

IED HELPS BRUNEI INTERNATIONAL AIRPORT CONTINUE IT'S EXPANSION AS A WORLD CLASS FACILITY

Since its inauguration in 1974, Brunei International Airport (BIA) has played an ever-increasing role in opening the oil rich Sultanate of Brunei to the world.

Located on the west coast of the giant island of Borneo, Brunei is determined to develop BIA into a leading regional air hub by providing the highest level of safety, security, and efficiency as part of its planned move towards global access.

As part of its plans to continuously improve and upgrade facilities and services at the airport in general and the passenger terminal in particular, BIA selected the Announcement Control System (ACS) from Innovative Electronic Designs, Inc.

Already in use at 150 airports worldwide, the ACS was judged by BIA to meet their current needs and provide them with an easy upgrade path to accommodate future plans.



THE SYSTEM

The System at BIA contains all the major hardware and software components of the IED Announcement Control System and provides the following functionality:

- Audio/page distribution, pre-recorded message storage, and message assembly are handled by IED's 500ACS Announcement Control System (ACS)[®]
- Power amplification is provided by IED's 6000 Series Power Amplifier System, which provides as many as 16 amplifier channels in seven inches of rack space and automatic changeover in the event of a failure.
- Future option of integration to the Flight Information Display System (FAS). For hearing impaired passengers, messages may optionally be displayed on Passenger Information Displays, which show word-for-word text of pre-recorded messages at the same time as the messages are played
- Noise levels are monitored by locally installed sensing microphones, then IED's 540 Series Ambient Analysis System raises or lowers the volume of announcements automatically and in real time
- System supervision and diagnostics is provided by IED's 596 Series Monitor/Test System, which continuously tests all points in the audio signal path, including microphone stations, page audio output, power amplifiers, and speaker circuits