

Porting of Application Delivery Software to NG Platform

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 Global leader in integrated application delivery solutions for full availability, maximum performance, and complete security of business-critical applications.

The Challenge

The client had acquired a reputed product line, and wanted to port the feature rich load balancing software to a new hardware platform in a mere 8 months. The software application had evolved over a period of about 10 years. It had several third party software components that were designed for different hardware architecture. The client wanted all these to be redesigned for the new hardware. The client also wanted to meet much higher performance metrics.

The Solution

A forty member team from Calsoft Labs took complete ownership of the product redesign including estimation, project planning, proof of concept, design and development.

The team met all the client's targets including performance benchmarks and release dates.

The key features developed by the Calsoft Labs team in application switch are:

- Optimization and secure delivery of applications such as VoIP, Web Services, ERP, CRM, etc.
- Multi-layer security with application-layer intrusion prevention, Denial of Service protection, SSL Acceleration, and SSL VPN
- Health checking and load balancing to simplify deployment and enable high availability application architectures
- Intelligent Traffic Management for classification, prioritization, redirection, rate limiting and rate shaping of application traffic

Technology and Resources

- **OS:** Linux
- **Hardware:** Power PC, ARM, Dual Core AMD, MIPS, BCM 56xxx
- **Software Tools:** Solaris, Clearcase, gcc.
- **Team Size:** 40
- **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

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.

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