

# Project Profile

IAH Oculus LED Display System  
Houston, TX



## System Features

When travelers step into Terminal E of Houston's George Bush Intercontinental Airport, they are greeted by Oculus, a breathtaking 220-foot immersive LED video wall.

- One-of-a-kind curved LED structure composed of over 2,000 custom-engineered modules, each individually aligned to create a seamless, sculptural digital surface.
- An immersive interactive display powered by real-time rendering servers and LiDAR Sensors transforms passenger movement into responsive visual experiences.
- High-performance playback and processing network delivers frame-perfect synchronization, ultra-smooth content transitions, and 24/7 reliability.
- Redundant data and power architecture with more than 400 certified network connections ensures continuous operation in a demanding airport environment.

## Participants

**Owner**  
Houston Airport System

**General Contractor**  
Hensel Phelps

**Consultant**  
Burns Engineering

**AV Contractor**  
Ford Audio-Video Systems

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