



ILS CLEAN & SAVE – CLEAN UV LIGHTING FOR BUILDINGS

PROOF OF INTELLIGENCE IS TO USE UV-C LIGHTING TO STERILIZE YOUR OFFICE.

ILS Clean & Safe embedded intelligence features an algorithm that continuously analyses its environment with several sensors. The collected data enables it "to know" : when the site is used, how often, for how long and by how many people.

The collected data is processed in real time to decide the best time of day or night to turn-on the UV-C lamp in order to sterilize the objects, equipment and air present in the covered space.

The system's embedded Business Rules enable to set the lamp schedule and the

amount of time needed to effectively sterilize the space.

Whenever the space is occupied during the sterilization cycle, a safety feature turns-off the lamp and warns the facility manager through an APP. Once the space is empty the cycle restarts after a preset delay.

INTELLIGENT MANAGEMENT OF STERILIZATION CYCLES INTERRUPTIONS

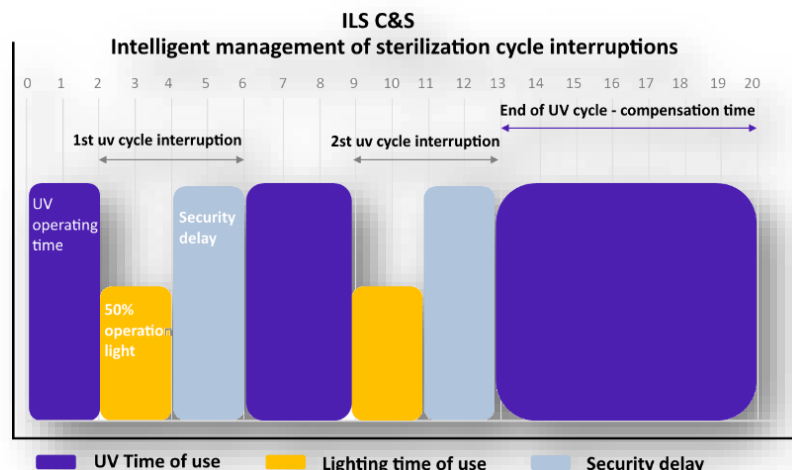
To guarantee total sterilization the lamp operation cycles must be completed.

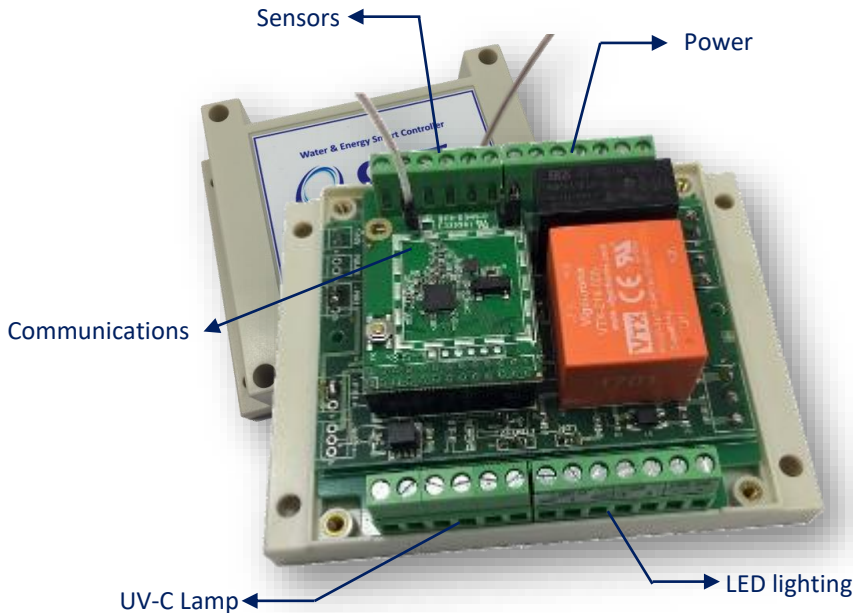
When interruptions occur due to unexpected presence of people onsite these breaks must be compensated by extending the cycle duration.

After an unexpected interruption, ILS C&S always retakes the ongoing cycle after a preset security delay.

ILS C&S technology controls any type of UV-C lamp.

The efficiency and security of its operation mode sets ILS C&S apart due to its unique technology.



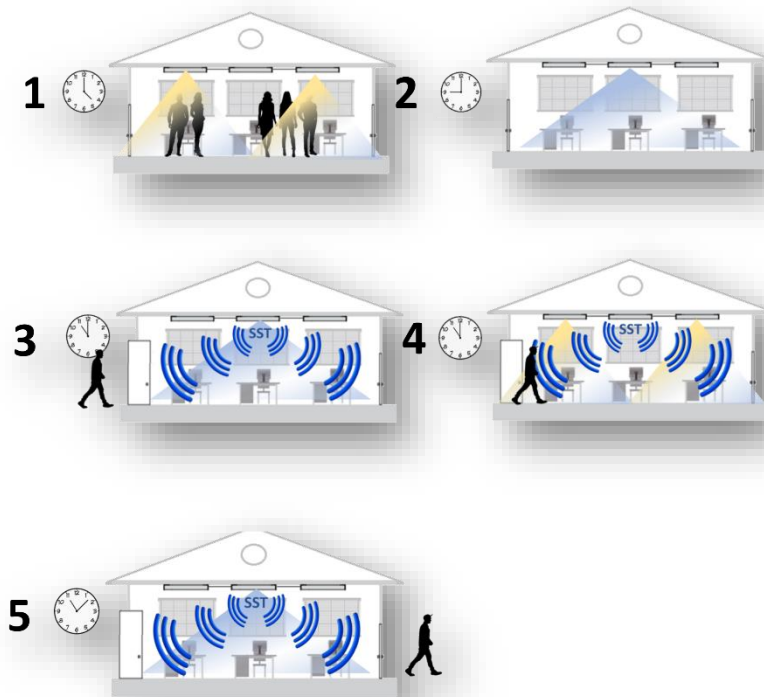


FEATURES

ILS Clean & Safe base station WEB interface features:

- Dashboard for monitoring
- Configuration module
- Multiple search module
- Benchmarks and analytics
- Time profiling of consumption and site usability
- Business Rules Module
- Warning and alerts through APP

OPERATION CYCLE



STEP 1 – In normal work time ILS provides the right amount of light when and where needed.

STEP 2 – According to its schedule and if no one is present ILS Clean & Safe starts the sterilization cycle.

STEP 3 – Whenever during the sterilization cycle someone is detected...

STEP 4 – ILS Clean & Safe turns down the UV-C lamps and turns on normal lighting at, e. g., 50% of working light level.

STEP 5 – When people leave the space and “no presence” is detected the system turns down normal lighting and, after a preset delay, restarts the UV-C sterilization cycle till its full time length is reached.

WARNINGS & ALERTS

When sterilization cycles are interrupted or ILS C&S detects changes in the environmental conditions favourable to bacterial growth it emits warnings through its APP.