

**Company Description:**

IDSY, the leading provider of end-to-end wireless asset management solutions, is offering a great opportunity for a Sr. Systems Engineer to be a key contributor to this growing technology company.

IDSY is headquartered in New Jersey and is a publicly-traded (NASDAQ: IDSY) technology company that provides complete solutions for wireless asset management for Fortune 500 companies, and now SMB opportunities after a recent acquisition. Our products provide significant operational cost savings and safety benefits that are well documented, and are integrated into the daily operations of the world's most demanding customers. [www.id-systems.com](http://www.id-systems.com)

For passenger Vehicle Management Systems, I.D. Systems' HW/FW/SW solutions are deployed by global rental fleet and car sharing solution providers as core systems to provide superior customer experience, additional revenue not available with manual processes and as platforms for consolidating and optimizing fleet resources across multiple business offerings.

For industrial Vehicle Management Systems, I.D. Systems designs and delivers products which focus on facility and campus logistics operations via its vehicle management solutions. These systems monitor and control vehicles in warehouses, manufacturing facilities, and airport/seaports. Our SMB product line of similar systems is marketed by our Keytroller Subsidiary out of their Tampa, Florida offices.

Asset Intelligence, a subsidiary of I.D. Systems, is based in Plano, Texas, and is a leading provider of trailer and container tracking solutions for truck-load carriers, private fleets, leasing companies, and freight transportation providers. We offer a full range of telematics solutions to improve fleet productivity, utilization and profitability.

All employees are offered an excellent benefits package including medical, dental, vision, voluntary life, short/long term disability, flexible spending, 401(k) plan, and paid time off. IDSY stock grants are a part of our total compensation model.

If you thrive in a growing, high-energy, results-driven culture, we have a career opportunity for you!

**Role Summary:**

The Sr. Systems Engineer will be responsible for developing and managing integration and verification of functional/system requirements in the areas of controls engineering, wired and wireless networks, business process integration, and broad product launch and sustainment objectives.

In this role, you will analyze business objectives, develop designs, select hardware, establish software system designs, integrate and develop processes that meet business needs across the organization, manage complex issues within the functional area(s) of expertise, be involved in long-term planning, and contribute to the overall technical and business strategy.

**Responsibilities:**

Work closely with a cross-functional team of Software, Electrical Systems, Electrical Design, Mechanical Packaging, Communications, Production and System Test Engineers.

Responsibilities include:

- Execute the design, analysis, or evaluation of assigned projects using sound engineering principles and adhering to business standards, practices, procedures, and product / program requirements
- Be responsible for System/Subsystem Level Design requirements, Product Descriptions, ICD's, FMEA's, DFSS / DFR Scorecards, Engineering Support Requests, and other analysis, reliability and quality process documents
- Work with Project and Application engineers to develop detailed application analysis to evaluate impact on the system and flow down the right system level requirements
- Define and manage Interfaces to all sub-system in compliance to the system solution
- Work with Principle Engineers to generate and execute design review matrix and reviews
- Define System Validation Plans, execute System Validation Testing, and work with Test Engineers to ensure traceability to verifications cross reference matrices
- Participate as a presenter or reviewer in technical and program reviews
- Take ownership of tech concepts, solution, risks / mitigation plans, and engineering cost estimates on proposals
- Maintain broad awareness of technical trends to ensure technical quality excellence, timely completion of work, and reviews and responsiveness to customer / program needs
- Be a technical leader for the projects across global cross functional teams (customers, product / program management, Software, Electrical Integration, Train Control, Office systems, and Safety and Applications engineering) assuring "cradle to grave" success
- Partner with sub-section Manager, Program Management, and Project / Application Engineers to develop roll out and deployment plans
- Provide timely communication on significant issues or developments
- Participate on teams assigned to address organizational initiatives and generic issues
- Develop and/or manage development and review of system test cases to ensure required test coverage based on severity, probability and impact parameters
- Mentoring of junior engineers on the team

**Qualifications/Requirements:**

- Bachelor's Degree in Electrical Engineering, Software Engineering, Computer Science, Computer Engineering, or other closely related technical / science discipline
- Master's Degree and/or Advanced Training in System Engineering preferred
- Experience with Microsoft Team Foundation Server (TFS) requirements and test management preferred
- Minimum of 5 years hands-on design and implementation experience involving; Engineering Systems, Hardware / Software Engineering, and/or Electrical Design
- Must have the unrestricted authorization to work in the U.S.
- Must reside in the Woodcliff Lake, NJ area

**Desired Characteristics:**

- Self-starter with the ability to lead the effort with minimum supervision
- Experience working in systems including; Ethernet, TCP / IP, and Short range / Long range wireless communication technology (WiFi, CDMA / GSM, etc.)

- Background in System Design and Validation on systems involving; Microprocessors and Communication Peripherals
- Embedded programming and/or experience with real time operating systems (QNX)
- Hands-on capability to handle test equipment and tools (DOORS, scripting languages (Perl, Visual Basic, and DOS), and Excel data manipulation aspects (condensing large amounts of information))
- Understanding and translating customer requirements for wired and wireless communications solutions
- Understanding and translating customer requirements for Applications development for software solutions
- Experience with DOORS Requirements Management Tools, and ClearQuest Defect Tracking
- Experience with System Testing Processes, Tools, and Automation
- Ability to implement customer and industry standards
- Ability to work in a cross-functional environment
- Ability to engage and build positive relationships with both customers and internal and external employees
- Six Sigma training or equivalent Quality Certification
- Understanding of quality models (ISO 9000 and SEI-CMM)
- Strong oral and written communication skills
- Strong interpersonal and leadership skills
- Understanding of engineering standards including IEEE
- Customer Technical Interface experience
- System Project Estimation and Bidding Experience

**Salary:** DOE and full benefits package  
EOE M/V/F/D

Please visit [www.id-systems.com](http://www.id-systems.com) for more information on our company