

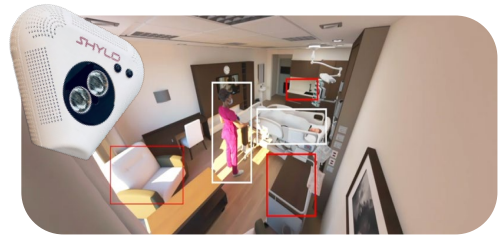


Autonomous UV-C Disinfection Powered by AI

Precision, Labor-Free UV-C Disinfection

1

Shyld AI monitors the activity within the room and identifies potentially contaminated surfaces and equipment



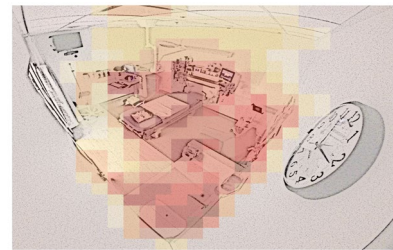
2

Then automatically disinfects those surfaces and equipment with a collimated, directional UV beam



3

Automatically confirms UV-C disinfection with a digital heat map on the Shyld AI dashboard

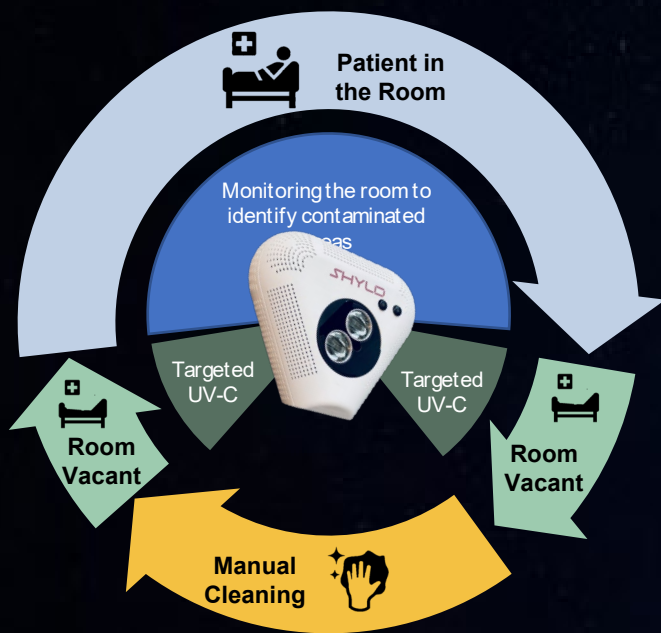


Independently Proven 99.9% Pathogen Inactivation

Pathogen	Time	Distance
MRSA	20 seconds	6.5 feet
<i>C. difficile</i> spores	30 seconds	6.5 feet
<i>E.coli</i>	30 seconds	6.5 feet
<i>Pseudomonas aeruginosa</i>	30 seconds	6.5 feet
<i>Candida auris</i>	60 seconds	6.5 feet



Frequent UV-C Disinfection Throughout the Day



- **No manual operation: Autonomously powers on and off**
- **Disinfects surfaces and objects in seconds when room vacant**
- **Room turnover in under 5 minutes**

Independently Proven Clinical Efficacy

- **93% bioburden reduction above and beyond traditional UV towers in Endoscopy Unit study**
- **99.995% inactivation of *E. coli* in 15-45 seconds at 4 ft-20 ft in Patient Room study**



Designed for Operational Efficiency and Safety

Plug-and-Play Operation out of the Box

- No electrical or IT modifications for installation

Secure, Safe Operation

- Advanced sensors technology for use in unoccupied settings
- HIPAA-compliant: does not transfer PHI or PID
- Mercury-free UV-C LED lamps

