

Disinfection Roadmap



Disinfection Roadmap

EMC's germicidal solutions including UV lighting and visible light disinfection (405 nm) along with photocatalytic technologies are offered through a systematic roadmap approach. We identify areas for air + surface disinfection while maintaining the health and safety of the occupants. These options are considered for each project:

M

Mobile

Mobile UV-C photocatalyzer + filtration solutions

В

Basic

No enhanced disinfection technologies; increase HVAC air exchanges + liquid cleaning frequency



L1

Foundational HVAC clean air upgrade using UV-C light and/or photocatalyzers to treat entire facility

L2

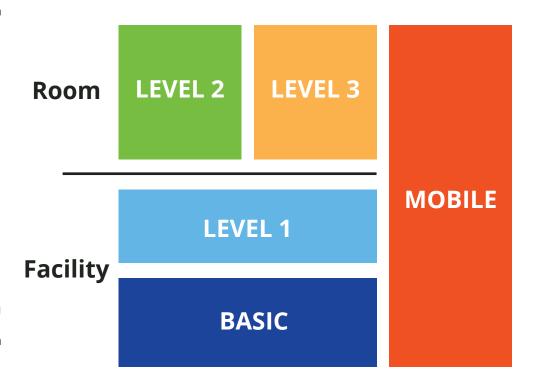
Level 2

High intensity room air + surface disinfection using fixed or mobile UV-C photocatalyzer + filtration solutions

L3

Level 3

Active (direct) disinfection of air and surfaces in occupied rooms





Disinfection Roadmap

Disinfection Solutions by **Room Type**



Mobile

- UV-C surface; pulsed Xenon; photocatalyzers; filtration; active disinfection
- · Room or facility solution



Basic

- HVAC air exchange + filtration + liquid surface disinfection
- Facility solution



Level 1

- HVAC with UV-C air/surface solutions (coil + airstream); photocatalyzers
- Facility solution



Level 2

- Upper air + chamber troffers (254 nm UV-C air/surface; photocatalyzers)
- Room solution



Level 3

- Active continuous solutions (405 nm; UV-C 222 nm; UV-C 365 nm; photocatalyzers)
- Room solution

Health Care Facility Example

