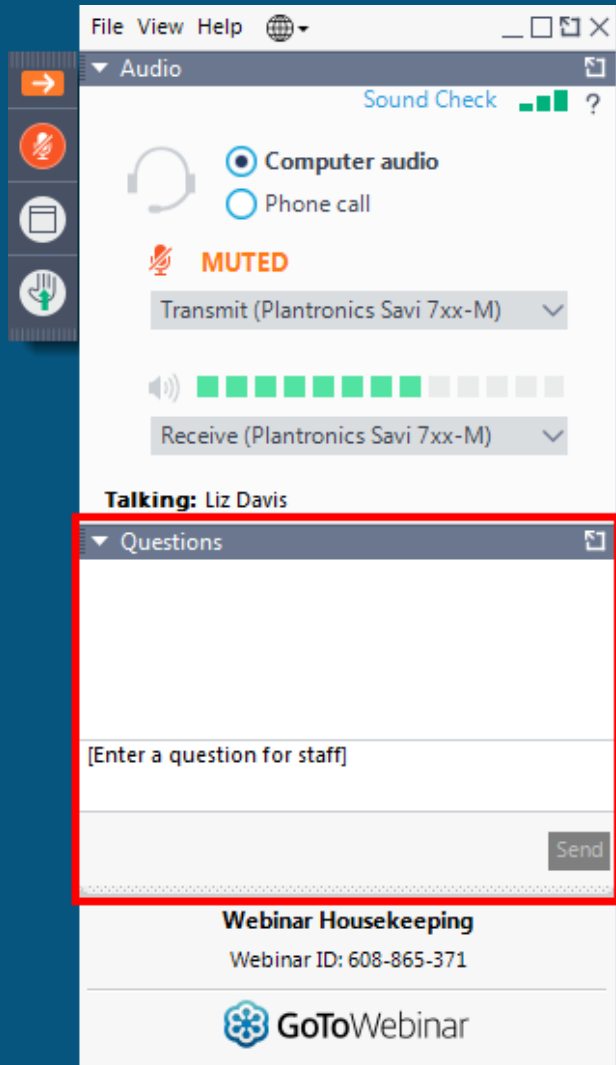


Sustainably reduce risk with intelligent, hospital-grade UV-C disinfection



July 15, 2021

Housekeeping



At the end of the presentation, we will have a **Question and Answer** segment where we will try our best to answer all of your questions.

Please type your questions into the **Questions tab** of your Go To Webinar dashboard.

This is located on the **side of your screen**.

If you don't see the Webinar dashboard, it may be collapsed. Look for an **orange arrow** in the top right corner of your screen, click on that arrow and it will expand the dashboard.

Today's Presenters



- ▶ **Eli Harris**, President, R-Zero Systems, Inc.



Moderator:

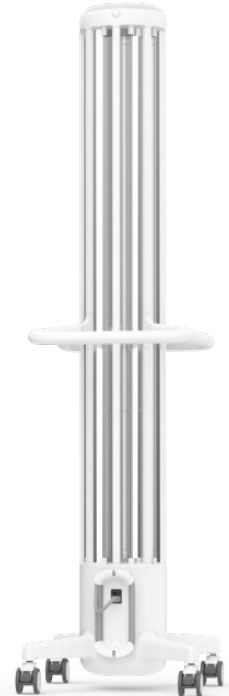
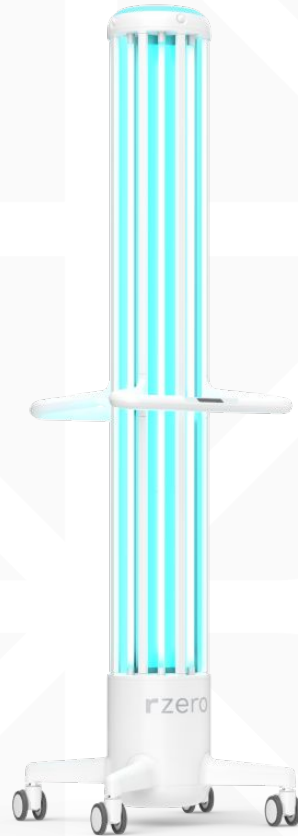
- ▶ **James Collins**, Senior Director, Business Development, CSBA



rzero

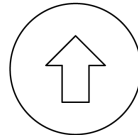
**Sustainably Reduce Risk
with Intelligent,
Hospital-grade UV-C
Disinfection**

Eli Harris, President



R-Zero. Because we all need a new normal.

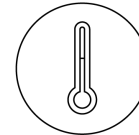
COVID-19 exposed how vulnerable we are to infectious diseases. But the challenge is bigger than the coronavirus alone. When it comes to infection prevention, we need a new normal.



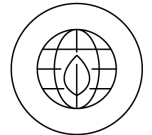
**Increase
trust and
confidence**



**Protect students
and staff**



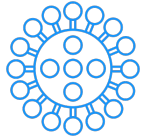
**Reduce
sick days**



**Environmentally
friendly**



Before COVID-19, 40M Americans caught the flu each year and we accepted this as normal.



40M

INFLUENZA

Impacts 40 million
Americans every year



1M

HAIs

Occur across health
care every year



21M

NOROVIRUS

Impacts 21 million
Americans every year



265K

E. COLI

Impacts 265 thousand
Americans every year³



100K

STAPH INFECTIONS

Impact 100 thousand
Americans every year

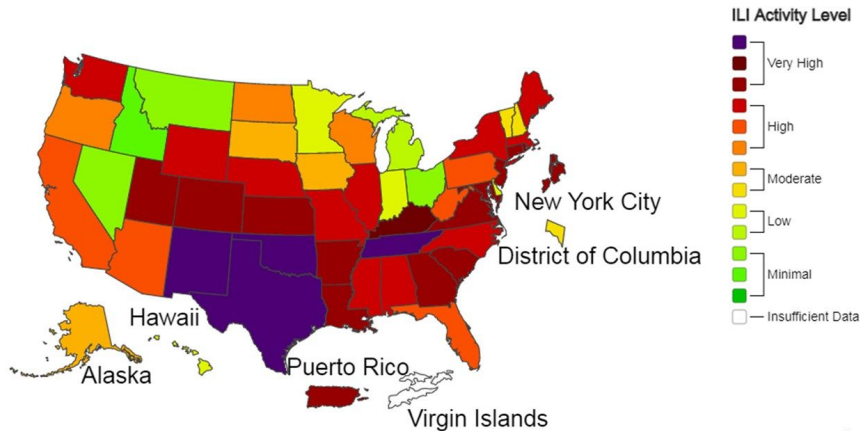


But while fighting Coronavirus, we've proven we can wipe out the flu.

Flu Cases Before Coronavirus

A Weekly Influenza Surveillance Report Prepared by the Influenza Division

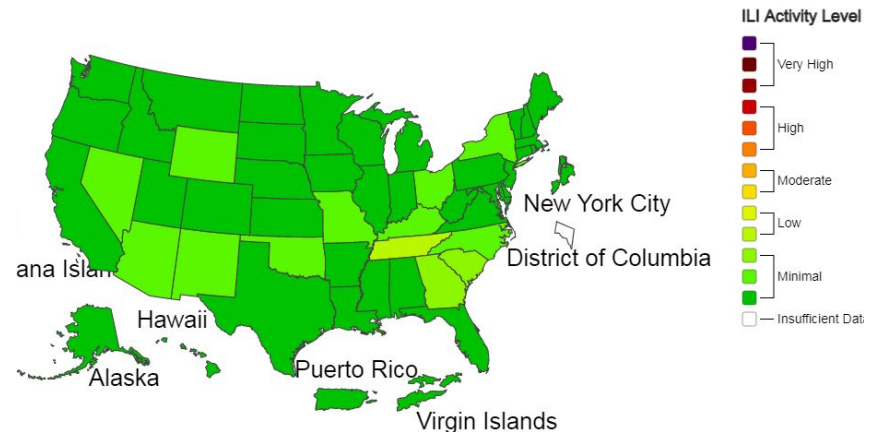
Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2019-20 Inflation Season Week 3 ending Jan 18, 2020



Flu Cases During Coronavirus

A Weekly Influenza Surveillance Report Prepared by the Influenza Division

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-21 Inflation Season Week 2 ending Jan 16, 2021

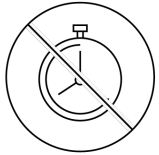


So where do we go from here?

Disinfection has not changed significantly in a century.

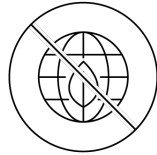


The pandemic exposed the flaws of antiquated disinfection



Inefficient

A Clorox study found that hospital disinfection through wiping surfaces cleaned only 50% of surfaces (even with trained staff).



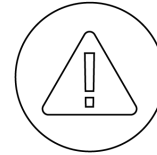
Unsustainable

Disinfecting buildings means thousands of gallons of chemicals per year.



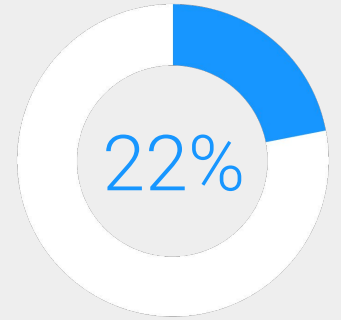
Dangerous

Errors in dilution, mixing, and application of chemicals can result in respiratory issues, skin and eye damage, asthma, lung disease, and more.



Manual

On average, 87% of manual disinfection costs are labor related.

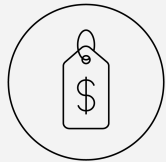


Nurses who used disinfectants at least once a week for 8 years saw their risk of developing COPD, the third leading cause of death in the US, rise by 22 percent



UV-C has been the leading disinfection solution for the highest risk environments, hospitals, since the 1950s.

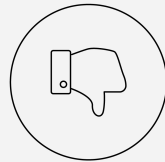
It hasn't crossed the chasm to non-medical applications because of the following reasons...



Expense



**Previous
non-medical
options were
ineffective**



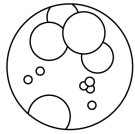
**Poor user
experience**



Meet R-Zero Arc

An IoT-enabled whole room UV-C disinfection system that is more powerful than medical devices, but affordable for non-medical businesses.

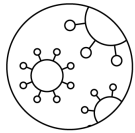
Destroys over 99.99% of pathogens in a 1,000 ft² room in just 7 minutes



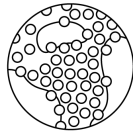
>99.99%
MRSA



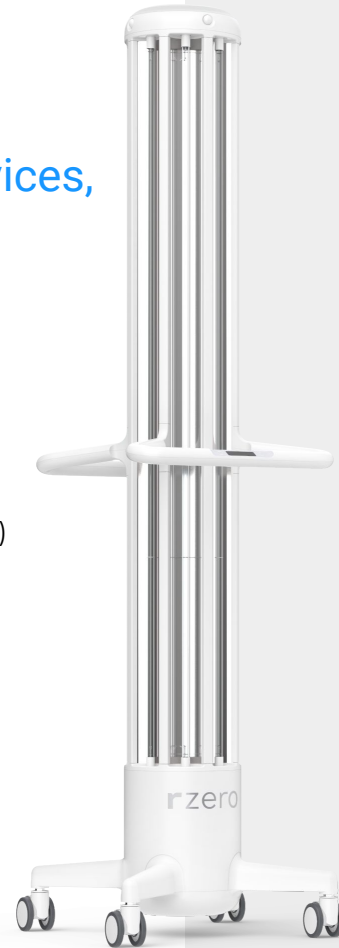
>99.99%
Escherichia Coli (E. Coli)



>99.99%
Human Coronavirus



>99.99%
Feline Calicivirus



Smart disinfection technologies like Arc will be the future of how we ensure safety across indoor spaces.



Efficacy



Sustainability



Visibility and Data Driven Insights



Cost Savings



Easy, Actionable Protocols

Integrates **seamlessly** into **custodial workflows**.

Arc's 4-button system is easy to use and R-Zero supports your staff with in-person training.



Easy to move

It's lightweight, nimble, and has a low center of gravity, so it's easy to move from one room to the next.



Easy to use

Starts with the push of a button



Highly efficient

With less than two minutes of touch time required per cycle, staff can work in one room while Arc is cleaning another.



Makes invisible visible

With built in connectivity, facility managers can check usage and manage devices from anywhere.

Software & Analytics Make the Invisible Disinfection Process, Visible

The R-Zero Cloud enables users to check usage and manage devices anytime and anywhere, creating an audit trail of disinfection activities



Compliance

Enable managers to check if the UV-C device is being run at the correct frequency.



Mobile App

Collect location-based usage data and provide reminders and checklists.



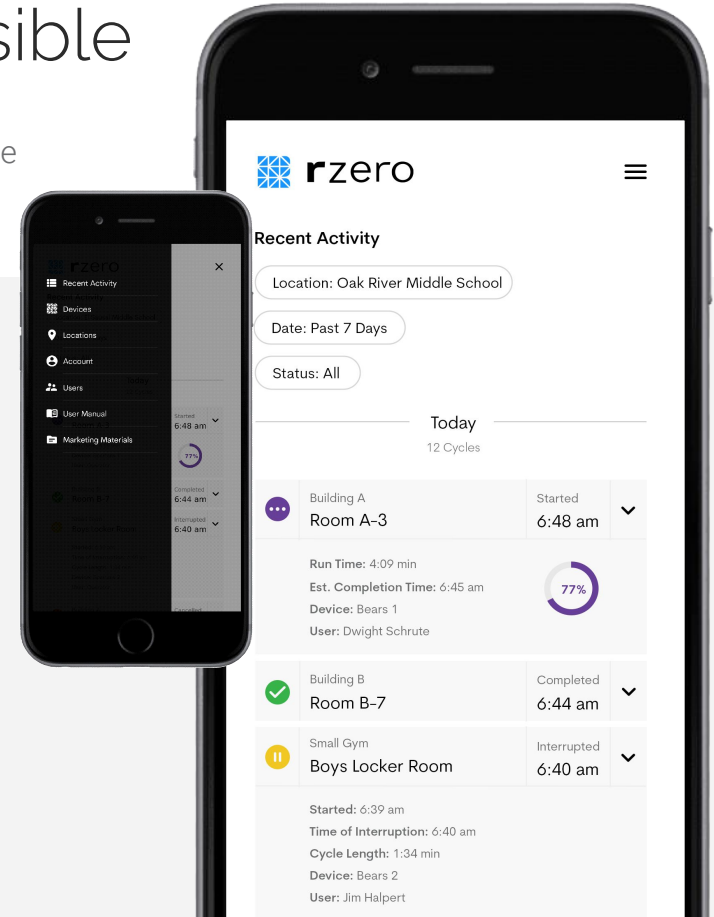
Community

Reassure community that the best cleaning solutions are implemented consistently.



Maintenance

Provide bulb cycle count and hour count, as well as bulb replacement notifications.



Safer and Higher ROI than Alternatives



Safer and less expensive than **spraying**.

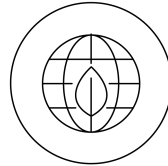
ARC vs SPRAYERS

Health Benefits

- No harmful chemicals / No aerosolized bleach that causes asthma / No diluted pesticides / No irritating vapors - eyes, nose, throat, lungs, skin -
- Enter the room immediately after the cycle (vs up to 3 hour wait before it's safe to enter again)
- Safe to use around food, toys and shared objects and equipment like musical instruments and computers

Cost Effective

- No chemical refills nor PPE required for operators
- ~30% labor savings (1 min touchtime for Arc vs > 10 mins for spraying the room)
- Savings from reduced sick days (staff and students)



A better way to disinfect than **chemicals**.

ARC vs SCHOOL CHEMICAL WIPE DOWNS

Health Benefits

- No poor indoor air quality due to chemicals that may cause cancer, reproductive disorders, and respiratory ailments
- Higher efficacy: manual wipes misses up to 50% of surfaces even in hospital audit environment
- Effective against airborne pathogens (e.g. coronavirus)

Cost Effective

- No variable chemical costs
- Labor savings (1 min touchtime for Arc vs > 15 mins for spraying the room)
- Software to measure compliance (vs manual wiping)
- Savings from reduced sick days (staff and students)

Select R-Zero Customers

MEDICAL



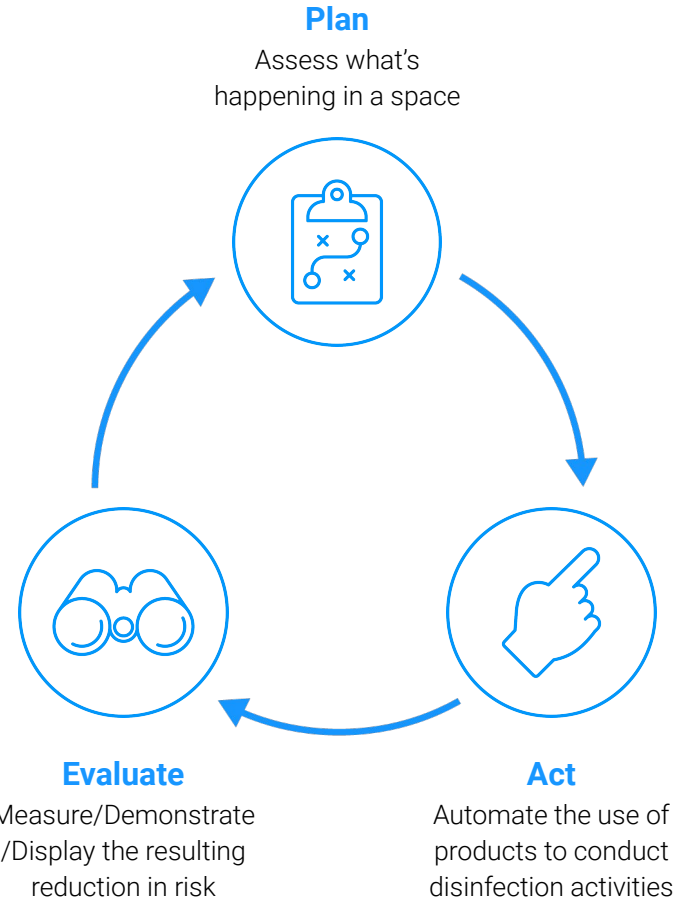
EDUCATION



GOVERNMENT



The world today needs a closed-loop disinfection system, that provides data



rzero

is at the forefront of UV-C
innovation to sustainably
reduce risk and lower sick
days for students and staff

rzero.com/education | mattm@rzerosystems.com



Questions?

The screenshot displays a software interface with a menu bar at the top containing 'File', 'View', and 'Help'. Below the menu bar is a 'Questions' window, which is highlighted with a red border. This window contains a text input field with the placeholder text '[Enter a question for staff]' and a 'Send' button. Above the 'Questions' window is an 'Audio' settings panel. The 'Audio' panel includes a 'Sound Check' indicator, radio buttons for 'Computer audio' (selected) and 'Phone call', a 'MUTED' status indicator, a dropdown menu for 'Transmit (Plantronics Savi 7xx-M)', a volume slider, and another dropdown menu for 'Receive (Plantronics Savi 7xx-M)'. Below the 'Questions' window, the text 'Talking: Liz Davis' is visible. At the bottom of the interface, the text 'Webinar Housekeeping' and 'Webinar ID: 608-865-371' is displayed, along with the 'GoToWebinar' logo.

Thank you



California School Boards Association

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