

Case Study

Construction

CUSTOMER SUCCESS

Prioritize bandwidth, and schedule content

CUSTOMER:

Drymalla Construction Company, Ltd. Texas, USA
(200 users, 2 locations)

CYMPHONIX PRODUCT:

Network Composer DC30

DRYMALLA
Construction Company

Situation

Drymalla Construction Company, Ltd. has been in the general contracting business since 1946. Located in Columbus, Texas, with a satellite office in Houston, the quality of Drymalla's work and its close association with the major architects and school districts of the area has resulted in a considerable contribution to the growth of this thriving Gulf Coast area. The company specializes in the construction of churches, schools, office buildings, and industrial facilities, as well as retail and commercial developments.

Employing almost 200 full-time employees, Drymalla Construction Company operates approximately 40 computers and 10 dedicated servers on a single T1 connection shared between its central office, satellite office and various active job site locations. The company employs about 50 systems outside the office that are capable of remote access into the corporate office and employees are able to access the network from remote locations through a Virtual Private Network (VPN) and terminal services.

Challenge

Drymalla Construction Company needed to host their own emails, website and FTP sites, in addition to providing network access for its employees - without investing in additional bandwidth. However, once the ten servers were actively hosting the additional programs, the entire network slowed to a crawl. On a daily basis, contractors downloading architectural drawings with file sizes up to 300mg would bring Drymalla's network

to its knees, which ultimately resulted in a dramatic increase in complaints to the IT department. With these types of downloads occurring around the clock, there was never a break in the volume of traffic and network speeds were unable to fully recover.

"After about a week of putting up with the frustration and complaints, I realized we were going to need to manage our bandwidth more effectively," said John Blaschke, an estimator, project manager, and MIS director for Drymalla Construction Company. "With the number of users we had accessing the network, investing in more bandwidth was not an option, so we needed to find a way to control how our bandwidth was being utilized."

Solution

On the hunt for a solution to his bandwidth issues, Blaschke discussed the problems he had been experiencing with one of his personal friends, who was also the IT administrator for the local school district. The district had found success with the Cymphonix Network Composer for its own bandwidth management issues, and his friend encouraged Blaschke to look to

Reveal.
Optimize.
Protect.



Cymphonix for a possible solution.

"We regularly mirror one another's networks and the school district had recently integrated a Network Composer into their network infrastructure. After I was finished explaining the issues we were experiencing on the company network, I learned that Drymalla could quickly resolve our bandwidth issues with Cymphonix and the Network Composer's ability to prioritize bandwidth," said Blaschke.

Taking the advice, Blaschke looked into the functionality of the Network Composer and was immediately impressed.

"I had never seen another product like this on the market so I decided to move forward with the Network Composer DC30," added Blaschke. "The ability to set priorities on the type of content and application traffic that could traverse our network, and also the capability to implement time-of-day policies, was absolutely of interest."

Drymalla Construction Company was able to quickly and easily integrate the Network Composer into their infrastructure and immediately began to configure the device and set governing policies for both users and the servers.

"The installation of the device was essentially just a 'plug and play' situation and it was very easy to configure. The entire installation process took only a couple hours and as soon as it was up and running, I was able to set policies to increase our network speeds. I was able to give our servers top priority on the network, so download and upload speeds of important documents would never be impeded," said Blaschke.

The Cymphonix Network Composer's content filtering capabilities were also utilized by Drymalla Construction Company and ultimately replaced the organization's SurfControl software. With Cymphonix, Blaschke was able to block Web traffic deemed inappropriate for the work place, including streaming media and instant messaging during work hours. However, by using the Network Composer's dynamic Time-of-Day shaping policies, Drymalla

employees are able to access these types of recreational content and applications after hours.

Blaschke continued, "Once the device was in place, it took less than an hour to



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John Blaschke
Estimator, Project Manager, and MIS Director for Drymalla Construction



see the value in our investment. It was almost like a light switch - pre-Network Composer, we had a system where no one could access any information and our network would shut down on a daily basis. Once the Network Composer was in place, everything was up and running and our download/upload speeds were suddenly manageable. It was like magic!"

Success

Drymalla Construction Company, Ltd. suffered from daily network overload generated by a combination of user activity, constant downloading and uploading of drafts and drawings by contractors, as well as server activity responsible for hosting the organization's email, website, and FTP sites.

Upon a recommendation from another Cymphonix user, John Blaschke integrated a Network Composer and was able to quickly build groups and set policy to dynamically manage Drymalla's bandwidth issues. The company was even able to replace SurfControl as its content filter due to the Network Composer's all-in-one content and bandwidth management capabilities.

Blaschke added, "The Network Composer paid for itself within the first month of ownership and we haven't needed to increase our bandwidth. I absolutely recommend Cymphonix to any organization, large or small, which is looking to manage its network. Nothing I have seen can even come close to the efficiency or the functionality of the device."

See for Yourself

See how Network Composer delivers visibility, security, and performance in one reliable package. Contact your Authorized Cymphonix Reseller for an online demonstration or call or email Cymphonix at 866-511-1155 or sales@cymphonix.com



About Cymphonix

Cymphonix Corporation, headquartered in Sandy, Utah, uses patentpending Cross-Layer Intelligence™ (XLI™) technology to provide unmatched network threat protection and resource optimization. With the powerful XLI engine, Cymphonix products seamlessly integrate network protection, application performance, and traffic visibility into a single, easily managed solution. Leading the Cymphonix product line is Network Composer, a smart gateway appliance that helps organizations understand at a glance who is abusing network resources and with what applications - enabling problems to be corrected instantly through a clear, easy-to-manage interface.



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