

Utilizing Cirata, Navis now has local servers in Chennai and Oakland always in sync.

Navis continually develops its cargo tracking and automation software from global locations. With 330 developers around the world, in Oakland, California and Chennai India, as well as offices in London, Hong Kong, Dubai, Argentina, Pakistan and New Zealand, the organization is highly decentralized. Having a central server in Oakland created major issues for worldwide developers, especially for those in Chennai who faced extremely long checkout times. Navis attempted to resolve this problem using Subversion svnsync, but this solution was proving unreliable and unstable.

Challenge

- Navis software developers located in Chennai, India experienced long wait times checking-out and checking-in software code to the central server in Oakland, California using Subversion svnsync. The organization required a solution to address this productivity loss as well as the degradation of morale associated with repeated failures and slowdowns.

Solution

- Navis investigated solutions for improving its software development process and found the perfect fit with Cirata SVN MultiSite Plus.
- In Oakland and Chennai, Navis has deployed Cirata SVN MultiSite Plus, a replication, mirroring and clustering software that enables enterprise performance, backup, and 24/7 availability for globally distributed Subversion deployments. SVN MultiSite Plus enables LAN-speed collaboration between the organization's distributed teams, allowing them to work as if they were all at one location, and developers in Chennai enjoy the same LAN-speed performance and access to the most up-to-date changes.

- "Check-in times are up to 10 times faster with the Cirata (formerly WANdisco solution—from hours to just 20 minutes," said Stephen Schleiger, Director of IT, Navis. "Before, trying to do that across the WAN was just useless. The benefit of the performance increase is a huge productivity improvement. Our uptime is also dramatically enhanced. The implementation was easy and Cirata provides us with great support, I can't say enough about the company."

Results

- Utilizing Cirata, Navis now has local servers in Chennai and Oakland always in sync with each other.
- All developers enjoy LAN-speed performance and no longer suffer network slowdowns or failures.
- Navis benefits from hot-backup and automatic failover so business continues as usual even if a server fails.

Navis, a division of Cargotec Corporation, is the global technology standard for managing the movement of freight cargo through shipping terminals. Navis combines industry best practices with innovative technology and world-class services to enable its customers to maximize performance and reduce risk. Whether tracking cargo through a port, automating equipment operations, or managing multiple terminals through an integrated, centralized solution, Navis provides a holistic approach to operational optimization.

“SVN MultiSite Plus has never failed us, but the WAN problems would have been catastrophic had we not had SVN MultiSite Plus.”

Stephen Schleiger, Director of IT, Navis

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A Forrester Total Economic Impact (TEI) Report revealed that SVN MultiSite Plus delivered a return on investment of 357% with a payback period of less than two months. The subject of the study was a Fortune 500 company with annual revenues of over \$5 billion that had deployed SVN MultiSite Plus two years earlier. Forrester’s TEI methodology measures costs and cost reduction, and weighs the enabling value of a technology in increasing the effectiveness of overall business processes.

