

Covid-19: enhance protection for your workforce and customers

- Innovative electrostatic disinfection system effective against Covid-19
- Fight the fear of infection: protect wellbeing as well as physical safety



Case study: Covid-19 Decontamination

Client: London Stansted Airport | **Sector:** Airports | **Location:** Stansted, Essex

The Challenge

In March 2020, London Stansted Airport found itself on the front line of the response to the Covid-19 (coronavirus) in the UK. The airport needed to take urgent measures to protect the travelling public at a time when information about the virus was still limited.

Taking measures to decontaminate of both public and back office areas was identified as a priority. Nick Henderson, The airport's head of business continuity and resilience contacted SafeGroup and asked two questions:

Do you have the capability to do this? Do you have the capacity to do this?

The answer to both these questions was yes.

The Solution

Electrostatic decontamination

SafeGroup has invested in new electrostatic technology that enhances the delivery of an ultra-high-level broad spectrum disinfectant spray.

The chemical is electrically charged as it is delivered through a 40-micron spray head. It is also formulated to react to the electrostatic charge.

The combination of these two attributes ensure the millions of tiny chemical droplets wrap around and completely coat any surface, hard or soft. The electrostatic action helps increase the period during which the agent protects against recontamination.



Highly effective against Covid-19

The chemical has been proven to have high efficacy against viruses (including coronaviruses), **bacteria** (including mycobacteria and bacterial spores) and **fungi** (mould).

Implementation

Following a site visit, SafeGroup offered a range of decontamination approaches to counter the Covid-19 risk.

They included:

- Targeted spraying of high-risk touch points.
- Reactive decontamination of high-risk areas, including the airport's medical centre and isolation pod.
- Continuous spraying of high-risk surfaces in passenger and staff areas.

Given the health, wellbeing and business risks associated with Covid-19, London Stansted Airport commissioned SafeGroup to carry out an intensive combination of all these interventions.

SafeGroup prepared a bespoke risk assessment and method statement (RAMS) for the work. Decontamination was carried out by two teams of four decontamination operatives, working two 8-hour shifts, from early in the morning to late at night.

These teams wore standard PPE with masks. The aim was to provide an effective decontamination service and visible reassurance to travellers. For decontaminating high-risk areas, such as the medical isolation pod, full hazmat PPE protection has been worn, including a respirator.



Gunning for Covid-19: more effective, sustainable, dependable and persistent than conventional disinfection methodologies.

Results

- SafeGroup had Covid-19 decontamination teams operational within 48 hours of being commissioned to deliver the service.
- The airport senior management team has been highly impressed with the decontamination work carried out.
- Passengers have been reassured that action is being taken to protect them against Covid-19.
- Staff have confidence in senior management action – and can share that confidence with customers.

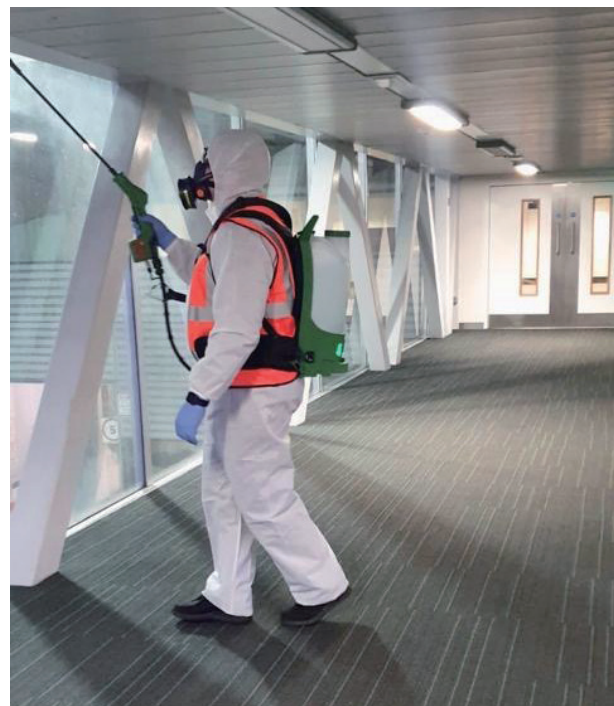
Client benefits

- Fast and effective response to Covid-19 from a UK leader in specialist cleaning and decontamination.
- Application of innovative anti-Covid-19 electrostatic disinfectant spray technology, not available from other cleaning specialists.

Protect wellbeing and reputation

Employers are recognising their duty of care in safeguarding the wellbeing and mental health of employees during the Covid-19 pandemic. They can demonstrate to customers and regulators that they have taken effective measures to mitigate the psychological health risks of Covid-19.

Deploying SafeGroup's Covid-19 decontamination technology will help reduce the risk of anxiety, especially in workplaces where staff are being asked to stay at their posts to provide essential services.



The SafeGroup team mobilised very quickly and has been doing an excellent job for us. We needed to respond quickly to reassure passengers and staff that decisive action was being taken on their behalf. SafeGroup's decontamination service has been an important component of our strategy.

Nick Henderson

Head of Business Continuity and Resilience Stansted Airport



Where it makes a difference

- ▶ Food retailers
- ▶ Care homes
- ▶ Health facilities
- ▶ Public transport
- ▶ Call centres
- ▶ Factories
- ▶ Data centres

How it makes a difference

- ▶ Emergency decontamination
- ▶ Ongoing Covid-19 suppression
- ▶ Protecting skeleton teams
- ▶ Reopening closed buildings
- ▶ Safeguarding high-risk groups
- ▶ Supporting deep clean programmes
- ▶ Providing staff/customer assurance

Talk to us about Covid-19 decontamination

Our industry-leading Covid-19 spray technology will help you protect your staff and customers and deliver your services safely.

Contact us: backtobusiness@thesafegroup.co.uk

Electrostatic disinfection from SafeGroup

What is it?

The system electrostatically charges a powerful anti-Covid-19 chemical, making it coat surfaces more effectively and remain active for longer.

The technology is a new protocol in disinfection that is revolutionary, persistent and effective. It is also safer and more sustainable than conventional cleaning methodologies when disinfecting all environments.

All sprays are designed to create a hostile environment for all pathogens, greatly reducing recontamination. All spray products are natural and biodegradable so are safe for use in all environments.

Conventional cleaning & decontamination



Hazards chemicals.

In many cases, these chemicals are not effective because they are immediately wiped off surfaces as part of the application process.



Multiple products and methodologies

All dependent on the knowhow, skill and diligence of the operative.



Time consuming

1 litre covers 36m² in 11 mins 41 seconds.



Ineffective

So may allow bio-burden to increase over time.

SafeGroup electrostatic cleaning & decontamination

No chlorine, bleach, alcohol, solvents, flammable or corrosive liquids, or odours.

Instead, hydroxyl free radicals attack viruses, bacteria, and fungi by:



- Attacking membrane lipids
- Breaking apart nucleic acids
- Denaturing proteins
- Disrupting cell walls
- Oxidation of cell bonds



One delivery system

Easier to apply, delivering an ionised 40 micron layer of disinfectant that fully and evenly coats all surfaces.



Fast

1 litre covers 150m² in 10 mins 20 seconds. Electrostatic spray uses **65% less chemical product.**



Persistent and eco-friendly

The electrostatic spray repels pathogens, providing longer lasting protection, and is naturally non-toxic.



Same day reactive services

- ▶ Flood clean up
- ▶ Sewage clean up
- ▶ Fire and smoke clean up
- ▶ Bio-hazard clean up
- ▶ Needle sweeps
- ▶ Oil and fuel spill clean ups
- ▶ Vandalism clean up
- ▶ Trauma cleans
- ▶ Carpet deep cleaning
- ▶ Waste removal

Planned services

- ▶ Floor deep cleaning
- ▶ Anti-slip floor treatments
- ▶ High level cleaning
- ▶ Jet washing
- ▶ Chewing gum removal
- ▶ Bird fouling removal
- ▶ Kitchen deep cleaning
- ▶ Builders cleans
- ▶ Car park cleaning
- ▶ Cladding cleaning

Building services

- ▶ Building drying
- ▶ Odour removal
- ▶ Graffiti removal
- ▶ Floor slip testing
- ▶ Legionella risk assessments
- ▶ Water tank cleaning
- ▶ Gutter cleaning
- ▶ Brick cleaning
- ▶ Soda blasting
- ▶ Mould removal

Advanced Pest Solutions

- ▶ Pest prevention
- ▶ Habitat exclusion
 - Specialist rodent proofing (Superproofing)
- ▶ Specialist bird proofing
- ▶ Bird control - Falconry, marksmen
- ▶ Flying insects
 - Flies, midges, mosquitoes, moths, wasps
- ▶ Crawling insects
 - Ants, bed bugs, cockroaches, fleas, silverfish
- ▶ Larger animal proofing
 - Foxes, badgers, rabbits
- ▶ Planned and reactive services
- ▶ PPM contracts
- ▶ Species identification