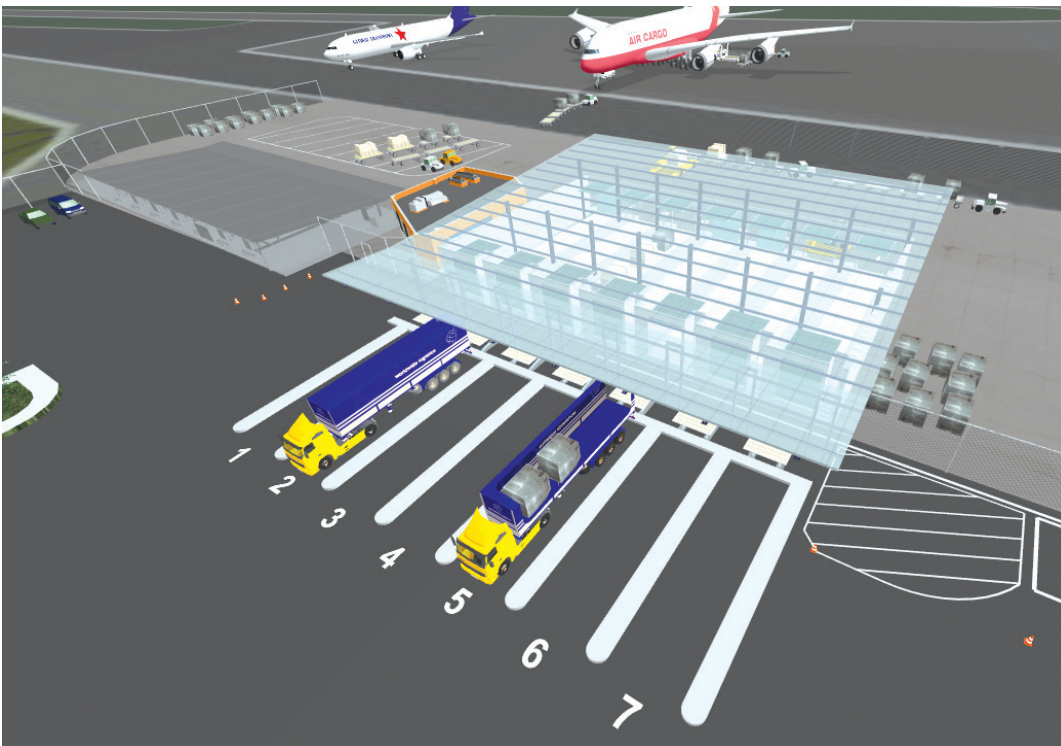


On the Safe Side – SAATS-FRA

Secure Advanced Aircargo Transfer System

Secure Transfer Processes for Cargo/Airmail into the Critical Part

Innovations Made by Fraport
Security
Patent Pending



Up to now it was standard practice at airports to transfer air cargo (containers and pallets) from landside to the critical part with freight trains. For this the towing vehicles, drivers and dollies had to pass through a security gate during each transport process where they were identified and checked individually.

The new SAATS (Secure Advanced Aircargo Transfer System) developed by FRA enables mechanized transfer of ULD (United Load Devices) from the landside into the critical part of the airport. The new system combines existing and proven airport technology connected to moving devices / taxiways

with security components such as X-ray equipment, measuring stations for emissions, thermal cameras, measuring equipment for contours and automatic identification processes (barcodes or RFID).

The system offers benefits in regard to security and operations: checking cargo is almost completely done automatically and can always be adapted to state-of-the-art. Furthermore, vehicles and personnel must only be checked once upon entering the critical part (usually upon the start of work) because they usually remain in the critical part the entire time.

Technology

- the new system combines the implemented, inexpensive, low-maintenance taxiway technology with all supplemental technical components required for flawless transfer processes
- the new system can incorporate all current and future required or desired security and identification components
- the management operates the system with help of adapted software for the specific work procedures and security requirements

Benefits

- increased transfer capacity compared to conventional security checkpoints (passageways)
- enhanced security check with less personnel
- shorter loading times with subsequent cost savings
- possibility to always expand the system and, consequently, safe for the future

Applications

- the system is generally suited for all airports which can handle air cargo in containers and on pallets
- the system can be installed as central facility or as individual solution for one or more companies offering cargo services

*Fraport AG
Frankfurt Airport
Services Worldwide*

*Contact:
Bernhard Leßmann
Tel.: +49 (0) 69 690-71074*

*E-Mail: b.lesmann@fraport.de
www.fraport.com*

October 2007