

# Thomas C. Griego

Manager  
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## FIRM

Soteria Company, LLC  
2002 - Present

## EDUCATION

M.S. in Industrial Psychology,  
California State University, 1987

B.A. in Experimental Psychology,  
University of California Santa Barbara,  
1981

## AREAS OF EXPERTISE

- System Safety and Security Certification for LRTs
- Threat and Vulnerability Assessments for LA transit projects
- Rail, bus, and aviation system safety and security planning
- Reliability
- Ergonomics
- Fixed Guided Transit Systems
- Coordination with multiple government agencies (Federal, State and Local)
- Fire/Life Safety Support

## YEARS OF EXPERIENCE

32 Years

## REGISTRATIONS & CERTIFICATIONS

Screening of Persons by Observational Techniques (SPOT), California Emergency Response Agency

## EMPLOYMENT

- Booz Allen Hamilton  
1990 - 2002
- McDonnell Douglas Corporation  
1984 - 1990

## TECHNICAL EXPERIENCE

Thirty-eight years of professional transportation experience encompassing rail, bus, and aviation systems engineering, safety, certification, reliability, maintainability, security, and ergonomics. Currently performing system safety and security planning and analysis for urban rail projects in Los Angeles and commuter rail projects in Riverside, CA. Performed system safety and security assessments and reviews for more than 20 agencies, departments, and organizations across the U.S.

## SUMMARY OF EXPERIENCE

Mr. Griego's rail transit experience includes the following projects and activities:

- Led the Safety and Security Program for the LA Metro Crenshaw/LAX light rail transit (LRT) line and maintenance facility.
- Currently leading the safety and security certification program for the Edmonton Valley Light Rail Transit Project, including stations, track, systems, rail cars and a maintenance and storage facility.
- Safety Coordinator for the Los Angeles International Airport (LAX) Automatic People Mover (APM) project.
- Led the Perris Valley Commuter Rail extension safety and security certification program.

## RELEVANT AND RELATED EXPERIENCE

### LAX Automatic People Mover Project

October 2017 - Present

The Los Angeles International Airport (LAX) Automatic People Mover (APM) is a major component of the Landside Access Modernization Program (LAMP). The APM Project will provide an elevated guideway with an at-grade Maintenance and Storage Facility and six stations, connecting to CTA passenger terminals through a network of elevated pedestrian walkways and a vehicle system. The APM Project also includes procurement of the Bombardier INNOVIA APM vehicle, along with operating systems and infrastructure to support the system.

In the role of subcontractor to LAX Integrated Express Solutions (LINXS), Soteria has an extensive role in ensuring system safety. Among other roles, Soteria is managing the System Safety Program Plan, additional Safety Plans, performing Threat and Vulnerability Assessment, and managing Certification.

### Mr. Griego's Role: System Safety Coordinator

Responsible for all system safety and security planning, analysis and certification tasks that will lead to Readiness for Passenger Operations.

## **Metro Crenshaw/LAX Transit Corridor Project, Los Angeles, CA**

September 2013 – Present

The Metro Crenshaw/LAX Transit Corridor project is an 8.5-mile light rail line that will run between the Expo Line on Exposition Boulevard and the METRO Green Line. Soteria Company is leading the system safety, security and assurance planning, analysis and certification for all phases of the safety and security certification process, through design and construction and startup. Soteria is also responsible for the reliability and maintainability planning, analysis and demonstration program.

**Mr. Griego's Role:** Safety/Security Certification Manager

Responsibility:

Mr. Griego is leading the system safety, security and assurance planning, analysis and certification for all phases of the safety and security certification process through design and construction and startup.

## **Edmonton Valley Line LRT Project, Edmonton, CA**

May 2016 – Present

The Edmonton Valley Line LRT Project connects the Mill Woods area with downtown Edmonton. It is comprised of low-floor, urban styled LRVs which run on a dedicated right-of-way that is integrated into the city landscape. The System consists of approximately 13km of dual guideway, with approximately 2km of the guideway elevated.

Soteria is leading the Safety and Security Certification Program and the Independent Verification and Validation (IV&V) Process, including supporting development of the System Safety Program and System Security Plan, as well as support in the areas of design and construction, training requirements, Safety and Security Verification, and operational readiness.

**Mr. Griego's Role:** Safety/Security Certification Manager

Mr. Griego is supporting all phases of the certification effort from design through construction and startup.

## **Redlands Passenger Rail Project, San Bernardino and Redlands, CA**

October 2016 – Present

SBCTA's Redlands Passenger Rail Project (RPRP) will develop a rail transit system to connect the San Bernardino Transit Center (SBTC) and the University of Redlands. The system takes advantage of an existing but underutilized railroad line originally constructed in 1888 by the Santa Fe Railway. The current service model proposed is a frequent-headway diesel multiple unit (HCV) commuter service operating between San Bernardino and Redlands, augmented by a limited number of Metrolink conventional express trains providing access to its region-wide network.

As part of the Construction Management team, Soteria is providing safety and security planning, analysis and certification services, and is leading the safety and security program for the design and construction phases of the project.

**Mr. Griego's Role:** Safety/Security Certification Manager

Responsibility:

- Develop and facilitate the certification program for the mainline
- Monitor construction and testing program and facilitate the verification of the Construction Conformance Checklist
- Develop the Final Certification Verification Report prior to revenue operations

## **Perris Valley Line Commuter Rail Extension, Riverside, CA**

October 2013 – June 2016

Soteria Company, LLC managed the System Safety and Security Certification Program for this extension to continue rail service 24 miles from the Downtown Riverside Station, with associated construction and rehabilitation of existing tracks and crossings. Soteria ensured the project met FRA and FTA requirements, led the startup and commissioning phase, and provided technical expertise for integrated testing.

Soteria managed the System Safety and Security Program, ensuring it met FRA and FTA requirements. Soteria also led the startup and commissioning phase and provided technical expertise for integrated testing.

**Mr. Griego's Role:** Safety/Security Certification Manager

Responsibility:

- Led the System Safety and Security Certification program for this \$150 million extension
- Led the team that provided technical oversight for the integrated testing and start-up phases of the project

**Exposition Metro Line Construction Authority Light Rail Transit Project, Los Angeles, CA**

April 2005 – March 2012

The Expo LRT project is some 9.6 miles long, extending from Downtown Los Angeles to Exposition Park and then to Venice Boulevard/Robertson Boulevard in Culver City. The Project constructed nine new stations and utilized two existing stations that are shared with the currently operating Metro Blue Line. Three of the nine new stations were aerial stations.

Soteria Company was responsible for Safety and Security Planning and Analysis for Phase I of this project. They developed the project's System Security Program Plan, System Safety Program Plan and the Safety and Security Certification Plan. Soteria also implemented the safety and security programs from preliminary engineering through construction, including the preparation of Safety Hazard Analysis and a Threat and Vulnerability Assessment (TVA). Soteria Company successfully led the safety/security certification effort and provided technical support at the Fire/Life Safety Committee.

**Mr. Griego's Role:** Safety/Security Certification Manager

Responsibility:

- Led Safety and Security Planning and Analysis for the project.
- Led the safety and security certification effort and provided technical support at the Fire/Life Safety Committee

**Metro Gold Line Eastside Extension Project, Los Angeles, CA**

June 2004 – June 2008

The Gold Line Eastside Extension is a 23.9-mile extension of the Metro Gold Line light rail corridor from its former terminus in Pasadena, California, east through the "Foothill Cities" of Los Angeles County into San Bernardino County. The corridor extension forms a part of the Los Angeles County Metro Rail system.

Soteria worked with LACMTA and Eastside LRT Constructors to prepare the Preliminary and System Level Hazard Analysis and the Operating Hazard Analysis.

**Mr. Griego's Role:** Safety/Security Hazard Manager

Responsibility:

- prepared the Preliminary and System Level Hazard Analyses
- prepared an Operating Hazard Analysis and provided key technical support for the system safety and security certification program