

SFO

San Francisco
International
Airport



Open Doors UAIA 2016

Data Services Enabling Accessibility

November 15, 2016



Principle: Universal Access

- Blind or Low Vision Passengers
- Deaf or Low Hearing
- Guests with Cognitive Disorders
- Mobility Challenges including the Elderly and Veterans



Goal: Consistent Experience Across Transportation Modes

- Airport to Airport
- Airport to Train to Ground Transportation



A Connected Value Chain

- Data Sharing Between Partners
 - Service Providers
 - Airports
 - Airlines
 - Mass Transit
 - Ground Transportation



Assisted Guidance Through Data Driven Technology

- Accurate Indoor Maps for Transportation Venues
- Location Based Services
- Accessible Routes from Pt A to Pt B
- Real-time Awareness of the Current Environment



How to Achieve?

- Establish National Standards
 - Common Semantic Data Model for Airports
 - Standard Airport Maps Based on the Semantic Model
 - Standard Data Interfaces to Exchange Real-time data

