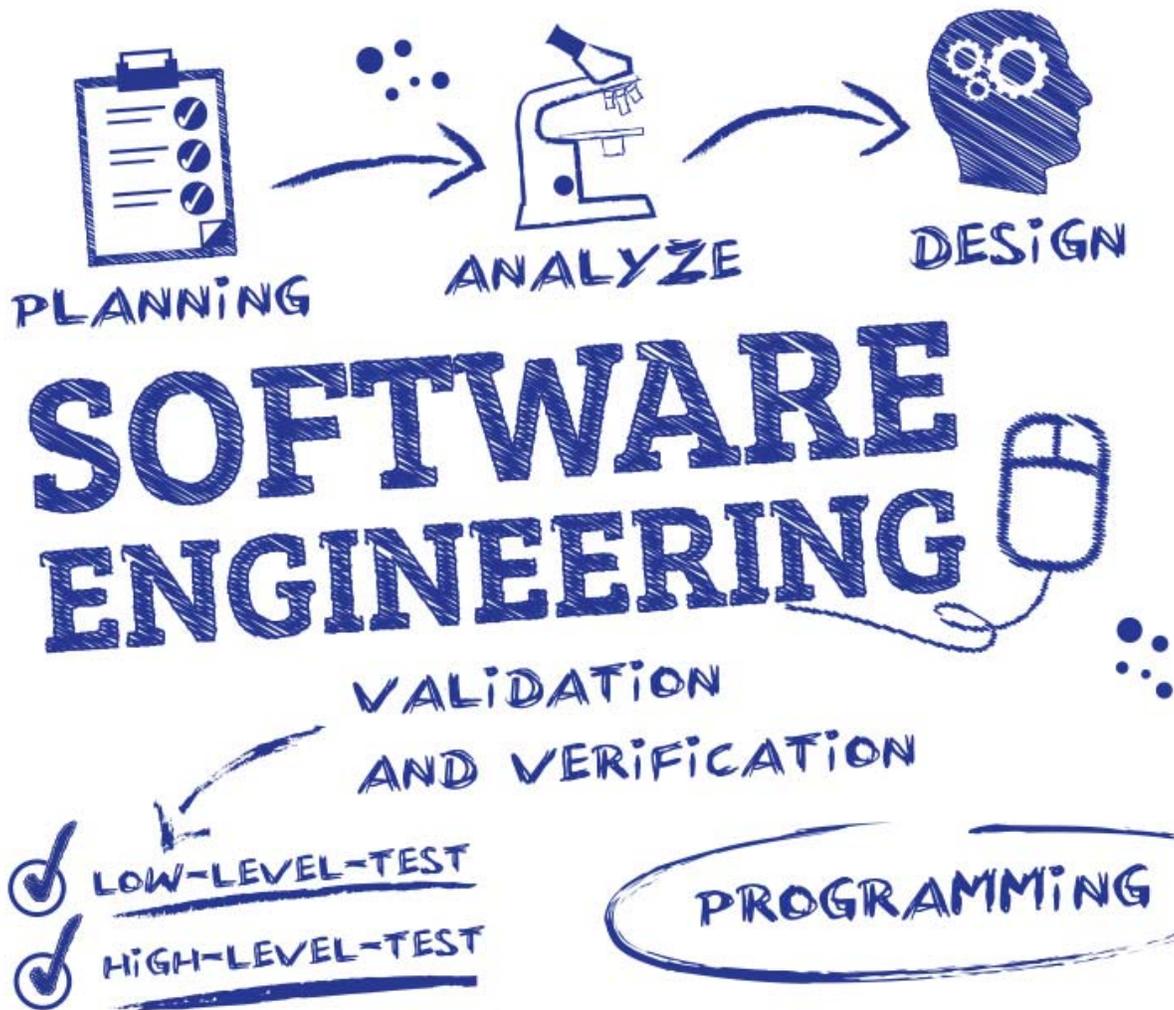


Fortune 500 Bank benefits from STG's Independent Verification & Validation Services Practice



SYSTEMS TECHNOLOGY GROUP, INC. (STG)
WE DO IT WITH PRIDE®

⋮ CASE STUDY

Customer Business Overview:

A Fortune 500 bank has three business segments: the Business Bank, the Retail Bank, and Wealth Management. The bank's business bank meets the needs of middle market businesses, multinational corporations and governmental entities by offering various products and services, including commercial loans and lines of credit, deposits, cash management, capital market products, international trade finance, letters of credit, foreign exchange management services and loan syndication services.

Project Business Description:

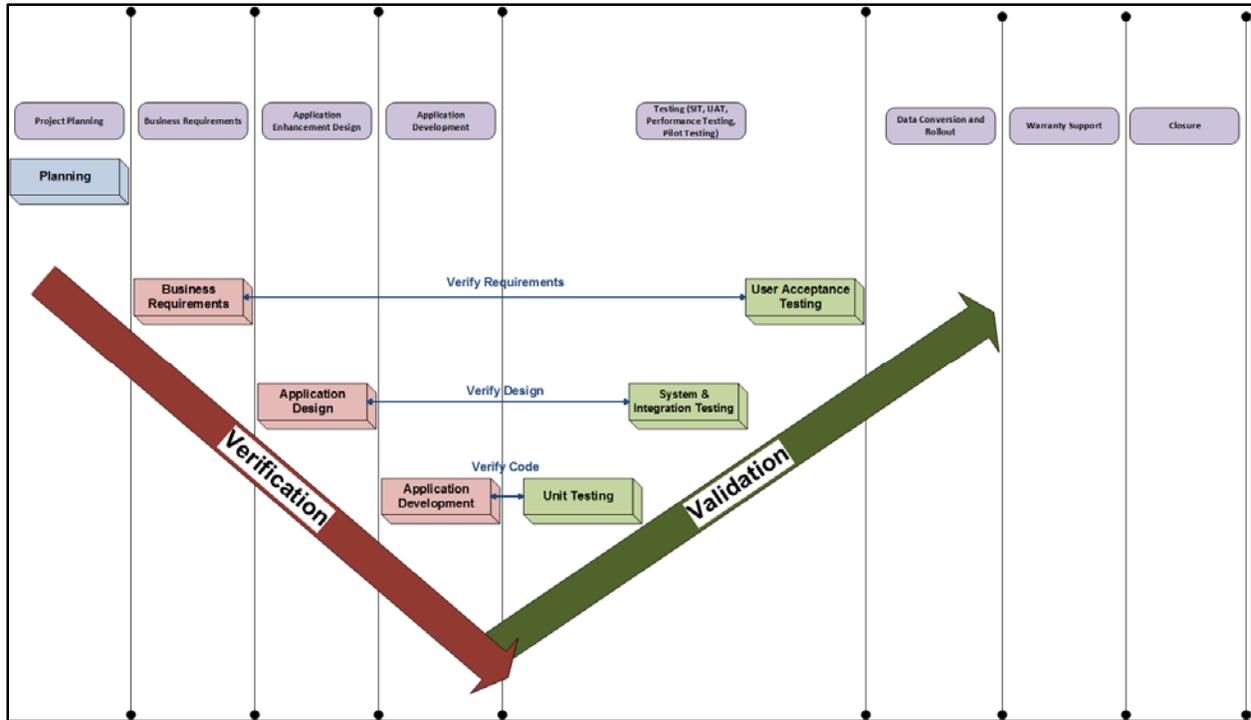
Customer launched a new global payment processing interface to process inter-business and business-to-bank remittances. The new system was based on a distribution computing architecture interfacing with a myriad of backend applications and databases. The business logic layer includes many business rule modules that could potentially change frequently due to changing business environment and new product launches. Customer was facing with the following challenges:

- How to develop a test strategy that encompasses a cohesive testing of all functions and business rules with all the interfacing systems
- How to ensure test adequacy?
- How to ensure full coverage of testing for a variety of business scenarios
- How to ensure that the business requirements are fully translated into software deliverables
- How to ensure that the testing process can be scaled and updated on a continuous basis in a changing business environment
- How to improve time-to-production for future system changes without having to spend months of various tests?

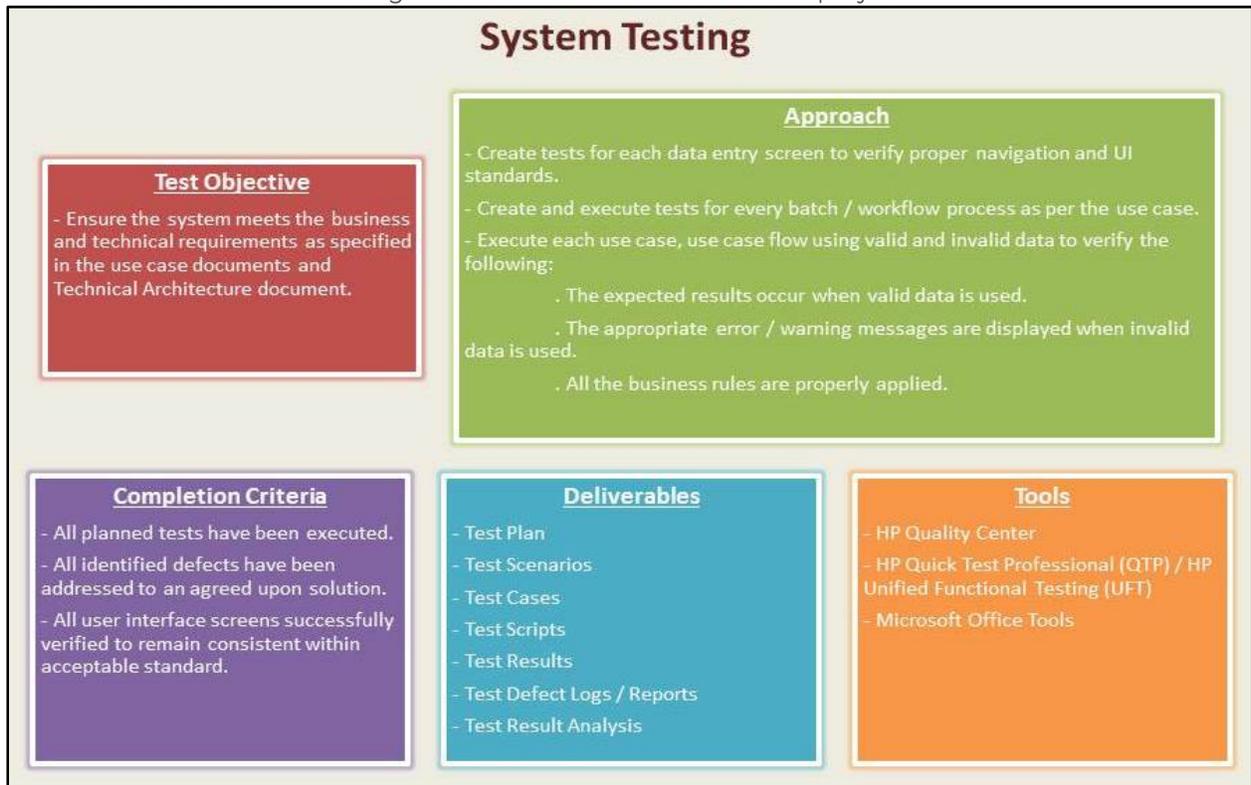
Customer partnered with STG to leverage STG's PRIDE®V-Model Independent Verification & Validation process to address the above challenges.

STG Solution Overview:

STG's PRIDE®V- Model allows customers to verify the development phase deliverables using a cohesive library of checklists and verification tools and templates. The STG's PRIDE®V- Model then provides process, tools and frameworks to validate the software artifacts.



STG used a customized Testing Process to suit the needs of the project.



Regression Testing



All the front-end tests were performed using 100% automation of testing using the industry leader HP-QTP software tools. STG also developed custom trigger frameworks to utilize the QTP engine and developed test cases without having to 'record' each test case using front end.

During the testing phase STG team collected and reported on multiple metrics with respect to system quality and test progress. These metrics and reports allowed the IT and Business leadership team to assess the performance and take corrective action proactively and therefore able to control the schedule effectively.

Business Results:

STG completed the project on time and provided a fully automated capability to test the new system. Following were the key benefits:

- The testing approach yielded an efficiency improvement of 150% over the existing process customer was using until engaging with STG
- STG developed a test case library containing approximately 2700 individual test cases in record time
- The test phase duration was cut to 20% of the usual time allocated when launching new system changes due to significant reduction in regression testing
- Customer IT was able to confidently demonstrate how all the requirements were fully traced and testing using the STG's PRIDE®V- Model process.