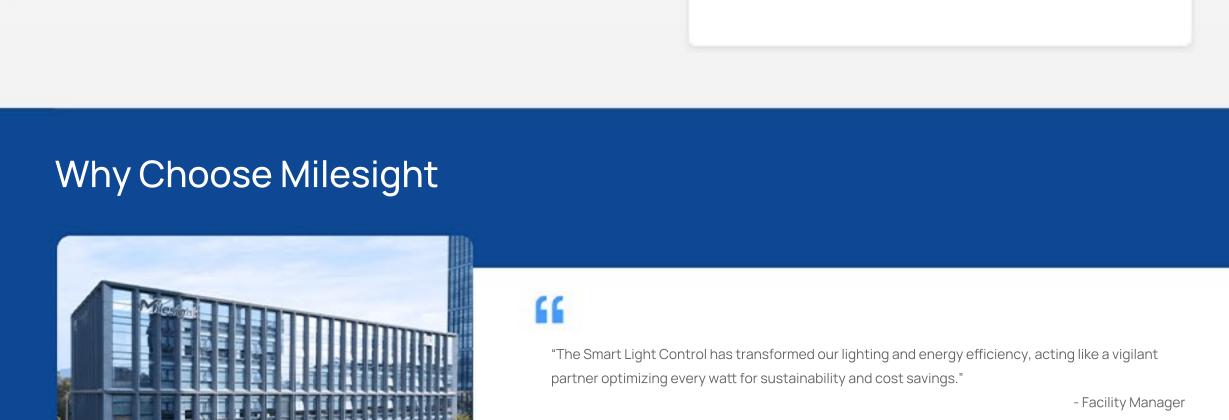
Smart Building Solution

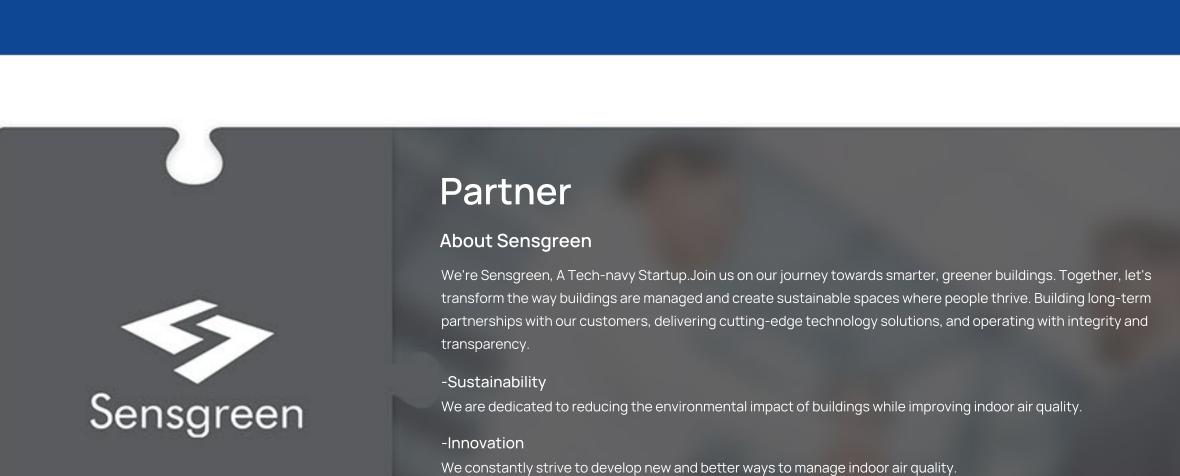
Discover More about Milesight Product

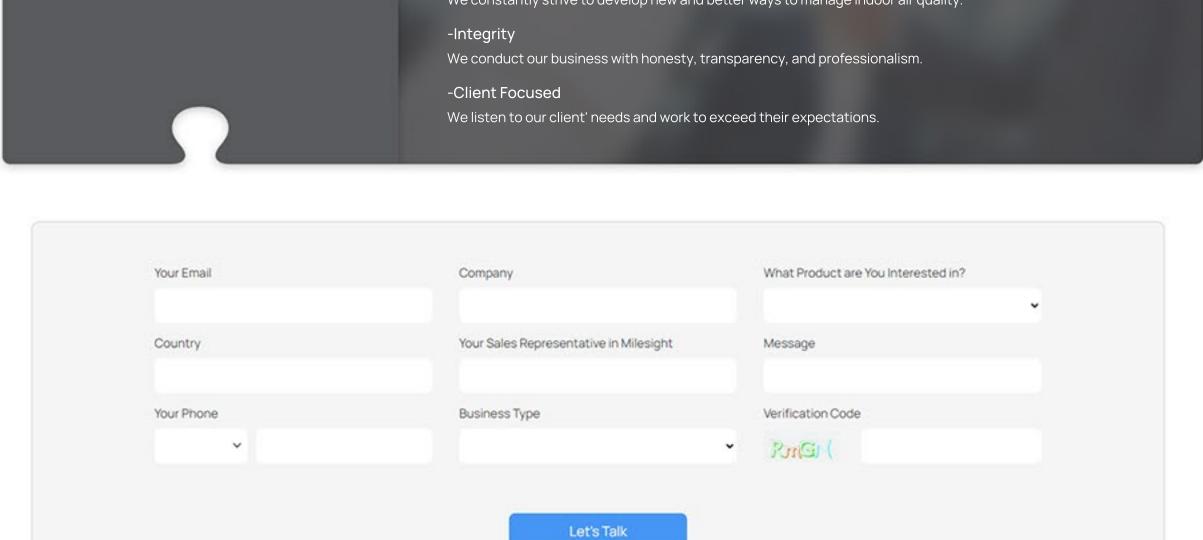
Milesight CoWork Smart Space Series

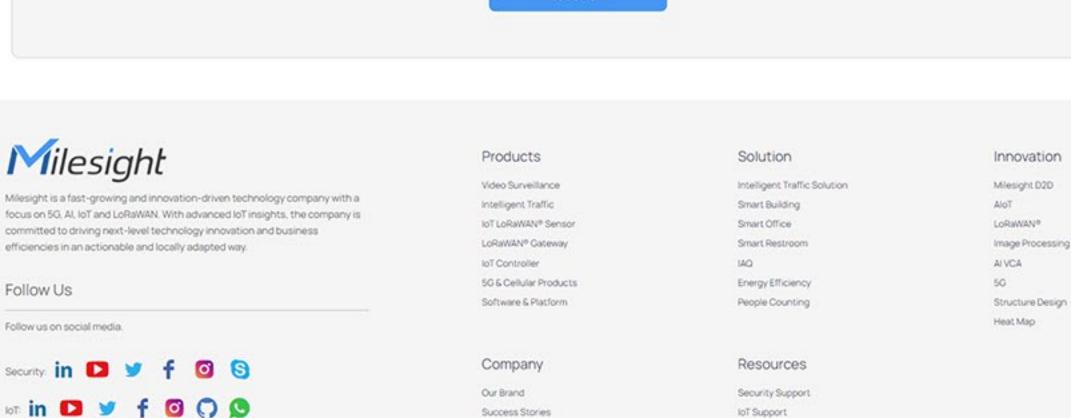
\$8,000 (including hardware fee & platform subscription)

Implementation Cost:









Ecosystem Partner Program

Security Channel Partner

LoRa' Alliance Member

Academy

Video Center

Download Center