

Solution Brief

*Safer and more
productive schools*

Saasyan Assure unlocks the power of your data to make the invisible become visible

Saasyan develops customer-inspired software. A number of years ago, Saasyan's founder Greg Margossian listened to a school IT manager that wanted a way to easily analyse the huge volume of web access data produced by the school's enterprise-grade firewall. The Saasyan team set about developing a solution to aggregate and visualise this data for the school.

After many iterations, Saasyan developed innovative methods to gather, manipulate and summarise the data as well as presenting it in a easy to navigate web interface. Saasyan and the school's leadership quickly recognised the value that seeing this student web usage data offered to pastoral care, educators and IT management.

Saasyan Assure was born, and today many hundreds of schools rely on Assure to encourage good digital citizenship and protect the wellbeing of their students.



About Saasyan Assure

Assure is a cyber welfare software solution that helps schools to operate more efficiently, enhance student welfare, and improve learning outcomes. We achieve this by unlocking web usage data from best-in-class firewalls and other data sources to help make the invisible become visible.

Enhancing student welfare

Assure enables schools to proactively safeguard the welfare of students by providing teachers, wellbeing professionals, school leaders and IT managers with unparalleled visibility of online activity. The simple to use reporting and alerting system offers actionable insights powered by artificial intelligence and dictionary-based matching that facilitate early intervention in cases of bullying and self-harm. The granular reports and alerts also facilitate timely evidenced-based coaching sessions to guide student web usage.

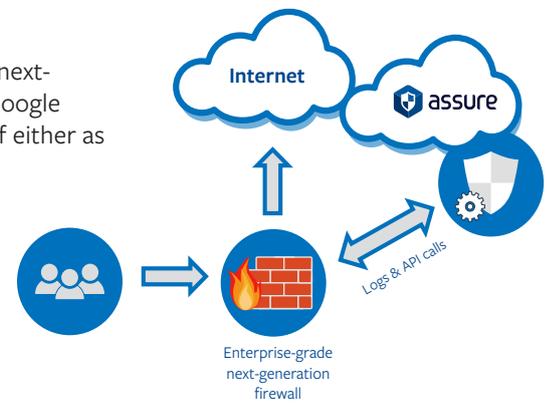
Improving learning outcomes and classroom productivity

Teachers can easily manage web access from their classroom, reclaiming wasted time for both teachers and IT managers. It takes about 10 seconds to create a rule to allow (or deny) web access for a particular student or a whole class or group. This not only reduces the potential learning disruptions associated with inappropriate internet use but also improves student and teacher productivity by ensuring appropriate web resources and content is available as required.

How Assure works

Assure collects existing web usage log file data from the school's enterprise-grade next-generation firewall and optionally from online sources such as Microsoft 365 and Google Workspace. The data is aggregated, analysed and made available to authorised staff either as on-screen reports or via email-based alerts.

Assure is fully cloud-based, so it's scalable and quick to implement. No additional infrastructure is required at the school and Assure has no impact on the performance of the school's firewall or internet connection. Assure complements the school's firewall investment by unlocking its data, providing additional reporting options, and leveraging the firewall's best-in-class category web filtering and threat management systems.



Reports

Assure is designed for ease-of-use by teachers, pastoral care professionals, and other school staff. The ready-to-use reports quickly and simply display the websites and applications the students are accessing and the searches they are performing. The reports offer comparisons of a student's usage relative to their cohort and the data can be easily exported as required. Group-based reporting provides IT managers with insightful web usage information that helps to maximise the school's available internet bandwidth.

'Assure has been a great find for us. It surfaces a lot of very pertinent information we previously were not able to see.'

Greg Anderson , CIO
St Aidan's and St Margaret's

Alerts

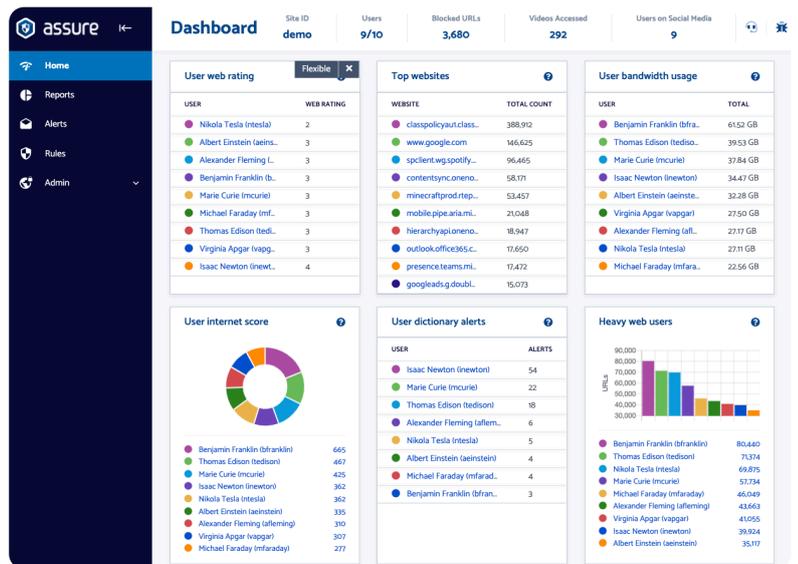
Assure uses artificial intelligence and dictionary-based matching techniques to determine if trigger words and phrases are being used. This includes popular search engines such as Google, Bing and Yahoo and the titles of YouTube or Vimeo videos that have been watched. Chat messages sent using popular social media platforms along with MS Teams or Google Chat are also reviewed. Assure logs all potentially dangerous activity and can be configured to send email alerts when specific trigger words or phrases are used by any student, or by particular at-risk students. The alerts can be sent immediately, or scheduled to arrive as a digest.

Rules

Assure helps to keep students engaged in the classroom by enabling teachers to quickly create rules that allow or deny a specific web page, web categories, or web applications for a class, a student or several specific students. This not only reduces teacher and class wait time, but it also reduces the workload on IT teams. Each rule can be permanent, temporary, or scheduled for specific class periods (e.g., every grade 10 Science class).

Easy-to-use web interface and dashboard

Assure is web-based and includes an intuitive, easy-to-use interface. The dashboard (shown right) provides a single pane of glass view of school web usage and can be easily tailored for various staff roles, parents and students.



Key takeaways

- Enhance student welfare**
Proactive counselling of students enabled by providing real-time actionable insights and alerts like potential cyberbullying incidents.
- Improve learning outcomes**
Evidence-based web usage reports are utilised to guide student use of technology and encourage good digital citizenship.
- Increase efficiency for school leaders and the wellbeing team**
Self-service access to meaningful web usage reports and alerts.
- Productivity gains for IT management and teachers**
Reduced time spent exporting data, developing bespoke reports and creating web access rules.
- Responsible financial management**
Leverage the investment in the school's enterprise-grade next-generation firewall infrastructure.

Contact Saasyan

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