

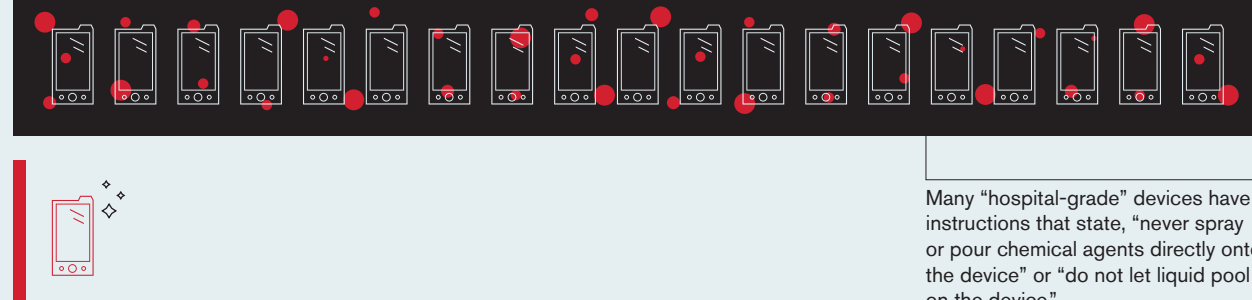
How to disinfect the Sonim XP8 smartphone to protect against COVID-19.



At Sonim, we create solutions that support the essential industries helping our communities through COVID-19. To better understand how Sonim's chemical-resistance can help you and your team stay safe and healthy on the job, we created this guide to cleaning and disinfecting your Sonim device.

Nearly 99 percent of hospital staff smartphones were contaminated with potential pathogens.*

/01



Having the highest Ingress Protection rating allows us to make a more rugged smartphone.

/02

IP689K

INTRUSION PROTECTION
A 6 rating, the highest, means a device is **totally dust tight.**



MOISTURE PROTECTION
A 9 rating, the highest, means a device is protected **against high pressure, high temperature jet sprays.**

An increasing number of consumer smartphones have evolved their IP rating to **IP68**, which means they can be submerged in water, but it does not necessarily mean they can be submerged in a disinfectant like a Sonim smartphone can.

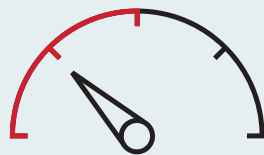
A smartphone with **IP68 AND IP69K** means the Sonim XP8 has the highest moisture protection, enabling the aggressive cleaning and disinfecting possible with our device and not other so called "rugged" devices."

According to the Centers for Disease Control:

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Cleaning

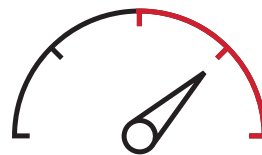
Disinfecting



vs.

Cleaning

Disinfecting



Removes germs, dirt, and impurities from surfaces or objects. Cleaning works by using soap (or detergent) and water to physically remove germs from surfaces. This process does not necessarily kill germs, but by removing them, it lowers their numbers and the risk of spreading infection.

Kills germs on surfaces or objects. Disinfecting works by using chemicals to kill germs on surfaces or objects. This process does not necessarily clean dirty surfaces or remove germs, but by killing germs on a surface after cleaning, it can further lower the risk of spreading infection.

All Sonim devices under go a rigorous, four-step chemical-resistance test that includes:

/04



1. Applying chemical agents, such as isopropyl alcohol, bleach/water mix, dishwasher detergent, Benzalkonium Chloride, glass cleaner, acetone, gasoline, etc., directly to the Sonim device.

2. The chemical is allowed to sit on the device for up to 24 hours.

3. The device is put in an oven set at 50° C for two hours.

4. The device is inspected for any improper operation (power on, make a call, etc.) as well as for any cracking, fading or damage to any parts.

A Sonim smartphone is able to be disinfected in ways that other phones are not.

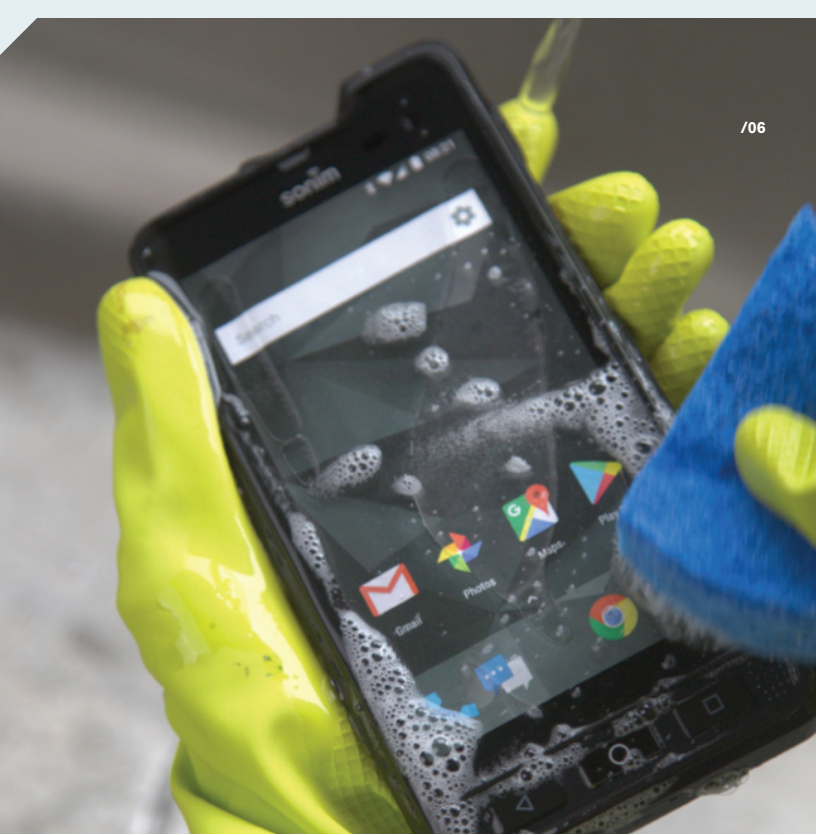
/05

	Method	Sonim	Other Phones
	Aggressively scrub and wipe-down		Clean "gently"
	Safely submerge in chemical cleaning agents up to 30 minutes		Do not submerge in cleaning or disinfecting agents
	Use aerosol sprays, bleaches and other abrasive cleaners as needed		Do not clean with aerosol sprays or bleach
	Safe to spray directly on the device		Do not spray cleaning agents directly on device

Sonim devices are as indestructible as they are invaluable.

Innovative, ultra-rugged mobile devices when sanitization is critical, Sonim sets the bar for rugged devices, equipping your team with ultra-reliable communication tools that serve their job, health and safety every step of the way.

Military-rated design and industry-leading Rugged Performance Standards (RPS) ensures reliable communication even in the most hazardous conditions.



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Stand up to COVID-19 with a smartphone that stands up to aggressive cleaning and disinfecting.

/07



Footnotes
*Journal of Hospital Infection, Vol 104, Issue 2, Feb. 2020

