Claremont High School Academy improves learning & saves on infrastructure costs

Challenge

With a growing student population and a newly installed virtual learning platform, Claremont High School Academy's bandwidth was no longer sufficient for the school's needs. The school regularly peaked in its data usage with even basic server administration tasks such as offsite back-ups taking a considerable time to complete.

Since the school's new virtual learning platform was hosted onsite, uploading and downloading coursework remotely over the Internet was a slow process. This made it inconvenient for staff and students to access the platform from home and hampered the schools ability to provide an outstanding learning experience. Daniel Kirby, Network Manager at Claremont High School Academy commented: "We'd hit our limit in terms of bandwidth, and it was really affecting our staff and students since accessing coursework could be incredibly slow. We needed to increase our bandwidth substantially, and we also needed a more scalable and reliable solution."

The school was also promoting the use of educational video content from YouTube and BBC iPlayer within their classes.

Solution

However, with their existing bandwidth not being sufficient, streaming video content over the Internet posed real challenges and often wasted valuable teaching time. As a result, the school recognised the need for a change and approached a number of providers to find a more suitable Internet service capable of supporting the new technologies which are required to deliver a 21st century educational experience. Any new solution would need to be robust, reliable, scalable and cost-effective.

After an in-depth solution assessment which was presented to the school's board, Exponential-e was selected to provide Claremont High School Academy with a scalable high-speed Internet service. Selection criteria included: company reputation and delivery framework, education sector experience, technology solution, cost-effectiveness and service level agreement. Daniel Kirby commented: "The quality of the service has been excellent. The connectivity is reliable and robust, and we always get good response rates on

CLAREMONT HIGH SCHOOL

Claremont High School Academy is a multi-specialist school which specialises in Performing Arts, Maths and Computing and Applied Learning. Founded in 2001 and based in Harrow, Greater London, the school has over 1,500 students and offers a breadth of learning opportunities. Rated 'outstanding' by Ofsted, it strives to ensure that students follow a personalised curriculum in a safe and secure, yet educationally challenging environment.

DON'T JUST TAKE OUR WORD FOR IT

"Exponential-e went above and beyond all the other companies. They weren't just trying to make a sale; they're very passionate about what they do.

We always receive regular phone calls from them asking how we're getting on. We just don't get that level of attention from any of our other suppliers."

Daniel Kirby, Network Manager
Claremont High School Academy

Exponential-e Ltd
100 Leman Street, London E1 8EU

Telephone
+44 (0) 845 470 4001

Visit the website
www.exponential-e.com

Email
info@exponential-e.com

Follow us on Twitter
@exponential_e

the ping. The support and ongoing communications has been better than any other company that we deal with."

Exponential-e worked closely with Claremont High School Academy to ensure the new Internet service was delivered timely to coincide with the school holidays. The school's new service is delivered over an uncontended 100Mbps fibre optic connection with the same high-speed uploads as downloads - ensuring staff and students can quickly access and upload coursework from home. In addition, with Exponential-e's own Network integrated with the world's major content delivery networks, such as BBC and YouTube, educational video content is only one hop away and can easily be streamed in classes without any delays.

After successfully deploying the new Internet connection, Exponential-e was also approached to deliver a secure, automated online back-up service for the school's mission critical servers. The back-up data is carried over their Internet connection via private peering to secure storage in Tier 3 datacentres. "Exponential-e went above and beyond all the other companies. They weren't just trying to make a sale; they're very passionate about what they do. When they invited us to come and see their Network Operations Centre and meet their employees, as well as offered to put us in contact with other schools using Exponential-e services, we knew they were the right company for us. We always receive regular phone calls from them asking how we're getting on. We just don't get that level of attention from any of our other suppliers."

FEATURES

• Increased bandwidth capacity and performance.

• Savings on infrastructure costs by delivering multiple services over the same connection.

• Improved virtual learning experience with symmetrical upload and download speeds.

BENEFITS

Claremont High School Academy now has a high-speed, reliable, low latency Internet service with vastly improved upload and download speeds. The new Internet connection facilitates a better learning environment for both students and staff.

With the ability to split their Internet connection and deliver multiple services over the same pipe, Claremont High School Academy is also making the most out of their infrastructure investment.

The new secure online back-up facility makes data back-ups faster and simpler.

ABOUT EXPONENTIAL-E

Innovation is at the core of Exponential-e, and has been since our inception in 2002. We wholly own our super-fast Network, and our fusion of complementary technologies - a carrier-class Network and Cloud infrastructure - means we can deliver enterprise applications at wire speed for a superior end-user experience. We deliver scalable, dynamic and bespoke solutions. Renowned for our

responsiveness, coupled with our customer centric approach, and a UK based 24 / 7 x 365 service desk, means we offer unrivalled expertise.

To find out more about Exponential-e visit www.exponential-e.com/Claremont-School or email info@exponential-e.com

Exponential-e Ltd
100 Leman Street, London E1 8EU

Telephone
+44 (0) 845 470 4001

Visit the website
www.exponential-e.com

bsi.
ISO 9001 Quality Management

ISO 27001 Information Security Management

ISO/IEC 20000-1 Information Technology Service Management

CSA STAR Cloud Security

ISO 22301 Business Continuity Management