

How Cisco IT Redesigned India WAN to Improve Communications and Connectivity

New WAN delivers significant cost savings, lower latency, and faster circuits.

BUSINESS BENEFITS

- Cost savings of US\$200,000 a month
- Latency decrease from a half second to 150 ms
- Reliable, high-performance connectivity between India and San Jose and within Asia Pacific

“As India began to assume greater strategic importance to our company, it was imperative to improve quality and reliability and reduce the latency of telecommunications between India and Cisco headquarters in San Jose and between India and the entire Asia Pacific region.”

– **Keith Brumbaugh, Cisco IT Global Network Engineer**

Cisco Systems®, like many large technology enterprise companies, has had operations in India for many years. As recently as 1999, few circuits connected Cisco® headquarters with sites in India, which is part of the company’s Asia Pacific region. Although traffic was light, connections were often overwhelmed. Performance was poor, and service outages were frequent. One circuit was usually down; sometimes all circuits would fail, isolating India from the rest of Cisco.

Communications links between India and the U.S. and India and the rest of Asia Pacific needed to be upgraded to be congruent with Cisco’s business and technical mission in India and with the company’s operations throughout Asia Pacific. In addition, there were emerging needs for bandwidth to support sophisticated voice, video, and desktop conferencing applications.

The India WAN redesign has delivered immediate benefits in the form of reduced costs and more reliable connectivity between India, other locations in Asia Pacific, and San Jose.

In addition, latency has dropped significantly, to approximately 150 ms throughout Asia Pacific. The ability to conduct a videoconference or conference call is no longer an issue.

Cisco has realized significant savings. The company has saved as much as US\$200,000 a month or \$2.4 million a year.

Redesigned Cisco India WAN delivers reliable, high-quality performance and significantly reduced operating costs.

Case Study: http://www.cisco.com/web/about/ciscoitwork/case_studies.html

FOR MORE INFORMATION

To read the entire case study or for additional Cisco IT case studies on a variety of business solutions, visit Cisco on Cisco: Inside Cisco IT www.cisco.com/go/ciscoit

NOTE

This publication describes how Cisco has benefited from the deployment of its own products. Many factors may have contributed to the results and benefits described; Cisco does not guarantee comparable results elsewhere.

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