CYBERHOUND

Canberra Grammar School Takes The Pain Out Of Implementing BYOD with CyberHound's Solution

An Independent Anglican school in Australia's capital is utilising CyberHound's unique platform to deliver safe internet access and an intuitive self-administering Bring Your Own Device (BYOD) environment for its students and staff.

Canberra Grammar School, an authorised International Baccalaureate school, recently introduced a BYOD program giving students and staff access to a dynamic distributed learning environment via their Wi-Fi network. This has helped them embrace a more innovative and collaborative classroom. However presented their IT team with a number of challenges to overcome:

- Managing a diverse range of BYO devices
- Ensuring safe and productive internet access for all devices
- Safeguarding student welfare

"The CyberHound Solution has allowed us to achieve the goals we wanted within our network and enabled us to address a number of challenges other solutions could not," said Steve Maunsell the school's ICT Manager.

The Situation

The school is K-12 and has 1,800 students and staff across two campuses with around 70 boarding students. The demands on the school network rapidly increased with the introduction of their BYOD program, with many students having two or more devices connecting to the network. As a result, an important consideration for them was to have a solution that gives them the opportunity to scale as they required and meet the increasing performance needs.

Additionally with the diverse requirements for internet access across the school it was important for the IT team to have a solution that enabled them to provide the appropriate level of access based on student and staff groups.

With the introduction of the number and range of BYO devices, the IT team found it challenging and cumbersome to ensure that security certificates on all devices were kept up to date. This presented a security risk for their network but also diverted precious IT resources to installing these on an individual basis for each device. Furthermore they found it challenging to ensure that all web browsing was filtered, with some devices previously having unrestricted access to the internet.

As the internet is now becoming an integral learning tool at the school, and access to social media applications is available after hours, there was an increased requirement for the IT team and key school staff to be aware of general activity on the network. More specifically they wanted a solution that could flag potential incidents of cyberbullying and help identify vulnerable students in order to provide the necessary support in a timely manner.

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Steve Maunsell,
ICT Manager,
Canberra Grammar School
www.cgs.act.edu.au

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"The CyberHound Solution is very reliable. It sits in our network and doesn't miss a beat. It provides us with the information we need to do our job well."

Steve Maunsell,
ICT Manager,
Canberra Grammar School

The Solution

CyberHound's unique platform appealed to Canberra Grammar as it enabled them to address many challenges in a unified solution.

"The CyberHound Solution has made managing our diverse BYOD environment easier. Students log onto the network through the captive portal and the CyberHound Solution takes care of the certificate installation process seamlessly and enables us to perform URL filtering, including granular visibility of HTTPS web browsing, in a unified solution," said Steve Maunsell.

Through the CyberHound solution the IT team now have greater management and control of internet and social media use, including time of day controls, for all users on the school network.

The solution provides seamless integration with their Active Directory (AD) Service, thus identifying each user individually and applying the relevant policies associated to a defined AD group. This has enabled the IT team to deliver a safe web browsing environment whilst improving productivity of both staff and students.

CyberHound's award winning ClearView solution has proved an invaluable addition to their network. The IT team and key school staff receive scheduled weekly reports providing them with vital evidence based information that help detect incidents of cyberbullying and potentially vulnerable students.

"CyberHound's ClearView *technology allows us to quickly identify vulnerable students and send instant alerts to nominated school counsellors allowing them to proactively safeguard student welfare,"* said Steve Maunsell.

The school is enjoying substantial bandwidth savings and ensuring rapid access to learning content through CyberHound's Content Acceleration Platform. This is helping them save on their monthly internet bill and further improving productivity for teachers and students as there are no delays waiting for downloads. This is also having a positive impact in enabling the use of technology in the classroom. Teachers are now confident in the ability to reliably gain access to online tools and resources that are delivered with extremely high network performance.

The CyberHound solution is being delivered as a software-based solution allowing the school to easily utilise existing infrastructure with no requirement for them to support additional hardware.
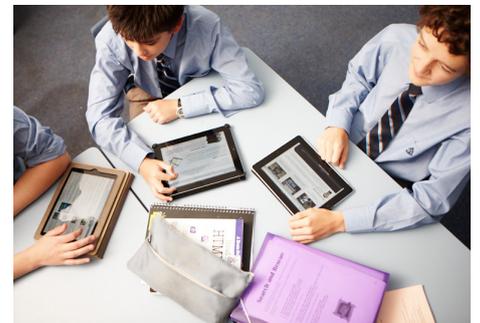
"The CyberHound Solution slotted seamlessly into our network and allows us to easily scale when required. The CyberHound support team are very helpful and responsive in resolving any support queries, ensuring a positive experience for us in IT and all of our staff and students," said Steve.

CyberHound's unique platform supports Canberra Grammar School in innovating their teaching approaches and facilitating their students to take advantage of global online resources.

"Having CyberHound's solution has been well worth the investment. We are able to proactively create a safe online environment for our students while teaching them the responsibility of becoming good online digital citizens," said Steve Maunsell.

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CyberHound is a leading provider of innovative internet compliance, management and security solutions. CyberHound provides organisations with unique, real-time social media governance and security controls with predictive outcomes and tangible business benefits. CyberHound was established in 1999, is privately held and is based in Australia.

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