

Student & School Risk Management

Proactively Safeguard Students and Schools with AI-Powered Risk Detection and Academic Integrity Tools

The Challenge

Schools today face unprecedented challenges in safeguarding student well-being and protecting against potential school violence while fostering a safe and productive learning environment. According to a CDC report, nearly 18% of high school students have seriously considered suicide, and one in five reports being bullied. The rise of digital learning further complicates this landscape, exposing students to cyberbullying, harmful content, and misuse of AI tools that can undermine academic integrity.

Additionally, schools are tasked with identifying potential threats that pose a risk to the physical safety of students and staff. However, traditional monitoring tools often fall short, generating excessive false positives or missing nuanced risks altogether. This lack of contextual understanding can delay critical interventions and jeopardize student safety. Administrators need advanced solutions that provide actionable insights without overwhelming staff with irrelevant data.

The Solution

The iboss **Student & School Risk Management** solution is designed to address these challenges head-on by leveraging cutting-edge AI and deep visibility into online activity. Through advanced content analysis, including decrypted HTTPS traffic, iboss identifies risks such as self-harm, bullying, and school threats in real time. With instant alerts and actionable insights within iboss' Security Insights Dashboard, administrators can intervene early to protect students while maintaining focus on fostering a supportive educational environment.

In addition to enhancing safety, the solution helps schools preserve academic integrity by monitoring AI usage to prevent cheating or plagiarism. By distinguishing between beneficial AI use and potential misuse, iboss empowers educators to uphold the value of genuine learning while integrating technology responsibly into the classroom.

1M

Nearly **1 million** violent incidents at U.S. public schools between 2021-22 (including 328 casualties in active shooter incidents)

16%

16% of high school students reported being electronically bullied in 2021-22

86%

86% of students globally are regularly using AI in their studies in 2024

Why iboss?



Comprehensive Student & School Risk Management
Safeguard student well-being and campus security with an enterprise-grade Secure Access Service Edge (SASE) platform tailored for schools.



AI-Driven Threat Detection and Alerts
Leverage advanced AI to identify and alert on self-harm risks, bullying, and threats, enabling timely interventions and safer schools.



Proactive Academic Integrity
Ensure responsible AI use by monitoring for cheating while promoting genuine learning through actionable insights.



Unified Controls:
Continuously monitor student online activity across all school-managed devices, enforcing policies consistently across locations.



Unified Protection:
Utilize AI-driven content analysis to assess risk, detect threats, and enforce appropriate policy actions in real time.



Unified Visibility:
Deliver instant notifications with detailed context to administrators, ensuring quick response and proactive risk mitigation.

Fully Unified + Fully Distributed

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Feature Capability

AI-Powered Self-Harm Risk Reduction

- ▶ Monitor online searches, messages, and activity to detect self-harm risks in real time using AI-driven analysis, enabling schools to recognize warning signs early.

Comprehensive Threat Detection

- ▶ Continuously evaluate online activity, correlating search history, context, and user behavior, to identify and assess potential threats to the school community.

Bullying Indicators Monitoring

- ▶ Analyzes student interactions across digital platforms, including online interactions, searches, and AI chats, to identify bullying behaviors.

AI Misuse Oversight

- ▶ Monitor and flag inappropriate or excessive AI tool usage that may contribute to academic dishonesty. Leveraging AI, iboss monitors AI-related conversations to distinguish beneficial tutoring from overreliance on AI for assignments.

Decrypted HTTPS Analysis

- ▶ Inspect encrypted online interactions beyond simple keyword filtering to provide a more accurate assessment of potential risks.

Customizable Risk Thresholds

- ▶ Enable school administrators to adjust monitoring levels and set custom thresholds based on district policies.

Real-Time Alerts

- ▶ Send alerts to designated staff with contextual details on the nature and source of detected risks.

Incident Reports with Context

- ▶ Compile detailed reports with behavioral context, offering administrators actionable insights.

Feature Benefit

Early Identification & Intervention

- ▶ Provide the necessary insights for timely intervention and student support while leveraging AI to distinguish between genuine risk and typical research queries.

Proactive School Safety Measures

- ▶ Proactively mitigate threats by consolidating relevant data into a single, comprehensive incident event, reducing safety risks and enabling faster response.

Positive School Culture Reinforcement

- ▶ Support school administrators in resolving conflicts and fostering a safer, more inclusive environment by analyzing tone, context, and user history.

Ensure Responsible AI Use

- ▶ Help uphold educational integrity while promoting responsible technology engagement by evaluating AI usage context to prevent false positives and ensure balanced learning integration.

Deep Visibility & Risk Awareness

- ▶ Reduce false positives and enhances security insights to move beyond surface-level scanning by capturing the entire picture of student behavior.

Tailored Safety Policies

- ▶ Ensure the right balance between student safety and privacy.

Instant Risk Notifications

- ▶ Facilitate quick decision-making and rapid response to potential threats.

Data-Driven Decision Making

- ▶ Enhance school safety measures through informed policy enforcement.

Conclusions

- Early Intervention Saves Lives**
Proactively identifying self-harm risks and threats ensures students receive support before incidents escalate, improving overall well-being.
- AI-Driven Insights Enhance Protection**
Leveraging advanced AI enables schools to detect risks more accurately and reduce false positives, leading to more effective safety measures.
- Seamless Integration Simplifies Management**
The iboss SASE platform unifies security policies and monitoring, making it easy for administrators to enforce compliance and respond to risks in real time.

More Information

Additional Resources
[GenAI Risk Module](#)
[Security Insights & Incident Management](#)

Contact Us

The iboss Zero Trust SASE platform delivers comprehensive security and compliance from a single, centralized console. With built-in encryption, seamless policy enforcement, and full alignment with regulations such as CIPA, the platform simplifies management while protecting sensitive data across all devices and locations.

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