

Test Automation Application Development - IP Test Equipment

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 leading provider of performance test systems for IP based infrastructure and services. The client's scalable solutions generate, capture and emulate network and application traffic establishing definitive performance and conformance metrics of network devices or systems under test.

The Challenge

The client's team faced increased pressure to reduce the overall cost of the product.

Additionally, the client wanted to reduce the turn-around time in resolving bugs associated with major and minor releases of the product to win confidence from their customers. They were unable to expand their team due to the scarcity of competent R&D engineers and the prohibitive R&D costs.

The Solution

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

The Calsoft team, after a short training on the client's product was able to scale up and start end-to-end development activity within 8 weeks. The team is engaged in developing and testing new features/enhancements. The team also provides level 2 technical support and bug fixes whenever required.

High quality of deliverables led to the team shouldering increased responsibilities and contributing 60% - 70% of development effort in major and minor releases

Technology and Resources

- **OS:** Windows Server 2003, Windows Server 2000, Microsoft Windows XP, RH Linux
- **Software/Tools:** Visual Studio 2005, SQL Server 2005, DevExpress, TCL v8.4
- **Middleware:** Windows Service/.NET Components
- **Hardware:** Ixia Chassis, CISCO duts

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- **Languages:** JavaScript, TCL v8.4, Python 2.5, VC++ 6.0, SQL Server 2005
- **Technologies/Frameworks:** Microsoft Technologies – .NET framework 2.0, Dev Express 8.0, MVC design Pattern
- **Protocols:** All L2 and L3 protocols
- **Human Resources:** 1 Manager, 2 Leads and 6 Developers

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.

www.calsoftlabs.com

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