

WASHINGTON DULLES INTERNATIONAL AIRPORT



Designed to expand as demand increases, the New Midfield Concourse B terminal facility currently includes 30 gates in what will eventually be a 55-gate concourse. Mobile lounge vehicles are used to transport passengers to and from the concourse from the Main Terminal. A series of sterile corridors and dedicated mobile lounge docks accommodate international passengers.

CFA has been retained to provide audio-visual communication (paging) system consultation, design, and on-site commissioning services for the project. CFA has also provided similar services for several other addition and expansion projects at the airport including expansion of Concourse B and a pedestrian walkback tunnel.

The Concourse B facility design includes a computer controlled paging system that uses user configurable software assignments to route announcements (live or prerecorded) to the various loudspeaker zones in the airport. Large multi-color LED signs and plasma monitors are used to visually display graphics as well as text for prerecorded and courtesy messages, synchronous with the corresponding audio announcements. Prerecorded announcements can also be heard and seen in multiple languages.



Client: Metropolitan Washington
Airport Authority;
Washington, D.C.

Facilities: Airport Expansion

Designer: Edouard G. Charland

Completed: 2006