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The Australian Department of Home Affairs has begun installing IDEMIA's end-to-end border control technology in eight international airports. In 2019, IDEMIA won the Phase One contract to upgrade the airports' old arrivals systems with its self-service biometric kiosk solution "Gen3 Kiosk". The kiosk went through rigorous system and user experience testing by the Ministry of Home Affairs and the Australian Border Force, as well as passengers in real-life situations. Once it had passed all government deployment tests, it was deployed at Darwin, Adelaide, Brisbane, Cairns, Coolangatta, Melbourne, Perth, and Sydney airports. Installation of 109 Gen3 Kiosks marked the completion of phase one in late 2021. Phase Two of the contract involves the delivery of eGates incorporating advanced biometric functionalities and capabilities: travellers complete an initial 1:1 verification against their passport at the Gen3 Kiosk, enabling a match when they present themselves at the eGate. With this solution there is no need for a token, as the traveller's face is used as proof of their identity, ensuring a smooth and stress-free travel experience, according to IDEMIA.

Philadelphia International Airport (PHL) in the US has implemented facial biometric technology across its 25 boarding gates in Terminals A-East and A-West.
This is to support the US Customs and Border Protection (CBP) process for international departures.
The facial biometric technology has been designed to validate passengers' identities by comparing their live photo with the images submitted by the passengers to the government. These include passport and visa photos.
The facial biometric technology utilises SITA's Smart Path solution, which is powered by the NEC I: Delight digital identity management platform.
Travellers at PHL's A-East and A-West step up to a camera at the boarding gate to verify their identity, and once verified, the passenger will be able to board the aircraft without having to present a passport or boarding pass.
Passengers who do not plan to take part in the facial biometric boarding process will have to notify a CBP Officer or an airline or airport representative.

Cancun International Airport is the first in Mexico to accept electronic passports with the implementation of 14 automatic migratory filters in terminal 3 of the busy air terminal.
With this historic measure, it is hoped that the flow of domestic, U.S. and Canadian visitors will be as fast as possible to avoid crowds, especially this holiday season when this city in the Mexican Caribbean receives thousands of tourists. Cancun International Airport is a pioneer in Mexico in accepting passports in digital format, which makes the user experience more comfortable by avoiding long queues at this busy terminal that receives the entry of lots of visitors. With this implementation, travellers can access it in approximately 30 seconds, which is a record in the country.
On the other hand, the National Institute of Migration of Mexico established a pilot scheme at the Cancun International Airport to speed up the entry of international tourists to Quintana Roo, the state to which

Cancun belongs, in less than half an hour. With this implementation, the authorities hope to speed up the entry of tourists by 50 percent.

The team responsible for building the new terminal in Kansas City (Missouri) said testing on the new baggage handling system is complete. The system is designed to handle nearly 3,000 bags an hour for travelers leaving Kansas City. The system is made up of 2.5 miles of conveyor to move luggage and bags through more than 11,000 connections. There are also six screen machines involved to make sure everyone on board each plane is as safe as possible.
Build KCI said the entire system has undergone hundreds of hours of testing since it was installed. The system passed all testing, and did it ahead of schedule, according to Build KCI.
It is also something that will be tested during a simulation at the new terminal in February.
A spokesperson for the airport said more than 12,000 people signed up to be a part of the simulation that will test all aspects of the terminal before it opens to the public. Kansas City's Aviation Department confirms builders are under contract to complete the new terminal by March 3, 2023. The department says it hopes to announce the day the terminal will open in January.

Bristol Airport has added a brand-new fire engine to its fleet of fire vehicles, becoming the first UK airport to take delivery of the third generation Oshkosh Striker 3.0. ARFF vehicle.
Bristol Airport's fire team are currently completing an intensive training course on the new vehicle. The Oshkosh Striker ARFF is a 39-tonne fire vehicle and has the capabilities of carrying a four-person crew, has a 700BHP engine and a top speed of 72 miles per hour. The vehicle carries 12,000 litres of water, 1,700 litres of foam and a 7500 litre per minute water pump.

The Transportation Security Administration will install new, state-of-the-art scanners at the security checkpoint at Rhode Island T.F. Green International Airport beginning on 9 January
The new security scanners use computed tomography technology. The equipment shoots hundreds of images with an X-ray camera that spins around the conveyor belt to provide officers with a 3D picture of a carry-on bag.
Once the installation is complete, travelers will experience fewer manual bag checks and will no longer be required to remove electronics and other items from carry-on baggage. Installation is scheduled to be completed by mid-February.

Tallinn Airport has introduced three electric vehicles for aircraft servicing in order to reduce emissions as part of the airport's sustainability goals and aim to be carbon neutral by 2030.
Three electric cars for employees who perform the tasks required for aircraft servicing, have arrived at Tallinn Airport. The introduction of electric cars is an important step in reducing the carbon footprint of both the company and the group as a whole.
The new electric cars will replace the small cars, which consume around 2,500 litres of fuel per car per year. The introduction of electric cars will reduce annual emissions into the air by more than 17,000 kg, which will also have a clear economic effect.
Tallinn Airport aims to be a carbon neutral airport by 2030.

Publisher's note: The articles in this special report, compiled for **inter airport Europe**, are samples from the biweekly **Momberger Airport Information** newsletter, published since 1973. The newsletter is an advertising-free, global airport news service that consists of 8 modules and allows subscribers to customize their own newsletter package. The items in this report represent only a small sample of **Momberger Airport Information**. The modules that make up the biweekly newsletter are Airport Development (DEV), Calendar of Events (CAL), and the subscriber-selectable modules Airport Operations (OPS), Ground Support Equipment (GSE), Air Traffic Services (ATC), Consultant & Contractor / Sustainable Aviation (CON), Airport Information Technology (AIT), and Maintenance Base & FBO (MRO). For more information and to order an annual subscription, please visit www.mombergerairport.info