Inaburra School Leads the way with BYOD Program

Inaburra School is leading the way amongst NSW Independent Schools by implementing a forward thinking BYOD (Bring Your Own Device) program utilising CyberHound's BYOD enablement capabilities.

The school introduced a BYOD program at the start of 2013 for students in years 5-12. Prior to implementing this new approach, the school underwent some major changes to its network in an effort to improve performance, enhance efficiencies and enable the IT team to design a network for the future. CyberHound's solution was crucial in facilitating this.

"The CyberHound Appliance made it possible for us to take our network forward and was key in enabling us to restructure the edge of our network. At the point when we were considering BYOD for our network we didn't have to look for an alternate solution as the CyberHound Appliance delivered all we required," said Tim Pinnock, ICT Manager.

Background

Inaburra School is a Christian, co-educational, K-12, independent school in Sydney's Sutherland Shire. With approximately 970 students, the school strongly believes its students should be immersed into the technology they are using at home and at school. Therefore as part of the BYOD program the school encourages students to bring the devices they use at home to school, enabling greater familiarity for each student.
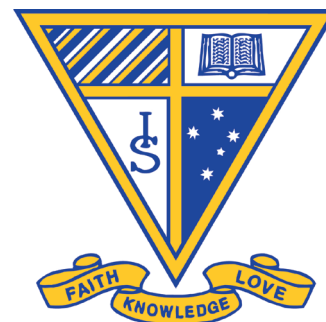
Situation

Prior to the introduction of a BYOD program, the school's previous internet management solution delivered basic levels of filtering and was not able to provide any monitoring or logging of students' internet usage. In addition, the domain lists were not updated regularly resulting in students easily getting around the solution's filtering rules and gaining access to inappropriate and unproductive content.

The school's previous solution combined a range of different appliances, including a separate firewall and content filter, making it complex and cumbersome to manage. In addition, to provide appropriate levels of internet access for staff and students, each group was assigned to a separate gateway connecting to individual internet connections. This tied up significant ICT resources to support and maintain the solution as well as increasing the schools monthly internet costs with the separate connections.

Inaburra School has been focused on advancing learning outcomes through the integration of technology in the classroom. In an effort to make this possible the school has a number of shared laptops, iPads and computer labs. This environment of connected devices has introduced a range of different authentication methods that needed to be supported in any future solution.

> *" CyberHound has allowed us to take advantage of the network we have today whilst positioning us well to embrace future developments as our requirements change. We were very happy to extend our service from CyberHound and value their ongoing commitment to making BYOD work for us. "*
>
> Tim Pinnock, ICT Manager
> **Inaburra School**

INABURRA SCHOOL

> *" When making our decision on a new solution, vendor reputation was an important consideration. CyberHound has a good reputation in the market and since becoming a customer we have been really impressed with the product and team who go above and beyond to resolve any issues. "*
>
> Tim Pinnock, ICT Manager
> **Inaburra School**

Solution

The CyberHound solution has helped Inaburra School redesign the edge of its network to enhance network performance, streamline administration and management. It has also been fundamental in taking the network into the future.

"The CyberHound Appliance solved many of our challenges as it was an appliance that could accomplish so much. It delivers really great internet filtering, monitoring of students usage and it is a very good firewall and unified threat management appliance."

Previously the ICT team was constantly updating black and white lists with the potential that some inappropriate sites were missed. The CyberHound Appliance 's advanced and accurate internet filtering has been key in saving the team substantial time as they now simply configure policies by selecting defined categories and all the work, including updating these categories, is done for them.

BYOD Ready

With their CyberHound solution already in place and their network performance optimised for advancing learning outcomes, the introduction of BYOD for Inburra School was made easier.

"We wanted a solution that could accommodate all of the different authentication methods we had so it could identify who a user was and what policies and rules apply to them," said Tim.

The CyberHound Appliance's BYOD capabilities make it effortless for students to gain access to the school network and internet. Providing seamless integration with their Active Directory (AD) Service, the CyberHound Appliance allows students to simply bring their devices to school and connect to the wireless network using their known school username and password.

The CyberHound Appliance authenticates them and applies any relevant policies. An incredibly simple and automated process enables students and staff to install an appropriate security certificate on their device. This takes 30 seconds, is only necessary once and requires no involvement from the IT team.

The CyberHound Appliance allowed the ICT team to add another network for BYO devices, giving students a safe way to access the internet without compromising the integrity of their internal network.

"When making our decision on a new solution, vendor reputation was an important consideration. CyberHound has a good reputation in the market and since becoming a customer we have been really impressed with the product and team who go above and beyond to resolve any issues," said Tim.

> " We wanted to have a hands off approach to on-boarding BYOD devices and didn't want to use an additional solution to manage device profiles. The CyberHound Appliance has made this a reality.
>
> Tim Pinnock, ICT Manager
> **Inaburra School** "

> " We were able to replace a number of appliances with the CyberHound Appliance and experience a much better solution. The CyberHound Appliance has allowed us to take our network forward and implement a DMZ which we couldn't do with our previous network.
>
> Tim Pinnock, ICT Manager
> **Inaburra School** "

CyberHound provides schools with the ability to optimise and manage their existing internet services. We help students engage in new forms of learning while also supporting teachers to confidently use digital content and resources without the worry of access, internet speed or reliability. Over the last 17 years, CyberHound has developed the most comprehensive learning enablement and cyber safety solution for schools and our solution is now the benchmark for schools in Australia and internationally.

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