
The Business Case for Test Automation — Bernie Gauf, President and CTO, IDT

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Typically, more than 60% of the overall effort in developing and delivering software products is spent on testing. Test time and cost is expected to continue to increase as the complexity of software applications is continuing to grow and as is the desire to deliver products more quickly. This presentation discusses the use of test automation to help reduce test efforts and testing costs. The presentation will focus on describing how the test automation increases the efficiency of the testing team, allows last minute releases to be tested quicker, and reduce the cost of testing overall. From a test engineer's perspective, automation should increase efficiency, reduce tedious data entry, allow for increased analytical time, and provide career enhancing skills. This presentation will describe the business case for test automation.

About Bernie Gauf

Bernie Gauf is President and Chief Technologist of IDT. Mr. Gauf has twenty years of experience in leading the design, development, and delivery of innovative solutions for the DoD. His experience includes the development and production of systems for passive and active sonar, electronic warfare, command and control, and computer based training and simulation for these system. Mr. Gauf is currently leading IDT's efforts in developing automated testing strategies and an automated testing framework suitable for DoD systems. Mr. Gauf has been invited to participate in numerous DoD panels associated with the use of COTS technology, middleware technology, and Open Architecture.

Prior to his employment at IDT, Mr. Gauf was one of the founding employees at Digital System Resources, Inc., a system integration and software company specializing in technology critical to national security and a recognized leader in providing state of the art, high quality products. DSR became one of the top 100 largest prime Department of Defense contractors for Research, Development, Test, and Evaluation through the successful transition of transformational technologies for the DoD.