



Model Based Systems Engineer, Lead

Please send your resume and cover letter to jobs@mosaicatm.com

Mosaic ATM, located in the Northern Virginia / Washington, DC Metro area, is seeking talented full-time Model Based Systems Engineer, Senior, to add to our great team. We're looking for people who are passionate about model-based systems engineering, and just as passionate about being part of a great team. **This position can be in office, hybrid, or fully remote.**

Are you a seasoned professional with experience leading teams to solve complex system problems? Do you like working with other professionals to design modernized, efficient and scalable solutions? Are you an independent learner and a motivated self-starter who takes initiative to produce great results? If so, read on...

What you'll be doing:

- Plans, coordinates, and heads working groups in the development, planning, and execution of Model-Based Systems Engineer (MBSE) programs, projects, and activities.
- Interfaces with stakeholders, identifies and understands their program goals and needs, and develops best-value solutions.
- Develops systems integration solutions and extends system models using existing requirements, interface documentation, and related design and systems engineering documents, working with commercial MBSE tools.
- Participates in integrating or converting from document-based to model-based architectures, and participates in restructuring existing models.
- Collaborates with the engineering and interdisciplinary research team, contributing to and supporting the development of reference or system-level architectures for acquisition or operational systems.
- Manages the execution of the systems engineering process, including interfaces, key performance parameters, and operational concepts.
- Develops, updates, and maintains MBSE training and tool integration based on programmatic needs; and provides guidance and mentorship for MBSE tools and processes.
- Provides MBSE expertise and related support to the entire systems engineering team; and communicates with program leaders, including Chief Engineers, System Architects, and Program Managers.

What you'll need to bring to this job:

- Education: BS, Experience: 16+ Years, PhD 11+, MS 14+, HS 20+
- Excellent problem-solving skills
- Strong communication skills both verbal and written
- Flexibility to move between projects
- Responsible, Self-motivated, and innovative
- U.S. citizen

Here's what WE bring to the table:

- Great people: Work with some of the best and brightest people in the industry
- Awesome benefits: Standard benefits like health, dental, and vision insurance, 401k plan, and paid vacation.
- Plus, some unique stuff like paid overtime, local telecommuting, and profit sharing
- Relaxed office environment: Relaxed atmosphere, jeans are the norm, flexible scheduling
- Amazing company: Competitive salaries with annual compensation reviews, generous bonuses, good morale with fun teambuilding events

Company Overview

Mosaic ATM is a dynamic and growing technology consulting firm specializing in aviation and air traffic control system development. Key clients of Mosaic ATM include NASA, the FAA, the Air Force, large Government Contractors and major Air Carriers.

[Mosaic ATM](#) is an Equal Employment Opportunity/Affirmative Action Employer.

