

## Application Switch QA

### Benefits

Calsoft helped the customer:

- Accelerate development of their product with skilled engineers
- Reduce time to market with proven processes and methodologies
- Reduce software errors because of proven history of product development, testing, and quality assurance.
- Achieve their overall objective at a lower cost and with guaranteed support from a proven technology vendor
- Increase customer satisfaction with high quality product built with robust product assurance processes

### The Client

The client is a recognized leader in delivering communications capabilities to customers worldwide. They have a portfolio of solutions spanning packet, optical, wireless and voice technologies.

### The Challenge

The client was releasing the next version of their product with several new features. They wanted to ensure a high quality release. They wanted to automate test cases for the new features and were looking for a team with skills in specialized technology areas like Layer 2-7 of Internet Protocols.

### The Solution

Calsoft Labs took up the task of validating the new version of the client's product. The team took complete ownership of the testing and automated the test cases for new features. The complete testing of the product with new features including regression testing were run to ensure product release every 3 months.

### Technology and Resources

- **OS:** Embedded Linux
- **Hardware:** Ixia Traffic Generators
- **Software Tools:** TCL/TK and automation frameworks
- **Team Size:** 30
- **Technologies/Framework:** Server load balancing, Routing, Switching. Multiprocessor system with fast path processing and management processing.

If you wish to know more about Calsoft Labs and its offerings, please feel free to mail us at [info@calsoftlabs.com](mailto:info@calsoftlabs.com)

### About Calsoft Labs

Calsoft Labs provides specialized concept to market Product Engineering and embedded design and engineering services in select market segments – ISVs, New Media Companies, Networking and Datacom OEMs, computer hardware manufacturers, semiconductor companies and consumer electronics companies.