



Hopewell City Public Schools adopts cloud-first strategy with iboss

Learn how Hopewell City Public Schools keeps students safe while innovating with iboss cloud

INTRODUCTION

Hopewell City Public Schools provide educational programs for approximately 4,200 students and is the first school system in Virginia that moved to a year-round schedule in July 2021. This innovative approach incorporates a balanced calendar to address student needs, such as focused learning and enrichment programs. With seven campuses including three elementary schools, one middle school, one high school and a learning center, Hopewell’s staff aims every day to provide students with a quality education that will serve them well long after high school.

HOPEWELL CITY PUBLIC SCHOOLS



7 Campuses

Supporting children 2 years old - Grade 12



6,200

Connectors for students and staff



1st School

in VA to initiate year-round schooling

"In Hopewell, we stress innovation and forward thinking. At iboss, they don't just produce an amazing product, they fit our mindset of being innovative and forward thinking with the educational community and they align with our mission of kids first."



Kris Reed

Supervisor of
Technology

THE CHALLENGE

At Hopewell City Public Schools, students come first across its seven campuses that serve kids from two years old through high school. A district that continually embraces innovation, Hopewell incorporated year-round schooling with a balanced calendar during the 2021-2022 school year. Keeping students and staff safe while online is paramount as Hopewell develops effective initiatives and programs for the school population; this was no less important as COVID-19 affected the entire community in 2020. The pandemic forced Hopewell to reimagine how IT manages resources in a traditional school environment as students quickly needed support with devices that were filtered and safe for remote use.

As the district maintains a one-to-one device policy for every Hopewell student, Hopewell wanted to find a solution quickly. Kris Reed, Supervisor of Technology, explains, "We always want the kids to have the best environment possible when it comes to technology." In his role, Kris embraces the district's vision in how technology plays a key role in student learning. His team maintains the network, software and hardware systems while ensuring safety, visibility into remote student access and compliance with the Children's Internet Protection Act (CIPA). The COVID pandemic presented a unique opportunity for Hopewell to quickly embrace a cloud-first strategy.

ABOUT THE CUSTOMER

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THE SOLUTION

Hopewell City Public Schools have been using iboss to keep its 6,200 students and staff secure for approximately ten years. During the height of the pandemic in April 2020, the district migrated from iboss' on-prem offering to the iboss Cloud Platform when the entire student population moved to remote school learning. Although Hopewell was already considering a cloud-first strategy, the pandemic incentivized Kris and his team to immediately migrate to iboss cloud to ensure students and staff would have safe online access from home and other remote locations. Gaining visibility into what students were accessing, with the flexibility that filtering provides, was vitally important to maintaining their safety.

The redundancy of the cloud – and removing the gateway appliance from the network – inspired Kris Reed to migrate Hopewell to the iboss Cloud Platform. “Getting rid of that single point of failure and moving to the cloud makes our network stronger. It’s never going down,” he explains. Moreover, deploying the cloud connectors to all devices was very simple. His team eliminated data backhaul and significantly reduced its data center footprint while improving mobile user security. When Hopewell’s seven different sites turned into thousands during the pandemic as students and staff worked from home, the district’s technology team was able to secure any type of environment with the iboss SASE Cloud Platform.

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Kris Reed
Supervisor of Technology

HIGHLIGHTS

Cloud-first strategy
– Adopting the iboss cloud SASE platform provides a cost-effective and scalable solution for 6,200 students and staff

Innovation throughout the school district
– Hopewell will seamlessly benefit from the iboss offering as it moves to a year-round learning environment

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THE RESULTS

The iboss Cloud Platform helps Hopewell maintain its priority to keep students safe while online. “If we don’t keep them safe, we aren’t doing our jobs,” Kris Reed states. Moreover, the 6,200 students and staff can work more efficiently with increased security regardless of their location.

Hopewell seamlessly adjusted to the network security challenges that arose after the COVID-19 pandemic when it migrated to the iboss cloud. Since the district’s small IT department doesn’t have the staff size of larger school divisions, iboss enables Kris Reed and his team to spend more time on school initiatives, make sure the students have the resources they need and help teachers with their technology requirements.

“*The granular reporting and increased visibility via SSL decryption on all traffic associated with our devices is amazing. Our users are always connected to the cloud regardless of the type of device we have assigned to them or their physical location. The flexibility of secure connectivity as a service ensures that we are CIPA compliant no matter where our students are learning or our staff is working.*

Kris Reed
Supervisor of Technology

HIGHLIGHTS

Equity and safety within and outside the classroom
– Every student has access to a device for home/remote use that is properly filtered and safe

Elimination of proxy/gateway appliances
– Move to the cloud and remove physical hardware strengthens and secures the Hopewell network

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HIGHLIGHTS

- 🔌 **Cloud-first strategy** – Adopting the iboss cloud SASE platform provides a cost-effective and scalable solution for 6,200 students and staff
- 🔌 **Innovation throughout the school district** – Hopewell will seamlessly benefit from the iboss offering as it moves to a year-round learning environment
- 🔌 **Equity and safety within and outside the classroom** – Every student has access to a device for home/remote use that is properly filtered and safe
- 🔌 **Elimination of proxy/gateway appliances** – Move to the cloud and remove physical hardware strengthens and secures the Hopewell network

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**Learn how
Hopewell City
Public Schools
keeps students
safe while
innovating with
iboss cloud**

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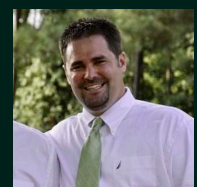
ABOUT IBOSS

iboss is a cloud security company that enables organizations to reduce cyber risk by delivering a Zero Trust Security Service Edge platform designed to protect resources and users in the modern distributed world. Applications, data and services have moved to the cloud and are located everywhere while users needing access to those resources are working from anywhere. The iboss platform replaces legacy VPN, Proxies and VDI with a consolidated service that improves security, increases the end user experience, consolidates technology and substantially reduces costs. Built on a containerized cloud architecture, iboss delivers security capabilities such as SWG, malware defense, Browser Isolation, CASB and Data Loss Prevention to protect all resources, via the cloud, instantaneously and at scale. The iboss platform includes ZTNA to replace legacy VPN, Security Service Edge to replace legacy Proxies and Browser Isolation to replace legacy VDI. This shifts the focus from protecting buildings to protecting people and resources wherever they are located. Leveraging a purpose-built cloud architecture backed by 230+ issued and pending patents and more than 100 points of presence globally, iboss processes over 150 billion transactions daily, blocking 4 billion threats per day. More than 4,000 global enterprises trust the iboss platform to support their modern workforces, including a large number of Fortune 50 companies. iboss was named one of the Top 25 Cybersecurity Companies by The Software Report, one of the 25 highest-rated Private Cloud Computing Companies to work for by Battery Ventures, and CRN's top 20 Coolest Cloud Security Companies of 2022.

To learn more, visit www.iboss.com.

THE SOLUTION

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