



# Skytron

UVC Disinfection

# A Comprehensive Portfolio to Meet Your Unique Needs



By offering the most comprehensive portfolio of UVC on the market, Skytron has the ideal UVC solution to fill the need of any hospital, long term facility, or any area that is improving infection control procedures. Through effective, single-cycle, whole-room disinfections, Skytron UV delivers the correct dose ensuring maximum automated germicidal treatment with every cycle.

## Patient Safety

Our solution is proven to kill bacteria, viruses, and fungi and help reduce HAI's which save lives.

## Correct Dose

With our SmartDosage UV™ technology, we ensure the correct dose of germicidal energy every time.

## Financial Impact

Our portfolio of UVC provides a choice for any budget while still saving money on HAI's and your HAC score.

## Trusted Partner

Skytron is a leader in medical devices and innovation. We focus on our partners to ensure your path to success.



Patient Safety



Financial Impact

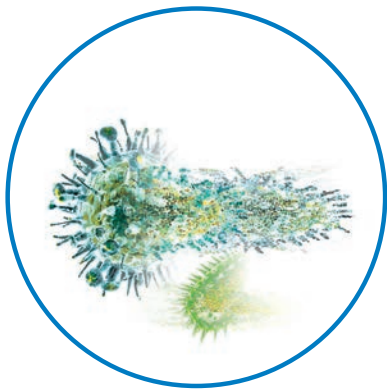


Correct  
Dose

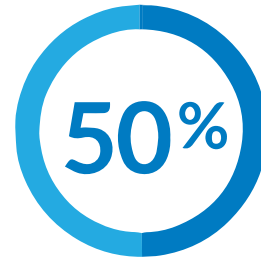
# The Problem



Each day, about 1 in 31 U.S. patients has at least one infection associated with hospital care. That is 1.7 million patients with an estimated 98,000 patients dying because of improper sanitation <sup>1,6</sup>



The cost of HAI's from a Surgical Site infection costing around \$18,902-\$22,667 per incident C.diff infection costing \$9,118-\$13,574 per infection.<sup>2</sup>



Less than 50% of hospital room surfaces are adequately cleaned and disinfected when chemical germicides are used. The overall thoroughness of terminal cleaning is an average of 49%. <sup>3,4</sup>



Hospitals with Total HAC Scores greater than the 75th percentile of all Total HAC Scores (i.e., the worst performing quartile) will be subject to a 1% payment reduction. <sup>5</sup>

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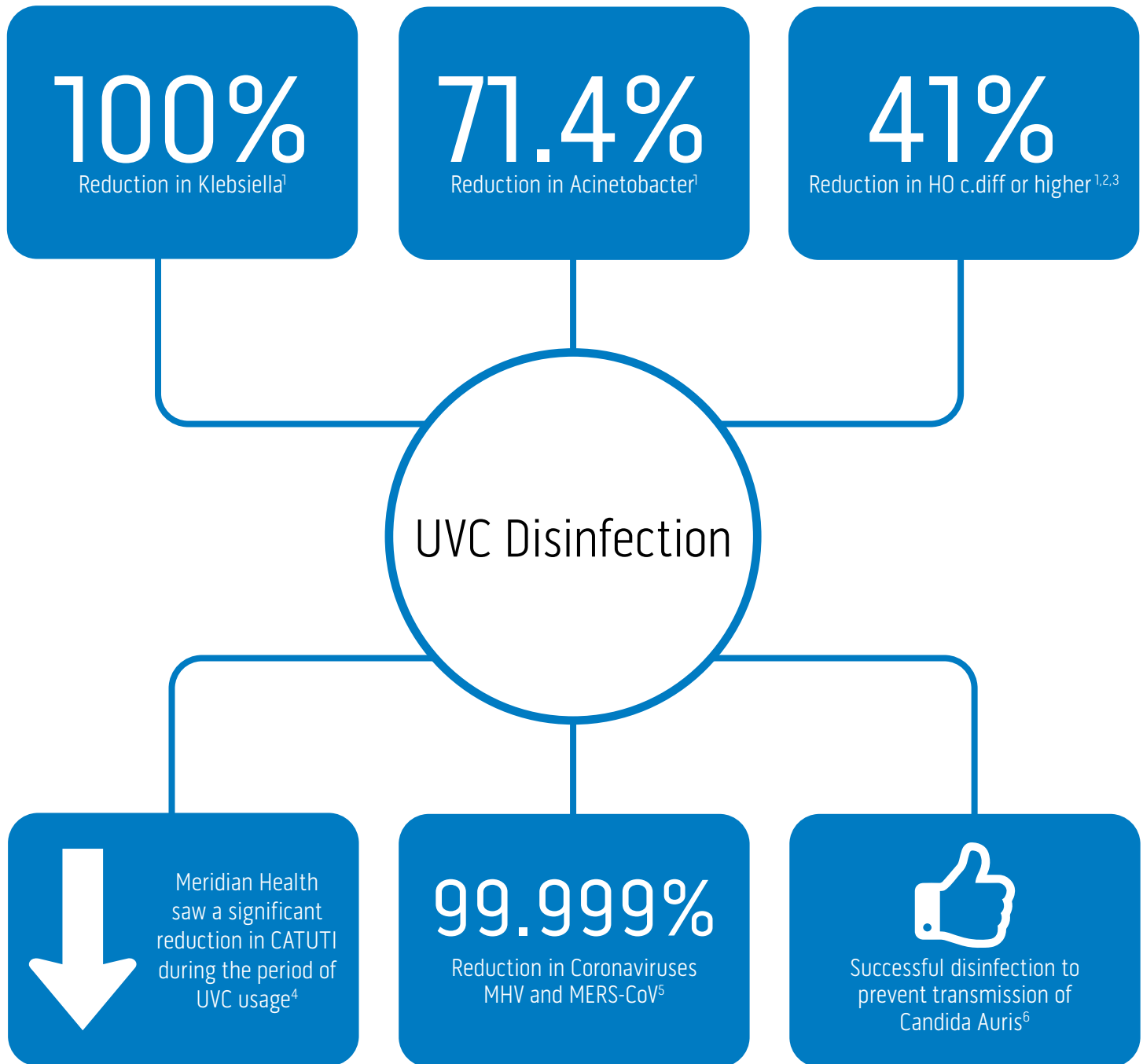
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# The Patient Safety Solution



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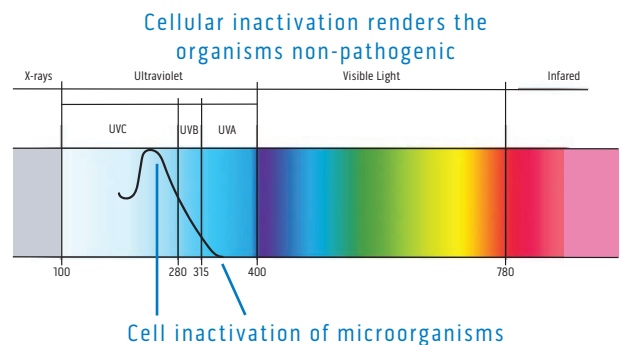
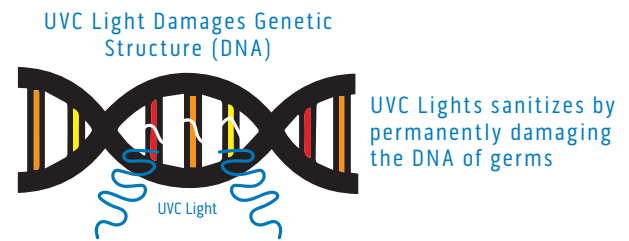
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# Correct Dosage

Skytron and Surfaced's Ultraviolet C (UVC) provide an effective method of microorganism inactivation for contaminated air and surfaces. UVC disinfection technology has been in use since the early 1900's for municipal water supplies and Skytron's UVC devices are a powerful, modern, mobile solution to reduce HAI's.

UVC energy is a wavelength range of Ultraviolet energy spanning 200-280 nanometers (nm). Skytron's UVC devices specifically employ the highly germicidal 253.7 nm bandwidth to cause photochemical damage to cellular DNA and virus RNA. This biological damage inactivates the cell by preventing replication and therefore infection capability. Germicidal efficacy is determined by the overall dose of UVC, which is a product of lamp output (i.e., intensity) and exposure duration.



Traditional, manual hospital cleaning protocols are often insufficient in stopping the spread of pathogens and leave room for error in technique and chemical application. With the use of smart technology, the Skytron portfolio ensures the correct germicidal dose is thoroughly delivered to all surfaces, lowering infection rates and costs.

# Trusted Partner

## Service

Skytron's industry-leading service programs are worry and hassle free:

- One to five year plans which cover all OEM parts, including lamps and labor
- On-site service visits and travel expenses, 24/7 telephone support, and annual preventative maintenance check-ups
- "Spare in the Air" program, where Skytron expedites a replacement robot to minimize down time during required services
- Consultation for implementing an optimal deployment strategy for your facility
- 98% up-time guarantee

## Training

Skytron offers instruction on UV robot operation to ensure safe and effective performance:

- Training for multiple shifts of staff
- Training of management staff in the cloud-based tracking and documentation system

## Financial Impact

Skytron offers solutions designed to deliver the highest performance with the lowest overall cost of ownership. Skytron's Total Cost of Ownership (TCO) program provides customers with a plan to prevent as much equipment down-time as possible, and a defined annual cost of ownership for confident budgeting.

- Reduce HAI'S
- Reduce HAC Score

## Savings Estimator



50 Bed Hospital  
In 5 Year Savings  
943K



500 Bed Hospital  
In 5 Year Savings  
9.43M

Need more help? We're just a phone call away. 800-759-8766

# Single Emitter Systems

## 1140 Sentry



### Value

Category leading UVC, single cycle disinfection

### Flexibility

Removable emitter for use in small spaces

### Simplicity

Lightweight and easy to move



### Removable Emitter

- Small footprint
- Easily fits in confined spaces
- Ideal for EMS and Aeromed applications

## 3200 Max

### Shorter Run-Times

Highest single emitter UVC dose

### Higher Room Throughput

Faster cycles equals more rooms in less time

### Smart Cycle UVC

Field Balance and PowerBoost UV Technology





# Multiple Emitter Systems

## 2280 Syndicate



### Multiple Locations

Dual Emitters allows for two locations hit with same cycle

### Shadows Minimized

Two Emitters allows for more effective treatments

### Lower Labor Costs

Units do not require repositioning to complete cycle

## Surfacide

### Greatest Coverage

Three Emitters in a single cycle allow more UVC dose delivery in less time

### Shadows Minimized

Significantly reduce shadows and deliver more UVC dose to high-touch surfaces

### Lower Labor Costs

Units do not require repositioning to complete cycle

### Flexibility

Handling in multiple configurations and deliver UVC dose to defined areas





# Circle of Infection Prevention Solutions



Skytron is the Healthcare Efficiency Specialist, providing full-room solutions of capital equipment, architectural and real-time information systems for Medical, Surgical, Sterile Processing, and Infection Prevention. Our solutions enhance the utilization of people, facilities, and capital because they are designed with the user in mind and have a low, long-term cost of ownership.

To learn more, visit our website at [www.skytron.com](http://www.skytron.com)



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