

How Cisco Delivers Software Throughout the Enterprise

Network-based software delivery solution improves flexibility, scalability, and security of desktop software distribution.

BUSINESS BENEFITS

- Dynamic scalability
- Enhanced security
- Improved software distribution
- Lower TCO
- Greater flexibility

“If you are not managing your content, your content is managing you.”

– David Stafford, Technical Lead, Cisco IT Client Technology & Productivity Solutions

IT organizations in midsize to large enterprises have common concerns—one of the most important being how to distribute content, particularly software, quickly and efficiently. Problems around limited network bandwidth and the availability of IT resources complicate the process. Further, without automated replication and delivery of these files, IT operations face additional time and resource demands.

The constant need to deliver application upgrades, security upgrades, and hot fixes to 50,000 workstations around the globe prompted Cisco® IT in 2002 to look at developing a more efficient, reliable, and cost-effective method of distribution. At the time, Cisco Systems® was achieving 60 to 75 percent penetration for a typical distribution. Desktop management staff were spending valuable

time researching which 25 to 40 percent of client devices did not receive a distribution—and why.

The Cisco Application and Content Networking System (ACNS) has enabled Cisco IT to scale a single Microsoft IIS Web server to provide 60,000 bandwidth-constrained software deliveries—protecting against network outages and allowing distribution to resume seamlessly if interrupted. The Cisco ACNS can deliver source content from a single origin server to 1 or 2000 content engines, using unicast or multicast replication.

The Cisco ACNS protects intellectual property through faster distribution of patches, hot fixes, and virus updates, potentially saving millions of dollars a year in system downtime.

The ability to distribute software from a content engine on the LAN speeds delivery and decreases the possibility of an urgent software distribution clogging the Cisco WAN during business hours. It also protects employees from the effects of malicious code and speeds the deployment of new PCs, helping to ensure that users and sites are operational quickly.

Case Study: <http://www.cisco.com/web/about/ciscoitwork/index.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

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