Entering service in February 2003, the **BOMBARDIER® INNOVIA® APM 100** automated people mover system at San Francisco International Airport connects three terminals with the international terminal.

Known as SFO AirTrain, the two-line system also links the airport’s parking garages, rental car center and a Bay Area Rapid Transit station. With a fleet of 38 vehicles, the fully automated system operates on six miles of elevated guideway and stops at nine passenger stations along the route.

SFO AirTrain was the world’s first automated transit system to feature the state-of-the-art **BOMBARDIER® CITYFLO® 650** communications-based train control technology.
SAN FRANCISCO, USA

Project History
In service 2003

Major Subsystems
Train control CIFYLO 650 moving block
Power supply 600 Vac
Power collection Guideway-mounted power rail
Traction power substations 5
Communications Public address system, vehicle radio, CCTV, dynamic signs, phone system

System Description
System type INNOVIA APM 100
System operation Loop and pinched loop, driverless
System length 6 miles
Number of lines 2 (1 single-lane pinched loop, and 1 loop)
Vehicle fleet 38
Peak-hour capacity** 6,000 pphpd
Maximum grade 3.5%
Average line speed
• inner loop 15 mph
• outer loop 11 mph
Guideway length elevated 100%
Intermodal connections Bay Area Rapid Transit, rental car centre

Vehicle Data
Type of vehicle INNOVIA APM 100
Quantity ordered 38
Train consist 2-car and 3-car trains

Fixed Facilities
Maximum guideway height 70’
Switches 31 active
Number of stations 9
Average station spacing 1,584’
Platform length 120’
Station features Public address system, CCTV, automatic platform doors, station dynamic graphics
Maintenance building location Offline, north-east of West Field Road
Maintenance building size 100,000 ft²
Yard storage capacity 15 vehicles
Yard operation Semi and automatic

Services
Contract type Operations and maintenance

**Ultimate INNOVIA APM 100 capacity is dependent on train and system configuration.