



🏠 [Scytalys S.A.](#) / [System Engineer \(Senior Level\)](#)

System Engineer (Senior Level)

Neo Psychiko, Attiki, Greece | Engineering

Position Details

- Working Model: Hybrid
- Employment Type: Full-time

SCYTALYS is a leading software development and system integration company, operating internationally with its main offices in Athens. The company counts more than 30 years of operation in the Defense and Security sectors, where it specializes in the specification, design, development, integration, installation, testing and follow-on support of:

- Tactical Data Links and Interoperability Solutions
- Mission and Command & Control Systems
- Surveillance solutions

SCYTALYS is currently looking for a skilled **System Engineer** passionate about their field of work.

About the Role

As a Senior Systems Engineer at Scytalys, you will lead and contribute to the design, integration, and lifecycle management of complex systems and systems-of-systems. Using Scytalys' internal engineering methodology, you will translate stakeholder needs into validated system requirements and architectures, maintain traceability across the system lifecycle, and support integration and acceptance from a systems engineering perspective. You will also mentor engineers and promote best practices across the team.

Key Responsibilities

- Analyze stakeholder needs and operational concepts to define system and subsystem requirements.
- Develop and maintain system architectures, including functional, logical, and physical views, using MBSE principles.
- Manage system models and ensure traceability of requirements, interfaces, and design decisions throughout the lifecycle.
- Define and manage system interfaces and interface control documentation for internal and external system interactions.
- Plan and support system integration and acceptance activities by defining verification strategies, acceptance criteria, and compliance matrices.
- Review system design and implementation artifacts to ensure alignment with requirements and architectural intent.
- Identify, assess, and communicate technical risks, trade-offs, and system performance impacts to engineering leadership and management.
- Support system deployment and installation from a systems engineering perspective, ensuring requirements compliance.
- Mentor and coach engineers to develop skills in systems thinking, MBSE, and the company's engineering methodology.
- Contribute to team objectives by supporting cross-disciplinary activities outside immediate expertise when required.

Required Skills and Qualifications

- BSc (or equivalent) in Computer Science, Electrical/Electronics Engineering, Systems Engineering, or a related field.
- **5+ years** of experience in systems engineering across at least two lifecycle disciplines, such as: *Requirements Engineering, System Architecture & Design, MBSE, Integration Planning, Verification & Validation Planning*.
- Proven experience defining technical specifications, decomposing requirements, and delivering system designs that meet stakeholder needs.
- Advanced knowledge of system architecture frameworks and patterns.
- Experience applying MBSE principles and modeling tools (e.g., SysML) in system development.
- Familiarity with structured data formats (e.g., XML, JSON) for system interface definitions.
- Basic understanding of relational and non-relational databases relevant to system architecture and integration.
- Understanding of Windows and Linux environments from a system design and deployment perspective, including automation concepts.
- Advanced knowledge of computer networking concepts and architectures.
- Strong analytical, communication, and interpersonal skills to work effectively in multidisciplinary teams.
- Flexibility and willingness to travel to customer sites as required.

What we offer

- Competitive remuneration package
- Private Medical Insurance package
- Continuous learning in new technologies
- Opportunity to work in large-scale projects with talented people

Apply for this job

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