

Air security with software modules of in-innovative navigation at Airport Inverness , Scotland

Kornwestheim, July 2007 – Software modules of in-innovative navigation GmbH provide 5 day radar cover at Scotland's Inverness airport, raising service levels to passengers and airlines.



Figure 1: Airport Inverness

Barco GmbH provided a tracking and Air Traffic Control (ATC) display system for the airport of Inverness (UK). The system provides five day radar cover for Inverness Airport using the radar heads at Royal Air Force Kinloss and Royal Air Force Lossiemouth. In the first phase of the Inverness Airport radar project, data from these radar heads is fed into the new radar control room at Inverness Airport's air traffic control tower staffed by Highlands and Islands Airports Limited (HIAL) own radar controllers.

The radar tracking component is based on the software module MultiSensorTracker of in-innovative navigation GmbH. It fuses the data of a primary radar scanner and a secondary radar scanner located at two air bases near Inverness.

Furthermore, in-innovative navigation delivered the target extraction for the primary radar system as well as a recording & replay system for the primary radar data. The system is operational since spring 2007.



Figure 2: ATC centre of Inverness

Project summary

Time frame	October 2006 – March 2007
Customer	Barco GmbH
Scope of delivery	Complete radar video network, radar recording & playback, and radar tracking for primary radar. MultiSensorTracker for primary and secondary radar