Mindtree
Welcome to possible

Delivered superior products at lower cost, for a leading OEM of data center switches and routers.

OEMs need to deliver solutions that meet cost, space and performance criteria for networking and computing needs of data centers and high performance computing environments. They also need to consider cross platform environments, disparate vendor landscapes and dynamic demand patterns.

Testing has become crucial to releasing cutting edge networking solutions. OEMs need a partner who understands their products and can collaborate with the engineering teams to deliver timely, cost effective and high quality services.

Here's how Mindtree's innovative approach and technical expertise helped a customer improve the performance and efficiency, of their data center switches and router products.

The challenge
The customer is a leading OEM of high performance data center switches and routers. The customer follows an integrated development and test process, where developers create test scripts before writing the device software. Constant regression leaves a few scripts unstable and error prone. The customer was looking for a partner with expertise in network technology to debug the failures and fix them in a process oriented manner.

They wanted a solution to help them with:
- Initial read of the test log to create a bug report
- Behavioral analysis of the bug report to characterize the issue
- Root Cause Analysis (RCA) to ease the fixing of the issue
- Patch the script or code to fix the problem

Business impact
- Timely release and superior quality of products through metric driven processes and excellent diagnostic skills
- Lower cost of ownership through dedicated and secure ODC set up

Our solution

We collaborated with the customer to design a plan, that covered all aspects of remote testing partnership. Mindtree laid out an extensive metric-driven plan to meet customer expectations and deadlines. We took complete ownership of failure analysis, defect fixing and enhancements. We completed the project within the specified timeframe, resulting in cost reduction and higher efficiency.

We set up a dedicated Offshore Development Center (ODC) to deliver cost benefits and improve quality and performance.

About Mindtree

Mindtree is a global information technology solutions company with revenues of over USD 400 million. Our team of 11,000 experts engineer meaningful technology solutions to help businesses and societies flourish. We enable our customers achieve competitive advantage through flexible and global delivery models, agile methodologies and expert frameworks.