

A Comprehensive Approach to Cleaning

Healthcare-associated infections (HAIs) affect **1 in 25 hospitalized patients** in the U.S. annually, resulting in the loss of tens of thousands of lives and costing the healthcare system billions of dollars.¹



Studies show rates of some HAIs decrease by as much as 70% with the implementation of prevention practices.²

Universal precautions dictate that medical computing devices must be cleaned between each patient encounter. Lenovo is simplifying this process with a comprehensive, multi-pronged approach that aligns with Centers for Disease Control (CDC) standards for healthcare cleaning, disinfection, and sanitization. Our three-part cleaning strategy ensures that Lenovo Health technology delivers not only superior performance, but also the highest level of patient protection.

1 Ruggedly Cleanable Devices

How can you be sure a device will withstand the repeated daily cleanings required in a healthcare environment? We tested it — 10,000 times — using industry-standard wipes and the chemical cleaning modalities established by the CDC. If you average 12 to 14 patients a day, five days a week, that's how many times you'll need to clean a device over its three-year lifecycle.

Lenovo has certified four of the CDC's recommended modalities as safe to use for the cleaning, disinfection, and sanitization of our devices:

- **Hydrogen peroxides** (concentrations up to 3%)
- **Isopropyl alcohol** (concentrations up to 70%)
- **Quaternary ammonium compound** in solutions
- **Peracetic acid (PAA)** in solutions

12-14 patients a day
5x a week
= 10,000 cleanings
needed for a healthcare device
over its three-year lifecycle



Accessories are cleanable, too. A complete line of Seal Shield™ medical-grade keyboards and mice complements our healthcare portfolio. These devices are fully washable and waterproof for use in healthcare environments.



¹<https://psnet.ahrq.gov/primers/primer/7/Health-Care-Associated-Infections>

²<https://www.healthypeople.gov/2020/topics-objectives/topic/healthcare-associated-infections>

2 Software Support

The Lenovo Quick Clean software application suspends user input from keyboards, touchpads, and touchscreens, facilitating thorough wipe-downs without requiring device shutdown. The application launches easily from the menu or with a shortcut key, and the duration is customizable to meet the standards for contact time specified by cleaning product manufacturers.



The Lenovo Quick Clean application is available on the new ThinkPad® T14i Healthcare Edition.

3 Antimicrobial Surface Treatments

Designed specifically to meet the needs of healthcare professionals, the new Lenovo T14i Healthcare Edition features an ISO 22196-compliant antimicrobial surface treatment, which renders it inhospitable to microbes including *E. coli*, *C. diff*, MRSA, and norovirus.

Many Lenovo accessories, including medical-grade Seal Shield™ products, also include surface protection containing an antimicrobial fungistatic agent that inhibits the growth of bacteria, mold, mildew, and fungi.

To learn more about Lenovo Health and our products, contact your local Lenovo Account Representative or your local business partner.

For more information on how to properly clean Lenovo Health products, visit www.Lenovo.com/cleanpc www.intel.com/healthcare



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