

Dreyfous & Associates

iboss Delivers Flexibility and Scalability to an Education ISP

Overview

Dreyfous & Associates is an Educational Internet Service Provider & Digital Content Developer in Puerto Rico that delivers innovative educational resources and technology to schools and libraries throughout Puerto Rico, the US and Latin America. The company was started in 1994 by Dr. Ricardo Dreyfous, an educator dedicated to delivering educational content and safe Internet access to K-12 students. Currently Dreyfous & Associates has 150 employees at two locations and working remotely. They provide enriched learning and safe Internet access to hundreds of schools and libraries and over 80,000 students who use their services.

The Challenge

Dreyfous needed to ensure that their clients could comply with federal CIPA (Child Internet Protection Act) and local laws governing Web usage. They wanted an Internet security solution that could meet the requirements of their internal users, while also providing the scalability and power to ensure safe Internet access for their client schools and libraries. Before deploying iboss Web Security Suite, Dreyfous had been using several different security vendors to meet their needs and wanted a more integrated approach that would be easier to manage. Other issues Dreyfous wanted to address included better bandwidth management, since their current security solutions were slowing the network. They also wanted a solution that could secure SSL traffic without latency and one that could block circumvention attempts via proxy servers such as Ultrasurf. Since they are also supporting a wide range of mobile devices, they needed a solution that could handle all aspects of mobile security including laptops, organization-owned mobile devices and BYOD (bring your own device), and with the flexibility to handle users both on and off the location.

The Solution

Dreyfous & Associates chose iboss Web and Mobile Security solutions because iboss can ensure CIPA compliance and provides advanced threat protection across all users, including mobile, without slowing network throughput. In addition, Dreyfous indicated the following iboss next-generation features as determining factors in the selection process:

- ✓ **Optimal Network Performance:** iboss Intelligent Bandwidth Management allows users to throttle bandwidth during peak hours so that important processes such as online testing are always ensured the bandwidth they require.
- ✓ **Circumvention Blocking:** iboss stops attempts to evade network security with advanced proxy detection and granular application management, keeping unwanted applications and anonymous browsing tools out of the hands of students.
- ✓ **Scalability and Flexibility:** iboss' powerful flexible architecture and multiple deployment options were an important factors in Dreyfous' decision. They also wanted to be able to delegate administrative task in order to optimize IT resources.

**Company:**

Dreyfous & Associates

Industry:

ISP for Education

Location:

Puerto Rico

Size:150 Employees serving
80,000+ students**Solutions:**iboss Web and
Mobile Security

- ✓ **Granular Policy Enforcement:** Dreyfous serves K-12 schools so it is important that iboss is able to provide different levels of access to older students vs. younger, and students vs. staff, etc. iboss seamless directory services integration ensures that accurate policies can be extended across all users including mobile.
- ✓ **SSL Security:** The iboss solution offers agentless selective decryption at the gateway, enabling Dreyfous to establish SSL policies that provide threat protection without slowing the network.
- ✓ **Comprehensive Mobile Security:** The ability to encompass all mobile users whether on school-owned tablets or BYOD was another reason Dreyfous chose iboss. Dreyfous appreciated that iboss is the only security vendor that offers integrated MDM and Web security, so its mobile security solution can encompass a wide-range of devices and platforms.

The Results

Alexander Lopez, IT Director at Dreyfous was impressed with the simplicity and speed with which he was able to deploy iboss, "Out of the box iboss is a plug and play solution. It took us less than four hours to configure subnets, including over 100 groups and web filter templates for immediate use in our infrastructure. This was considerably less time than with our previous solution." And because Dreyfous is serving a variety of schools and libraries in dispersed locations, they are very pleased with iboss scalability and flexibility, which enables them to provide Internet services along with their educational platform, while ensuring a safe Web environment for students and staff.

Dreyfous also likes iboss' advanced security features. Lopez said, "iboss delivers excellent Web security, including the granular application protection we were looking for. The iboss solution is able to block Ultrasurf, Tor, Puffin, Google Images and unwanted Facebook pages without degrading network performance or Internet use." He went on to explain, "We were able to quickly identify and block rogue networks, torrents, malware websites, gaming sites, and video and music streaming sites, allowing us to maximize our bandwidth use for educational purposes, while protecting against threats."

Dreyfous has also benefitted from iboss' selective SSL decryption, because they can now set policies that allow traffic from trusted domains to travel without being decrypted. "These features, which help maintain network availability, are really important when you have so many students using our services," he said. Since managing mobile devices used by students and staff is an important part of the Internet services Dreyfous provides, Lopez was very pleased with iboss' integrated mobile device management and Web security, which will allow them to not only monitor and secure students' online activities, but allows each school to manage the mobile tablets they give to students and staff.

Because CIPA compliance is so important to their services, Lopez was very pleased with iboss Threat and Event Console features, especially since it allows him to delegate some reporting tasks. He explained, "The reporting in the iboss solution provided us with the network visibility we didn't have before to monitor each school's networks. Each school now has a user account to monitor their own bandwidth consumption and students' Internet access, with the ability to create custom reports for administrators, teachers and parents. This gives us a significant advantage over the competition."



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Alexander Lopez
IT Director at Dreyfous

About iboss Cybersecurity

iboss Cybersecurity defends today's large, distributed organizations against targeted cyber threats which lead to data loss, with the iboss next-gen Secure Web Gateway Platform, leveraging innovative cloud architecture and patented advanced threat defense technologies. iboss advanced solutions deliver unparalleled visibility across all inbound/outbound data channels, and include security weapons that reveal blind spots, detect breaches and minimize the consequences of data exfiltration. With leading threat protection and unsurpassed usability, iboss is trusted by thousands of organizations and millions of users. Visit www.iboss.com.