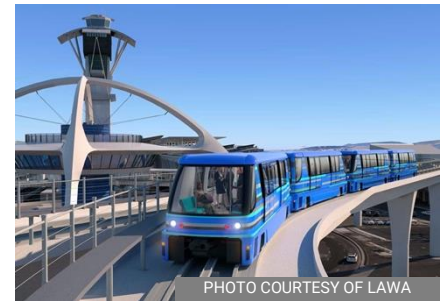


- Project:** LAX Automatic People Mover
- Agency:** Los Angeles International Airport
- Client:** LAX Integrated Express Solutions (LINXS)
- Soteria's Role:** System safety program plan design and construction, hazard analysis, certification, operational readiness, administration and management
- Completion:** Estimated 2023

## Project Overview

The Los Angeles International Airport (LAX) Automated People Mover (APM) is a major component of the Landside Access Modernization Program (LAMP). Under the LAMP, the APM will provide fast, free, and efficient transportation to and from the Central Terminal Area (CTA) for travelers, employees, and other users of LAX during all hours of the day and night. The project is intended to relieve congestion in the CTA and the surrounding streets, improve the travel experience, and provide a user-friendly connection to the LA Metro transit system.



The APM Project will provide an elevated guideway with an at-grade Maintenance and Storage Facility and six stations:

- Three stations in the Central Terminal Area (WCTA, CCTA, ECTA)
- Two stations outside of the airport (WITF and EITF)
- A third end-of-line station at the Consolidated Rent-A-Car Facility (ConRAC), designed and built by others

## Soteria's Contribution to This Project

In the role of subcontractor to LAX Integrated Express Solutions (LINXS), a consortium of seven contractors that will design, construct, operate, and maintain the APM, Soteria will perform the following tasks:

### System Safety Program Plan

- System Safety Program Plan (SSPP) Design/Construction – Final
- System Safety Program Plan (SSPP) Design/Construction – Updates
- System Safety Program Plan (SSPP) O&M – Final

### Hazard Analysis

- APM System Safety Coordinator – Administration and Management responsibility, including coordination with Soteria staff, LINXS design, construction, and management team, LAWAA, and other stakeholders
- APM Operating System Safety Critical Software Verification and Validation Plan – Preliminary
- APM Operating System Safety Critical Software Verification and Validation Plan – Final
- APM Operating System Preliminary Hazards Analysis (PHA)
- APM Operating System Hazards Analysis – Final (SHA)

- APM Operating System Hazards Analysis – Updates (SHA)
- APM Operating System Subsystem Hazards Analysis (SSHA) – Final
- APM Operating System Subsystem Hazards Analysis (SSHA) – Updates
- APM Operating System Operating and Support Hazards Analysis (O&SHA) – Preliminary
- APM Operating System Operating and Support Hazards Analysis (O&SHA) – Final
- APM Operating System Operating and Support Hazards Analysis (O&SHA) – Updates
- APM Operating System Safety Case Document Files

## Safety and Security Certification

- Safety and Security Certification Plan – Final
- Safety and Security Certification Plan – Updates
- APM System Safety Certification Verification Report – Preliminary
- APM System Safety Certification Verification Report – Final
- Certifiable Elements List and Certifiable Items List (CEL/CIL) – Preliminary
- Certifiable Elements List and Certifiable Items List (CEL/CIL) – Final
- Certifiable Elements List and Certifiable Items List (CEL/CIL) – Updates
- Attend and facilitate regular Safety and Security Certification Review Team (SSCRT) meetings



## Design Criteria Conformance

- Design Criteria Conformance Checklist – Preliminary
- Design Criteria Conformance Checklist – Final
- Design Criteria Conformance Checklist – Updates

## Construction/Installation/Testing Conformance Checklists

- Construction/Installation Specification Conformance Checklist – Preliminary
- Construction/Installation Specification Conformance Checklist – Final
- Construction/Installation Specification Conformance Checklist – Updates
- Operational Readiness Conformance Checklist – Preliminary
- Operational Readiness Conformance Checklist – Final
- Testing/Inspection Conformance Checklist – Preliminary
- Testing/Inspection Conformance Checklist – Final

## Safety and Security Meetings

- Attend and Facilitate regular Safety and Security Review Committee (SSRC) meetings

## System Security Plan

- APM System Security Plan (SSP) Design/Construction – Final
- APM System Security Plan (SSP) Design/Construction – Updates
- APM System Security Plan (SSP) O&M – Final
- APM Operating System Safety and Security Technical Requirements – participation as follows to ensure safety and security technical requirements are adequately incorporated in the project design, construction, testing, and start-up:
  - Attend design coordination meetings
  - Attend review plans and specifications meetings
  - Attend comment resolution meetings
  - Threat and Vulnerability Assessment Support During Early Works
  - Threat and Vulnerability Assessment Report
  - Threat and Vulnerability Assessment Report – Updates