CASE STUDY

INTERNATIONAL DISPLAY SYSTEMS, INC.





Overview

In December 2015, International Display Systems, Inc. was selected by the Indianapolis Public Transportation Corporation (IPTC) and Weddle-Brothers Building Group (WBBG) to provide a Turn-Key ADA-Compliant Real-Time Passenger Information System (RTPIS) for the new Julia M. Carson Transit Center – IndyGo. The Transit Center became the new central transfer point for all IndyGo routes driving through downtown Indianapolis and serving Marion County.

In addition to the presentation of audio-visual bus information, service alerts, and messaging throughout the station and bus bays, the new Real Time Passenger Information System (RTPIS) also included GTFS Bus Schedule and Live Data Updates, an RFID Bug Tag Reader Interface for Automated Bus Arrival/Departure Updates, and a Fire Alarm Interface for automated Emergency Messaging.

Every world-class city that exists has a robust transit system, and for us, this is one of the first steps in that process of getting there.

> -JEROME HORNE, INDYGO'S COMMUNITY ENGAGEMENT COORDINATOR



Julia M. Carson Transit Center

19 DOUBLE-SIDED BUS BAY LED SIGNS

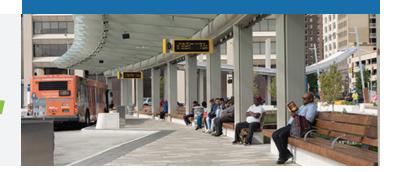
19

BUS BAY TEXT-TO-SPEECH AUDIO ANNUNCIATOR BOXES

4

INTERACTIVE BUS INFORMATION DISPLAY KIOSKS

BUS INFORMATION DISPLAYS WITH INTEGRATED SERVICE ALERTS, MAPS, & WAYFINDING





INTERNATIONAL DISPLAY SYSTEMS, INC.

CASE STUDY Julia M. Carson Transit Center



System Highlights:

- Real-Time Audio-Visual Bus Status Announcements & Service Alerts via Bus Bay LED Signs, Text-to-Speech Annunciators, and Interactive Wayfinding Kiosks
- GTFS Schedule & Live Data Interface for Automated Bus Departure Updates
- RFID Bus Tag Reader
 Interface for Automated Bus
 Departure Updates
- Fire Alarm System Interface for Automated Emergency Visual Messages
- API Webservices Interface for Consistent Bus Information both In-The-Station and Online.



Ideas

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tation." IDS brought our knowledge of integrated ADA-Compliant & Passenger Information Display Systems and helped IndyGO with their vision for the future, including the merging of GTFS Schedule and Live Data with RFID Bus Tag Readers, for synchronized accurate data at the station and online. Passengers can see and hear their next bus information in the station and at every bus bay. Further, IDS provided Interactive Touch Screens to further assist travelers with Bus Schedules, Maps, Routes, and Service Alerts. The end results: per-

Take just one look at the futuristic design of the Julia M. Carson

Transit Center and one understands the vision that the IPTC had

for Indianapolis. "We didn't build a new building and add a nice bus

stop," said Lauren Day, IndyGo's Communications Manager, "We built

a transit center for current riders, new riders and to signify where we

need to be as a city and where we want to go with public transpor-

Performance

formance and dependability.

"The signs here show you where to go. It is more efficient," <u>says</u> Christine Stacey, 50, bus rider.

Dependability

"It's nice to be able to sit here and know exactly when your bus will leave," <u>said</u> Jerry Stidham, 65, a Vietnam veteran on his way to the Roudebush VA Medical Center on West 10th Street.

IDSPIDS.COM | 937.293.3118 3131 S. DIXIE DR., DAYTON OHIO 45439