

I-Check eco system

Taking digital aviation security to a new level

To support the high risk flight security operation, I-SEC has used and created a variety of devices and platforms since the 1990's, slowly gaining first hand experience and improving continuously. Starting with the use of handheld PDA's, I-SEC innovated over the following decade and introduced the I-box to all its high risk flight security operations. The I-box featured full page passport scanners and intelligent software developed by I-SEC.

In 2017 we were ready to take a completely new perspective on the concept of digital aviation security and used the opportunity to take it to a totally new level. A level at which we successfully meet the latest aviation and airport demands, needs and expectations and in some cases, even stay ahead of them.

How do you get the right information at the right time? In a high risk flight security environment information is vital. Just knowing that you are still expecting passengers from a late incoming flight to your security check (how many and at what time?) can make a huge difference in your day to day operation. How can you be sure not to overload the security agents with too much information? How can we get rid of the use of security stickers? All examples of challenges we encountered in our day to day operation and which we solved one by one.

The I-Check infrastructure

We solved a part of the challenges by creating a secure information service spanning the entire airport that is continuously connected to all of our devices. We made sure that it was adaptable, scalable and connected to any of the sources required. We paid a lot of extra attention into creating a secure infrastructure using the latest encryption methods and made sure that sensitive data is properly stored to meet the strict demands of European and international data legislation.

Currently the I-Check infrastructure connects to:

- The I-SEC NAPS PNR processing system
- DocCheck processing
- Airport information systems

More systems can be easily integrated upon demand.

I-Check devices and apps

To solve other challenges, and meet the large variety of requirements that exist in an airport environment, we created a series of devices and applications. Each device has its own unique abilities. At the same time we made sure that none of the I-Check devices stores any data locally, thus securing sensitive and security information.

I-Check document scan stand and I-Check tablet app

The I-Check document scan stand, together with the I-Check tablet app, turns a tablet into an extremely fast and accurate passport and barcode scanner. Once the I-Check tablet app is connected to the I-Check infrastructure, a wide variety of functionalities becomes available guiding the security agent and supervisors intuitively through its features and functionality.

I-Check phone app

We developed the I-Check phone app that enables all of the I-Check infrastructure features and functionalities to be available when mobility is paramount. You can now scan passports and boarding cards directly, using a smartphone and have immediate access to the complete set of services and information the I-Check platform offers. Use the I-Check phone app to quickly check whether or not a passenger has already been screened somewhere else at the airport and determine if the passenger still needs your attention.

I-Check kiosk

A number of years ago we realized there was a need for a new kind of security device that could integrate with the most modern biometric airport flow systems while giving certain selected passengers the ability to use a self service kiosk, even in a high risk flight environment. Thereafter, we created the I-Check kiosk. An innovative device that combines award winning biometric facial recognition, a fixed passport and barcode scanner, the I-Check infrastructure and an extremely intuitive

application which guides passengers through the security process. The whole process is supervised remotely by security agents using tablets which run the I-Check kiosk supervision app. Using this app the agent can supervise up to four I-Check kiosks simultaneously and instantly track or even stop the process of a passenger using the I-Check kiosk.

I-Check services include:

- NAPS (PNR processing)
- DocCheck (Visa requirement check)
- Passport and boarding pass scanning
- Facial recognition
- Airport information

For additional information, please contact assales@i-sec.com or visit as.i-sec.com

I-Check Eco Cloud

