

# Skyhigh AI

## The Future of Cloud Security

In a world increasingly shaped by artificial intelligence (AI), elevate your cybersecurity strategy with Skyhigh AI. Skyhigh AI provides best in breed AI-powered SSE solutions to safeguard your data, prevent threats, and ensure compliance, while enabling your organization to embrace AI and foster innovation securely and efficiently.

Skyhigh AI stands as your ultimate defense, ensuring seamless and safe collaboration from any device, anywhere. Elevate your cybersecurity strategy and experience with the transformative power of our cutting-edge solutions. With Skyhigh AI, you're not just keeping up with the future—you're leading it.

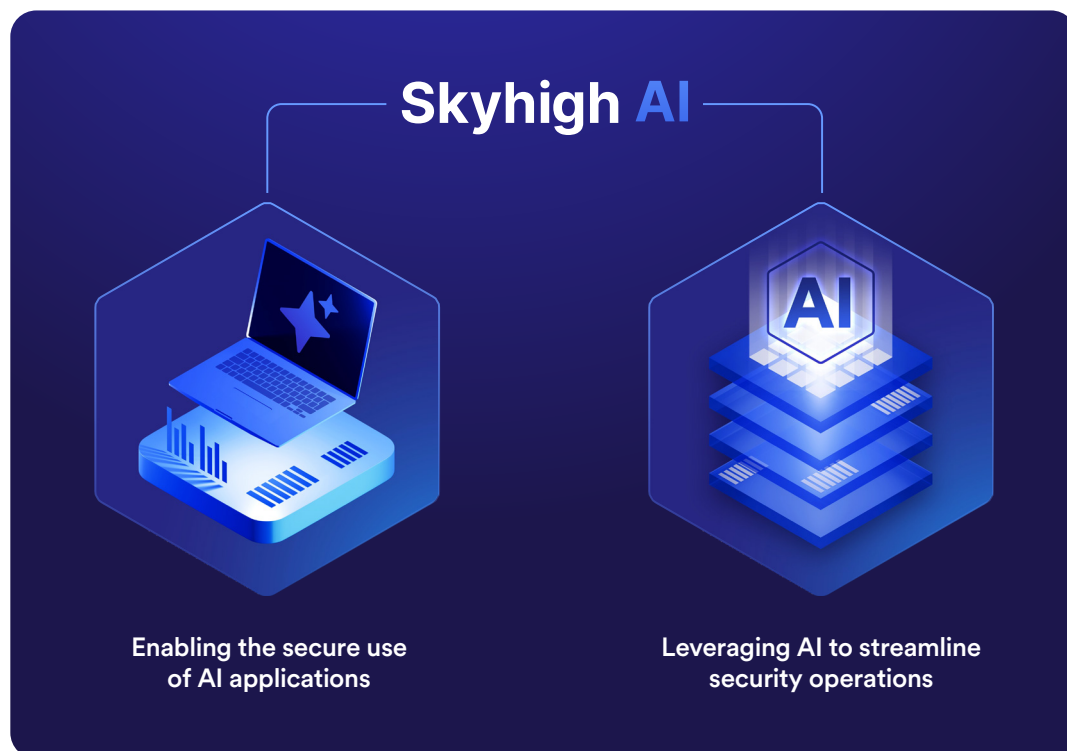




## OVERVIEW

# Skyhigh AI

Skyhigh AI refers to the advanced suite of best in breed AI-powered capabilities in Skyhigh Security's SSE platform that elevates organizations' security posture. Skyhigh AI significantly reduces the risks associated with enterprises' usage of AI applications through increased visibility, improved protection, and compliance adherence, while improving security operations by increasing efficiency, reducing complexity and lowering risk. At Skyhigh Security, our AI capabilities serve two key purposes: safeguarding our customers' use of AI applications and streamlining organizations' security operations by leveraging AI and machine learning (ML).





## Enabling the Secure Use of AI Applications

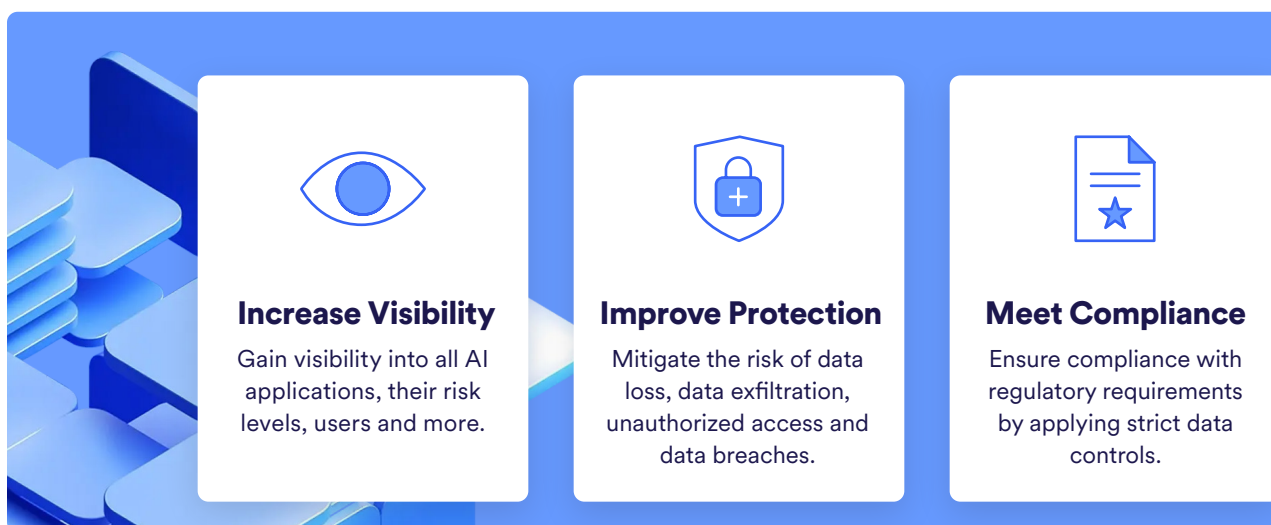
AI applications are revolutionizing the way businesses operate and bring unparalleled opportunities but also significant risks. Skyhigh AI empowers organizations to embrace AI applications with confidence by providing robust security measures to increase visibility, enhance protection, and meet compliance needs. Skyhigh Security helps organizations protect their data, infrastructure, and applications from the risks associated with AI applications usage by increasing visibility, improving protection, and ensuring compliance.

### Gain Comprehensive Visibility Into AI Applications

Skyhigh AI gives you comprehensive visibility into the use of all AI applications being used at your organization. Our platform also provides visibility into the large language model (LLM) attributes of AI applications, empowering businesses to make informed decisions regarding AI usage.

You gain increased protection with the ability to mitigate the risk of data loss, data exfiltration, unauthorized access, and data breaches associated with AI applications. Our advanced AI capabilities secure sensitive data from leaks and unauthorized access while preventing potential exploitation from risky AI applications.

We ensure that you meet regulatory requirements and enforce strict data controls. Skyhigh Security enables businesses to block risky AI applications, protect sensitive data, and foster a culture of compliance and awareness. This ensures AI application usage aligns with industry standards and legal frameworks.



**Increase Visibility**

Gain visibility into all AI applications, their risk levels, users and more.

**Improve Protection**

Mitigate the risk of data loss, data exfiltration, unauthorized access and data breaches.

**Meet Compliance**

Ensure compliance with regulatory requirements by applying strict data controls.



## Capabilities:

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- **Comprehensive AI Application Visibility:**  
We give you the ability to monitor all AI applications in use, regardless of whether they are sanctioned, shadow, or private applications. You get visibility into over 1100 AI applications from the Skyhigh Cloud Registry. Track metrics such as application risk levels, usage, and data flow and understand granular LLM risks for these applications
- **Data Protection & Loss Prevention:**  
Mitigate the risk of data loss, data exfiltration, unauthorized access and data breaches by applying governance-based controls to AI applications. Reduce risk and protect your sensitive data by gaining the ability to block high risk applications, preventing your data from being used for training purposes, enforcing character limits and more.
- **LLM Risk Mitigation:**  
Increase protection and prevent non-compliance by enforcing policies based on LLM risk attributes, such as jailbreaking, toxicity, bias, and malware. Scan AI inputs that feed data to the model to identify threats like harmful queries or potential malware, ensuring responsible AI use and adherence to privacy regulations.
- **Real-Time Coaching:**  
Employees are informed about the risks of AI applications making them better equipped to handle data securely and make informed decisions.



## Benefits:

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- **Improved Risk Management:**  
By understanding which AI apps are in use and their associated risks, businesses can proactively address potential threats.
- **Enhanced Decision Making:**  
Insights into user behavior and data flow enable informed decisions regarding AI app usage.
- **Increased Data Protection:**  
Knowing what data is being uploaded allows for better safeguarding of sensitive information.



- **Data Breach Prevention:**  
Early detection of risky apps and data misuse can prevent costly data breaches and the associated financial penalties.
- **Efficient Resource Allocation:**  
Allocate security resources more effectively by focusing on high-risk areas.
- **Improved Security:**  
Blocking risky apps and controlling user activities prevent unauthorized access and data leaks.
- **Prevent Non-Compliance:**  
Ensure that AI usage complies with company policies and meets regulatory requirements such as GDPR, PCI DSS, HIPAA, etc., and avoid regulatory fines.
- **Operational Efficiency:**  
Streamlined control over AI app usage reduces the chances of disruptive incidents.
- **Reduced Incident Response Costs:**  
Proactive monitoring and control can prevent incidents, reducing the need for costly response measures.



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## Leveraging AI to Streamline Security Operations

Skyhigh Security integrates AI and ML into the SSE platform to help organizations improve their security posture by increasing efficiency and productivity while reducing complexity, risk and cost. AI-driven automation improves SOC efficiency and incident management and reduces alert fatigue. Using AI to handle routine monitoring and alerting tasks frees up security analysts to focus on more strategic and critical tasks.

Skyhigh Security uses machine learning to enhance the detection of advanced malware and anomalous insider behavior before they turn into real threats. The Skyhigh Security SSE platform continuously learns from user behavior and fine-tunes policies, minimizing risks and improving overall security.



## Capabilities:

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- **AI-Based False Positive Detection:**  
Skyhigh AI leverages ML to minimize false positives, significantly reducing the workload of security analysts and frees them up to focus on more critical and strategic tasks.
- **AI-Based DLP Assistant:**  
The AI-Based DLP Assistant enables users to easily and quickly generate and validate complex regular expressions for new or sensitive data types, saving time and eliminating human errors associated with building complex regular expressions.
- **AI-ML Auto Classifiers:**  
Leveraging AI/ML to categorize data across all exfiltration vectors simplifies DLP administration and improves the accuracy of data protection policies.
- **ML-Based UEBA:**  
Detect anomalous behavior to mitigate insider risks using machine learning for enhanced user and entity behavior analytics (UEBA).
- **ML-Enhanced Threat Protection:**  
Strengthen malware detection with machine learning for more accurate threat identification and protection.



## Benefits:

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- **Operational Cost Savings:**  
Reducing unnecessary investigation, response, or remediation actions leads to significant savings in operational costs.
- **Efficiency Gains:**  
Improve SOC efficiencies with AI-based assistants contribute to overall cost reductions by streamlining operations, reducing the need for extensive manual interventions.
- **Risk Minimization:**  
Avoid potential financial losses associated with data breaches or security incidents with the enhanced detection and prevention of threats using AI and ML.
- **Increased Productivity:**  
Leveraging ML to reduce false positives makes security operations more efficient, reduces alert fatigue, improves morale, saves time and improves the overall security posture.
- **Improved Threat Detection and Response:**  
Skyhigh AI's advanced threat detection and response capabilities ensure that issues are addressed quickly and effectively, reducing the potential financial impact of security incidents.
- **Enhanced Data Protection:**  
AI-ML auto classifiers ensure that sensitive data is accurately identified and adequately protected, preventing costly data breaches and compliance violations.
- **Streamlined Compliance Efforts:**  
Automated compliance monitoring and reporting reduces the manual effort and costs required to meet regulatory requirements.

In a rapidly evolving digital landscape, where AI applications bring both immense opportunities and significant challenges, Skyhigh AI helps secure your organization's AI usage and optimize operational efficiency. By providing advanced visibility, enhanced protection, and seamless compliance with regulatory standards, Skyhigh Security empowers businesses to leverage AI with confidence. Our AI-powered capabilities not only mitigate the risks posed by AI applications but also streamline security operations, enabling organizations to stay ahead of emerging threats while enhancing their security posture. With Skyhigh AI, your business can embrace the future of AI securely, efficiently, and with peace of mind.



## About Skyhigh Security

When your sensitive data spans the web, cloud applications, and infrastructure, it's time to rethink your approach to security. Imagine an integrated Security Service Edge solution that controls how data is used, shared, and created, no matter the source. Skyhigh Security empowers organizations to share data in the cloud with anyone, anywhere, from any device without worry. Discover Skyhigh Security, the industry-leading, data-aware cloud security platform.

For more information visit us at [skyhighsecurity.com](https://skyhighsecurity.com)