Harmonic Protect: Browser-Based AI Visibility and Control

Uncover Shadow AI Use and Gain Control

Security teams want to find ways to safely enable Generative AI use while managing the associated data privacy risks.

Product Overview

Harmonic empowers security teams to fully understand how their organization uses GenAI, while safeguarding sensitive data from leaking into GenAI or GenAI-enabled SaaS. Our small language models are specialized for detecting structured and unstructured sensitive data. Harmonic then interacts with the end-user at the point of data loss, helping to avoid sensitive data leaking while coaching end users toward the secure use of AI.

Confidently Adopt GenAI

With Harmonic, security teams can confidently support the secure adoption of Generative AI and stay ahead of emerging compliance requirements. Harmonic is the "easy button" for GenAI data protection. There is no need for complicated regex rules. No need to train on customer data. No drowning in false positives.

Key Features

- **Continuously identify shadow AI,** including employee use of GenAI-enabled SaaS.
- **Prevent sensitive data leakage in GenAI,** including structured and unstructured data types.
- **Improve user awareness,** by coaching users at the point of data loss.
- **Report on secure GenAI adoption,** with Harmonic's built-in insight pages.

Why People Love Harmonic

Catch data you actually care about. Go beyond PII-matching and regex to identify your real crown jewels.

Ditch the labels. Catch and identify sensitive data at the point of data loss, even if it isn't categorized.

Easy to deploy & run. Simply roll out to all browsers within 30 minutes.

Wow end-users. Deliver an experience that will engage end-users, not drive them away.

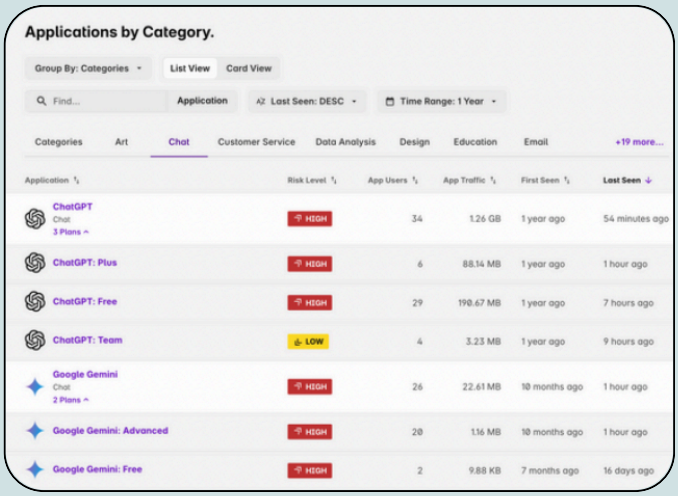
Insights in GenAI Usage

It's a challenge for organizations to gain true visibility into employee AI usage—not just *which* tools are being accessed, but *how* they're being used, what sensitive data is being exposed, and whether subscription plans allow that data to be used for training. This becomes critical as most SaaS tools now embed GenAI capabilities, while a growing number of compliance frameworks demand comprehensive 'AI Asset Inventories.

Strict approaches to ban or limit GenAI are met with resistance by end users, who go to extreme lengths to circumvent controls to get their hands on a variety of tools.

With Harmonic, you can:

- Pinpoint use of Shadow AI and unsanctioned apps;
- Detect high-risk apps training on your data;
- Get prompt-level visibility of *how* AI tools are being used



Harmonic Category Detail Screen

Prevent Sensitive Data Leakage into GenAI

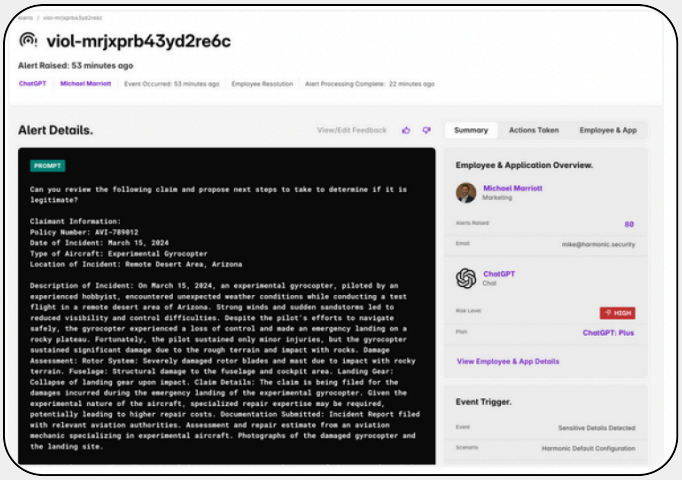
At the core of Harmonic's solution is a suite of small language models. These models can analyze sensitive data in structured, unstructured, and semi-structured datasets.

The models are capable of assessing far greater context than traditional tools, which means they can be far more accurate than writing regular expressions. With the context assessed, the models are capable of making human-like decisions about whether that data should be leaving the business.

These models are trained on Harmonic's unique set of publicly leaked data, which has been cleaned and anonymized. According to an independent analysis by ESG, the models have 96% fewer false positives when compared with traditional, regex-based approaches.

This accuracy and speed of these models enables security teams to engage directly with end users, significantly taking the load off the security team.

The full context of all activities is also available within the Harmonic portal, where we combine activity with context from your identity provider to provide a richer picture of user activity.



Harmonic Alert Detail Screen

Coach Users at the Point of Data Loss

Security teams are realizing that blocking GenAI tools is not enough; employees will use these tools regardless. By enabling end users to use these tools while nudging them against exposing sensitive data, security teams have a way to enable the business' AI use.

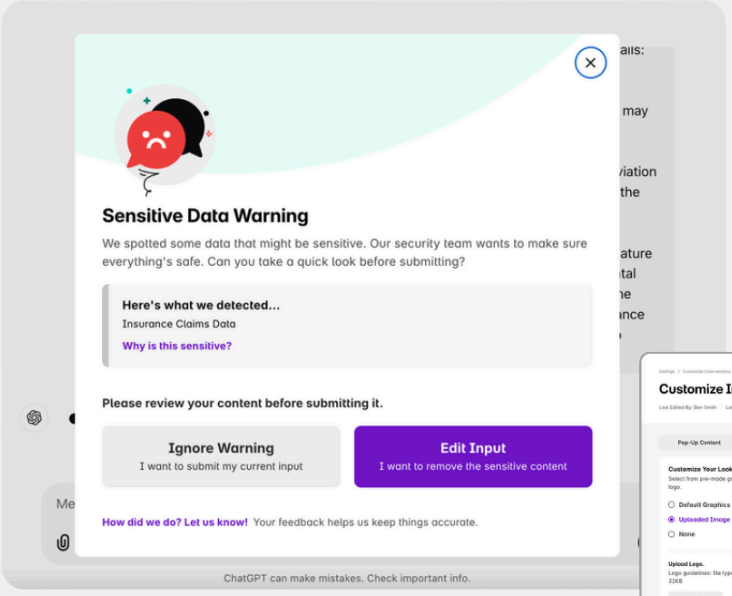
Harmonic's models are exceptionally fast, making accurate assessments within 200 milliseconds. This is 300 times quicker than if you were to use an LLM like ChatGPT.

When we detect sensitive data, we intercept the prompt before it is exposed and give the end user context to understand what is sensitive and how they can remove the sensitive data.

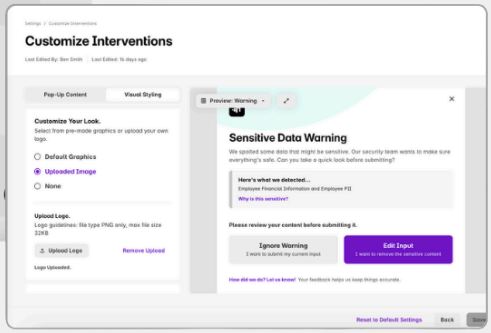
The intervention model is fully customizable in how end users may be nudged:

- Prompt user to edit, block, ignore, or redirect;
- Link to internal policies or documents;
- Define which users can upload sensitive data types to specific GenAI apps;
- Customize text, colors, and logo.

This helps to engage with users where they are at, minimizing friction and encouraging secure adoption of GenAI.



Customizable Model Displayed to End Users



Customize Interventions and Nudges

Why Harmonic?

Harmonic Protect empowers security teams to safeguard sensitive data without the need for extensive data labeling or complex rule-setting.

Your data in your hands
Our models do not need to store or train on client data. Instead, we use our unique sets of public, anonymized data.

Recognized for innovation
Harmonic was named Gartner Cool Vendor and RSA Innovation Sandbox finalist.

Scale the security team
Minimal false positives and end-user coaching minimize security team effort with our “zero-touch” approach.

While we did understand what people were using — because we had that visibility — we didn't know how they were using it, and the data leakage was definitely a big one. ...

That's when we went looking for outside help. ... It's literally hours to seconds. If we deploy a tool and it's covered by Harmonic, we have insight right away.

Mike Janielis Principal Information Security Architect Advisor360

Getting Started with Harmonic

Getting started with Harmonic is quick and easy. Simply install the Harmonic browser extension to start gaining insights in GenAI usage and secure your sensitive data.

Within 30 minutes, the extension may be rolled out to your entire organization with Group Policy Object (GPO), Microsoft Intune, JAMF, or Kandji.

Get Started >

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As every employee adopts AI in their work, organizations need control and visibility. Harmonic delivers AI Governance and Control (AIGC), the intelligent control layer that secures and enables the AI-First workforce. By understanding user intent and data context in real time, Harmonic gives security leaders all they need to help their companies innovate at pace.