TAKING CHECKPOINT SECURITY TO THE NEXT LEVEL

PRODUCT HIGHLIGHT / Explosive detection systems for cabin baggage (EDS CB)

Automatic detection of explosives in cabin baggage – A full range of EDS CB C1, C2 and C3 approved checkpoint screening solutions.

KEY BENEFITS

- Increased security
- Optimised checkpoint performance
- Improved passenger experience
- Reduction of touchpoints and risk of disease transmission
- Protection of investment in existing hardware
- Choice of routes to compliance

CUSTOMISING COMPLIANCE

The range of Explosives Detection Standards for Cabin Baggage EDS CB C1, C2 and C3 offers airports the flexibility to choose routes to compliance for differing requirements.

When deciding which standard is most appropriate, an airport should consider a variety of factors such as current and predicted passenger traffic, traveller profiles and passenger experience.

The COVID-19 pandemic has brought about its own set of challenges making operational efficiency more important than ever and requiring the screening process be as contactless as possible to avoid disease transmission.

EDS CB C3 - NEXT LEVEL SECURITY SCREENING

Computed Tomography (CT) at the passenger checkpoint is the only technology to gain EDS CB C3 approval. Smiths Detection's cabin baggage CT scanner HI-SCAN 6040 CTiX was developed to deliver the high levels of security demanded by the new regulations, while optimizing checkpoint performance through improved productivity, a better passenger experience and lower operational costs.

In addition to EDS CB C3 approval, it has also gained CPSS certification from the TSA.The scanner addresses a key issue at the checkpoint by eliminating the need to remove electronic devices and liquids from hand luggage (subject to local authority guidelines).

This expedites screening and makes the process more passenger friendly. Simply handling fewer trays can significantly increase checkpoint throughput, while the impressive 0.2m/s belt speed and the industry leading low false alarm rate also speed up the process.

smiths detection

All these improvements support the reduction of touchpoints and bottlenecks, making the screening process less intrusive and seeing passengers spend less time waiting in security lines. This is crucial for minimising both the risk of disease transmission to regain passenger confidence in the COVID-19 era and operational expenditure to enable business recovery.

HI-SCAN 6040 CTiX is easily incorporated into existing checkpoints and integration into an advanced screening and management platform such as Checkpoint.Evo^{plus} streamlines operations even further through remote screening, multiplexing, directed search and data insights for resource planning.

FOCUSING ON AUTOMATIC DETECTION - EDS CB C1/C2

EDS CB C1 eliminates the need for random searches using additional explosive trace detectors or dogs.

EDS CB C2 approval allows electronic devices to remain in cabin baggage during scanning. This offers airports the opportunity to improve the passenger experience whilst increasing the level of security and reducing the number of trays that need to be handled by staff and travellers. In combination with on-screen-resolution (if permitted by local regulations) it will not only improve the operational efficiency, but also eliminate unnecessary touchpoints with surfaces, such as trays or personal belongings, and people at recheck.

Having achieved the first ever EDS CB C1 approval, the HI-SCAN 6040aTiX went on to comply with C2 regulations. Also given both EDS CB C1 and C2 approval, the very versatile HI-SCAN 7555aTiX cannot only screen hand luggage but also hold baggage, parcels and small air cargo.

In addition, the HI-SCAN 6040-2is has been approved for EDS CB C1.

PROTECTING YOUR INVESTMENT

The Smiths Detection software which brings new systems up to the latest regulations can also upgrade previously installed HI-SCAN 6040aTiX, HI-SCAN 7555aTiX and HI-SCAN 6040-2is scanners to EDS CB C1 and C2 standards. This protects investment in existing hardware and makes compliance a simple and cost effective, on-site process.

The software packages also include ECAC approved LEDS Type C Standard 2 or 3 algorithms. There are two options: a Combi algorithm switching automatically between liquid (LEDS) and baggage (EDS-CB) depending on tray content; or LEDS only for trays carrying liquids.

EDS CB C1

HI-SCAN 6040-2is
HI-SCAN 6040aTiX
HI-SCAN 7555aTiX

EDS CB C2

HI-SCAN 6040 CTiX
HI-SCAN 6040aTiX
HI-SCAN 7555aTiX

EDS CB C3

HI-SCAN 6040 CTiX

GET IN TOUCH

If you would like to know more about explosive detection systems for cabin baggage screening and how we help make the world a safer place, you can get in touch at;

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