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PROTECTING PUBLIC HEALTH AT PASSENGER CHECKPOINTS

WHILE ENHANCING SECURITY AND EFFICIENCY

REGAINING PASSENGER CONFIDENCE

In just a few short months, COVID-19 had a huge impact on the aviation industry. Regulators, airports, airlines as well as architects, designers and engineers will need to consider new dynamic strategies to both regain confidence of travelers, employees and other stakeholders while combatting a wider range of threats. Helping to manage risk through touch less interactions, infection mitigation, and crowd control technology will be instrumental to the industry's response to COVID-19.

In the current passenger journey, lines can form at security checkpoints during travel peak times, which involves close contact between passengers themselves as well as passengers and operators. With conventional checkpoint screening, passengers need to remove laptops and liquids to place them on separate tray, increasing the touch points with surfaces such as trays.

Maintaining social distancing will be a huge challenge for the aviation industry. Introducing heightened safety and additional hygiene measures to avoid congestion, reduce touch points will certainly boost passenger confidence and may turn out to be a competitive advantage for airports as travel restrictions are eased.

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IMPROVE THE FLOW, MINIMISE CONTACT AND MAINTAIN HYGIENE

An effective checkpoint screening is a complex process, as it needs to find the correct balance between security protocols and passenger experience.

With this pandemic, reducing touch points while delivering the best possible flow of bags and people makes it easier to avoid any bunching in the queue.

A coherent response will include preventative measures such as cleaning of equipment; minimizing contact between travelers and staff; and in the longer term the introduction of new technologies, such as risk based screening, to help reduce the risks further.

Some innovative solutions that can effectively support the protection of public health while enhancing security and efficiency are already available. As part of the AT/CT program, TSA will roll out 300 Smiths Detection CT checkpoint systems in over 100 US airports.

HOW CAN WE SUPPORT YOU?

Leader in screening technology for over 40 years, Smiths Detection is ready to partner with airports and provide its expertise to help restore passenger and employee confidence through the equipment we supply.

With our modelling tools, our team of experts can work with you to conduct a complete review of your screening operations and provide advice on effective measures and process changes respecting TSA requirements.

REMOTE SCREENING

CT SCANNER

AUTOMATED SCREENING LANE

SNEEZE GUARDS

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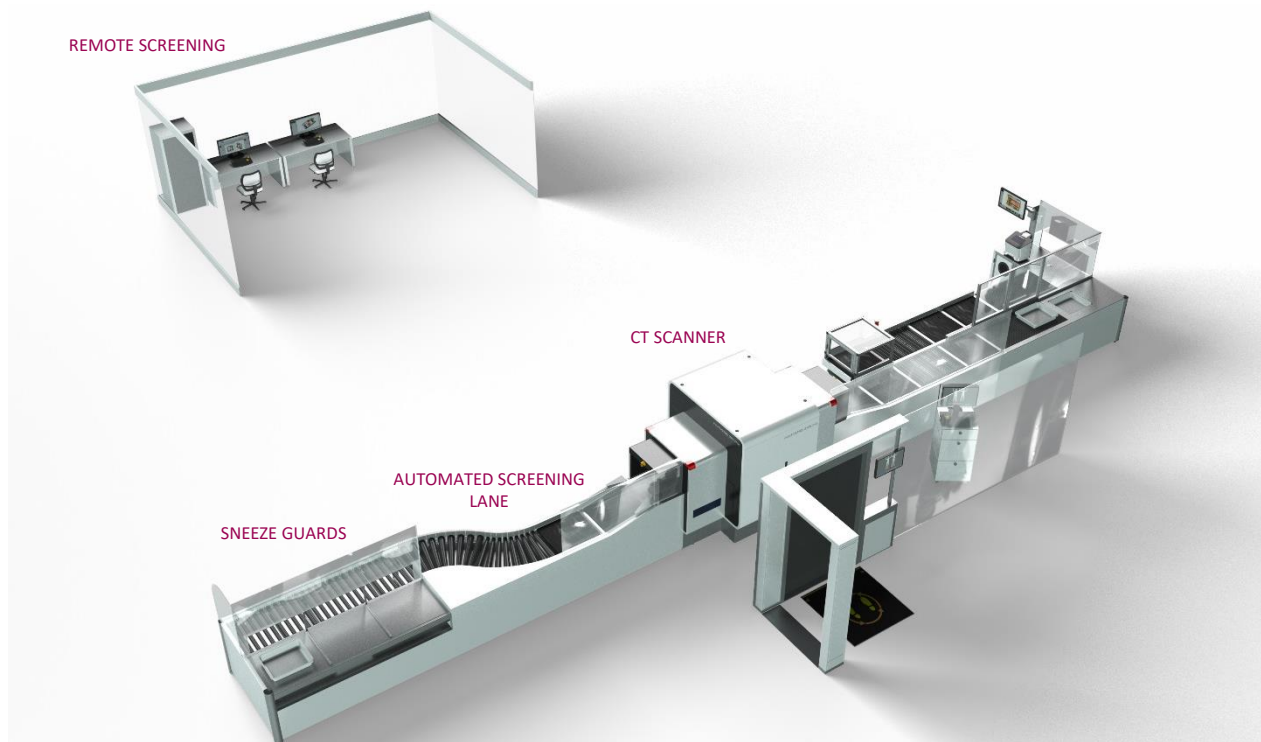
TRAY DISINFECTION

Short-wavelength UV light (UVC) has been successfully used for the disinfection of surfaces in industries with high hygiene requirements, such as the food and health sectors, for many years. We are using this proven technology in our UVC light tray disinfection kit, which can be retrofitted into Smiths Detection and third-party tray handling systems.

SNEEZE GUARDS

"Sneeze guards" are an easy way of protecting staff and passengers from the risk of airborne disease transmission. Acrylic or glass shielding can be mounted in areas where passengers and staff are in close proximity, such as bag recheck, without losing the human side of the interaction.

UVC light is capable of eliminating 99.9% of bacteria and viruses on trays

Reduce the number of trays handled as well as the rechecks required with CT technology

PASSENGER BAGGAGE SCREENING

Smiths Detection's HI-SCAN 6040 CTiX checkpoint CT scanner provides the highest level of security and the opportunity for liquids and laptops to be left in bags for screening. This can massively cut down the number of trays handled by both staff and passengers, and thanks to its industry leading low false alarm rate, requires far fewer rechecks by operators.

 Sole source award for the AT CT program, it is a best in class CT solution that can easily be integrated into the checkpoint.

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LANE DESIGN

The latest automated checkpoint lanes from Smiths Detection help speed-up the flow of people and bags through the checkpoint. Key features such as parallel divest; automatic diversion; and tray return, together deliver improvements in productivity; throughput; operational costs and passenger experience. They also reduce the frequency of manually handling trays and help keep a safe distance between passengers by avoiding queues.

REMOTE SCREENING

Deploying image analysts in a remote location away from the checkpoint has been proven to offer many operational and security benefits and, in this case, would allow for fewer points of human contact, making the process safer for both staff and passengers while ensuring business continuity.

MULTIPLEXING

When multiplexing images airports can flexibly adapt their staffing levels to demands as travel starts to pick up again. Operator utilization and productivity can be increased and labor cost (per passenger) is consequently reduced.

Protect staff and passengers alike by deploying analysts in a remote location. Flex your staffing levels with multiplexing.

Want to find out more?

Get in touch today to discuss how we can support you. Email us at usa@smiths-detection.com or visit our resource centre on protecting public health at the security checkpoint at smithsdetection.com.

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