

Lab Consolidation Reduces Expense and Mitigates Risk

The Opportunity

Amidst a rapidly changing financial services landscape, one of the world's leading Financial Services Providers wanted to eliminate their need to interconnect many small geographically scattered test labs, and the associated expenses. The solution should address:

- Huge expenses associated with maintaining numerous geographically dispersed test labs
- Wasted time attributed to inefficient, lengthy test setup and tear down times
- Potential data breaches and security concerns inherent to geographically dispersed test labs
- Manual connections to test equipment often error-prone and requires frequent repeated access to labs
- Continuous expenditure on purchase and maintenance of duplicate test tools

The Details

Consolidating this Financial Services Provider's 50+ small test labs to a single secure, automated infrastructure provides test teams the ability to securely and efficiently perform critical interoperability and conformance testing. The resulting solution delivers:

- A single, consolidated lab infrastructure offering multiple test teams secure, remote access to lab equipment, eliminating the need to physically access the lab
- Simplified lab management solution with easy-to-use software delivers guaranteed hands-free automated connections to lab devices
- Non-intrusive network topologies with ultra-low 5ns latency for high-performance testing
- Delivered a permissions-based architecture to eliminate any concerns around lab security and access rights

The Results

NETSCOUT's Test Lab Automation solution with TestStream Lab Management met all the customer's requirement criteria, and delivered a solution to the customer that:

- Reduced average test cycles from more than 24 hours to under an hour
- Increased existing test tool utilization by over 50%, virtually eliminating CAPEX for new equipment
- Improved lab efficiency for better pre-deployment testing and faster resolution of production network issues
- Enabled 24x7 testing and scheduling of resources with improved lab utilization
- Realized substantial savings in overhead, power and cooling costs for single consolidated lab
- Delivered significant CAPEX and OPEX savings through automation and sharing of lab equipment



BY REDUCING THE NUMBER OF TEST SITES, THE COMPANY MINIMIZED CYBER EXPOSURE AND IMPROVED NETWORK RESOURCE UTILIZATION BY 50%

Utilizing NETSCOUT's line of Test Automation switches in conjunction with TestStream Management Software enables lab managers from all market verticals to meet the challenges associated with their environments.



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