

## **SatAuth: 2000**

### **Satellite Authorisation Systems**

In 2000 Threshold was involved in installing a duty-free warehouse system in Kuwait. Communications in the location that the system was being installed in were problematic so we built an antenna allowing us to communicate with the cell network from 3 stories underground. The system worked and a decision was taken to broaden the usage to include a unique communications bridge from an aircraft flying at 40 000 feet and the ground. The satellite constellation of choice was Iridium as it provided worldwide coverage. Once the initial antenna was designed and built (later patented) we started the long and arduous process of understanding the certifications criteria to install OEM equipment onboard aircraft.

A decision was taken to move this project to its own legal entity and in 2006 the new company was registered. A team in the UK was appointed to continue the software development and new hardware requirement thus allowing the creation of the SatAuth SASHGA-01 Global Communications Platform.

This project is ongoing. **2018**