

"We were looking for a robust system that was user friendly, met all of our unique aviation security requirements and could withstand the harsh climate of the Northern Territory."

Nikkie Harley
Systems Coordinator, DIA

Darwin International Airport

CYBER SPACE



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Independent Locksmiths and Security Secures Darwin International Airport



“To meet the needs of Darwin International Airport, Independent Locksmiths and Security installed a new Cyberlock access control security system and a Morse KeyWatcher key cabinet.”

DARWIN International Airport (DIA) is NT’s largest airport and the 10th busiest airport in Australia, serving in excess of 2 million passengers every year. Importantly from a security point of view, the airport shares runways with the Royal Australian Air Force’s RAAF Base Darwin. The airport terminal is utilised for both international and domestic flights, with separate cargo handling facilities. The site also supports a number of retail outlets and cafeterias. As with all airports, the airfield site covers a considerable area and many of the sites can be remote. Overcoming the challenges of distance was a key aspect of this access control installation.

Independent Locksmiths & Security was tasked to prove this concept would work. After bench testing the concept Independent sent a key authoriser and key to DIA that communicated with the company’s server in Sydney in real time. Once this part of the puzzle was confirmed, DIA accepted the concept and had the solar units built and erected, ready for fit off when the installation team arrived.

According to Independent’s Ryan McGovern, the nucleus of the Cyberlock system is the Enterprise server where traditional access control rights are determined such as Door Lists, People lists, Time Schedules, Access Matrix and Location Graphics. “The database is installed on an HP server using a Linux operating system,” McGovern explains. “The information from the database is transmitted to the key update authorisers using TCP/IP protocols. In the terminals this transmission is over Ethernet cabling but on the perimeter of the airport in remote locations where cabling could not be achieved, the 3G network has been used for the communication between the server and the key updating authorisers.”