

IP Test Equipment for Carrier Networks

Benefits

Calsoft helped the customer:

- Accelerate development of software products and reduce time to market with proven processes and methodologies
- Produce high quality product with rigorous quality assurance process
- Quick ramp up with skilled engineers
- Achieve their overall objective at a lower cost and with guaranteed support from a proven technology vendor

The Client

The client is a leading provider of performance test systems for IP based infrastructure and services.

The Challenge

The client's product is the industry's most scalable solution for testing converged multiplay services and application delivery platforms. The client was looking for a vendor to help them rigorously test new features/enhancements of the client's product. Additional requirements included a thorough regression and performance test on several different platforms.

The Solution

The client selected Calsoft Labs, a niche player in networking domain, as its offshore partner to take care of testing requirements.

After the initial training for about 3 weeks, the 8 member team started with the Auto Regression activity with the client's support. In 2 months, the Calsoft team took complete ownership of the Auto Regression and started taking over additional testing duties. At the end of 3 months, the team was responsible for 50% of the performance test and 25% of the feature testing. Regression and Performance testing was automated using PERL, TCL and Python.

The team has been credited with strictly adhering to time lines set by the client

Technology and Resources

- **OS:** Microsoft Windows 2000, 2003 Server and XP, RH Linux
- **Automation Tools:** Python, Expect, TCL v8.4
- **Hardware:** Ixia Chassis, Ixia Modules (cards), 3PP DUTS (Cisco, Juniper etc.)
- **Human Resources:** 1 Manager, 1 Lead and 6 Testers (Offshore)

If you wish to know more about Calsoft Labs and its offerings, please feel free to mail us at 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.