



System Requirements Development

Service Data Sheet

PS-X10-100

- Proceed with critical system development activities even if you lack the time or internal resources
- Improve the likelihood of correctly solving a measurement problem
- Reduce costs by producing a professional commercial specification document that can be used to solicit competitive bids and proposals

Service Description

Agilent's System Requirements Development service is a critical first step in the planning phase of any test and measurement system development effort. As a structured and planned set of engineering activities, it is crucial work that must be performed and finalized before the system can be designed. This will ensure that your actual needs are met.

Service Scope

The System Requirements Development service typically involves both on-site and remote technical dialogue between your staff and Agilent's engineering team. This interchange helps determine your specific needs and wants.

The system concept and needs are converted to functional requirements for each component of the eventual system. Agilent utilizes structured engineering methods, tools, and techniques to produce the Requirement Specification.

Periodic progress reviews are scheduled to ensure that the emerging requirements meet your desired technical and business objectives.

Business Need

- Improve cost structure
- Minimize risk
- Improve effectiveness

What You Will Receive

- The final deliverable is the System Requirements Specification that is delivered to your team at the conclusion of the development process
 - Serves as a comprehensive description of all the significant requirements and aspects of the system
 - This is a professional document that is usable for soliciting bids from vendors for the actual system design engineering and implementation, or for use by your internal engineering resources

- The System Requirements Specification typically includes requirements for:
 - Technical elements (electrical and mechanical performance)
 - Schedule and financial performance
 - Functional overview
 - Support
 - Data management
 - Output
 - User interface
 - Software interface
 - Security
 - Environmental elements
 - Fixturing and interface test adapter
 - Migration and upgrades
 - Disaster recovery
 - System context diagrams



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Required From Customer

- Contact with individual(s) technically knowledgeable about DUT
- Test and functional requirements
- Requirements for data manipulation, display and storage
- Description of test environment (i.e. networks requirements, physical environment, etc.)

Ordering Information

Contact your local Agilent Sales Representative for a custom quotation.

Related Services

- Test System Design
- Test Plan Development
- Test Code Development
- TestExecSL Action Development

Agilent Technologies' Test and Measurement Support, Services, and Assistance

Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Support is available for at least five years beyond the production life of the product. Two concepts underlie Agilent's overall support policy: "Our Promise" and "Your Advantage."

Our Promise

Our Promise means your Agilent test and measurement equipment will meet its advertised performance and functionality. When you are choosing new equipment, we will help you with product information, including realistic performance specifications and practical recommendations from experienced test engineers. When you receive your new Agilent equipment, we can help verify that it works properly and help with initial product operation.

Your Advantage

Your Advantage means that Agilent offers a wide range of additional expert test and measurement services, which you can purchase according to your unique technical and business needs. Solve problems efficiently and gain a competitive edge by contracting with us for calibration, extra-cost upgrades, out-of-warranty repairs, and onsite education and training, as well as design, system integration, project management, and other professional engineering services. Experienced Agilent engineers and technicians worldwide can help you maximize your productivity, optimize the return on investment of your Agilent instruments and systems, and obtain dependable measurement accuracy for the life of those products.



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