### zoom

# Al Companion Security and Privacy

This whitepaper describes Zoom Al Companion's security and privacy features as of the date of publication and not other Al products or services offered by Zoom. In our continuing commitment to empowering productivity — while keeping security and privacy at the core of our products — the features described in this paper may evolve. Al Companion features for Zoom Contact Center are not included in the whitepaper at this time.

**WHITEPAPER** 



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#### **Zoom AI Companion**

Zoom Al Companion, Zoom's generative Al assistant, empowers individuals by helping them be more productive, connect and collaborate with teammates, and improve their skills. Zoom Al Companion is a set of generative Al features that can be enabled across the Zoom platform.

Zoom's unique federated approach to generative AI is designed to deliver high-quality results by dynamically incorporating Zoom's artificial intelligence models as well as third-party artificial intelligence models provided by subprocessors, such as OpenAI and Anthropic. With this approach, AI Companion can incorporate innovations in artificial intelligence models while providing users with the benefits of improved quality and performance.

## Our Commitment to Responsible AI

Zoom is committed to developing AI responsibly, with security and privacy at the core of the generative AI capabilities it provides to its customers, just as they are across the Zoom platform. Zoom recognizes that generative AI presents an evolving set of risk considerations for its customers, and the company is committed to prioritizing transparency and customer choice as it brings generative AI features to market.

In line with these commitments, Zoom has announced that it does not use any customer audio, video, chat, screen sharing, attachments, or other communications-like customer content (such as poll results, whiteboard, and reactions) to train Zoom's or its third-party artificial intelligence models.

Zoom provides controls at the account, group, and user levels, allowing administrators to select which AI Companion features or capabilities they wish to enable for specific Zoom product offerings and which users have access. For example, for Zoom Meetings, administrators can enable the AI Companion features at the account level and meeting hosts can choose whether to activate them for specific meetings. To provide transparency, meeting participants will see an in-product notification describing the generative AI Companion capabilities that are activated for that meeting.

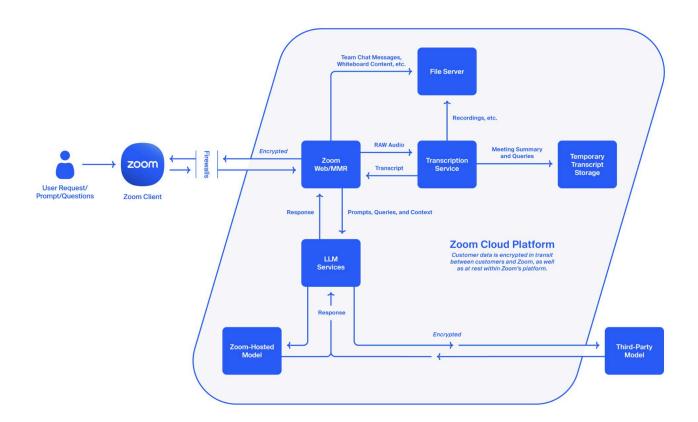


#### Data Flow and Transmission to Third Parties

#### **Data Flow**

Data used by Al Companion is sent from the user to Zoom-hosted and/or third-party generative artificial intelligence models. Customer data in transit is encrypted between customers and Zoom, between Zoom services, and any third-party models. Customer data is also encrypted at rest within Zoom's platform.

The following diagram is an example of the general flow through Zoom systems and, where relevant, to third-party models:



#### **Third-Party Subprocessors**

As part of Zoom's federated approach to AI, artificial intelligence models from third parties, such as Anthropic and OpenAI, may be used for certain AI Companion features alongside Zoom's artificial intelligence models to provide high-quality results.

Zoom requires its subprocessors to satisfy obligations equivalent to those outlined in Zoom's Data Processing Agreement. Zoom's subprocessors are subject to security assessments on at least an annual basis as part of Zoom's third-party risk management program. Zoom's third-party risk management controls are assessed by independent audit firms in many of its security certifications and attestations, which are available to customers on Zoom's Trust Center.



#### Data Processing, Storage, and Retention

#### \* IMPORTANT NOTE

Zoom offers a Zoom-hosted Models Only (ZMO) option, which means that data will not be sent to third-party models for processing.

To enable this feature please reach out to your account team or log a support ticket.

#### \* IMPORTANT NOTE

Zoom offers a Zero Data Retention (ZDR) option for the temporary transcript used to provide a Meeting Summary. When enabled, this temporary transcript will be deleted immediately after the summary is created. If a summary fails to be created it will be retained for up to 24 hours to allow for retries.

To enable this feature please reach out to your account team or log a support ticket.

#### **Data Usage**

Zoom does not use any customer audio, video, chat, screen sharing, attachments, or other communications-like customer content (such as poll results, whiteboard, and reactions) to train Zoom's or its third-party artificial intelligence models.

Zoom Al Companion features must use certain content to provide the service.

#### **Data Access**

Consistent with Zoom's <u>Privacy Statement</u>, Zoom employees may not access or use customer content, including meeting, webinar, messaging, or email content (specifically, audio, video, files, in-meeting whiteboards, messaging, or email content), any content generated or shared as part of other collaborative features (such as out-of-meeting whiteboards), or content generated by Al Companion, unless authorized by the account owner or administrator of the account hosting the Zoom product or service where the customer content was generated, or as required for legal, safety, or security reasons.

#### **Model Usage and Processing**

Zoom's federated approach to AI utilizes multiple models to provide its AI Companion features. Below is a summary of the models used for AI Companion. AI Companion strategically leverages these models to provide high-quality results in response to users' interactions with Zoom's product.

- Zoom-hosted models\*
- Anthropic models (e.g., Claude Instant, Claude 3)
- OpenAl models (e.g., GPT-4, DALL-E 3)

#### **Model Provider Data Storage and Retention**

In general, Zoom stores and retains customer content and personal data for as long as required to engage in the uses described in its <u>Privacy Statement</u>, unless a longer retention period is required by applicable law.

After providing the Al Companion service, Zoom may retain the customer content (see tables below) for up to 30 days for support and debugging purposes\* unless a longer retention period is required by applicable law, including for trust and safety purposes. In the context of data retention and processing, "trust and safety purposes" refers to measures taken to protect the safety and integrity of a service and its users. This involves retaining certain data for a period of time to help prevent abuse and misuse. Additional information on Zoom's Trust and Safety processes may be found in Zoom's Safety Center. In addition, certain outputs may be stored in accordance with the customer's retention settings or policies, as described under "Customer Data Storage and Retention" and in the tables below.

If the Al Companion feature relies on a third-party artificial intelligence model, pursuant to Zoom's contracts, the third-party model provider may retain the content used to provide the service for trust and safety purposes, within the U.S., for up to 30 days, unless a longer retention period is required by applicable law.



#### **Customer Data Storage and Retention**

Customers may choose Zoom's storage location for some of the Al Companion outputs for their account. These settings differ based on the feature in use, and many align with existing retention policies of the related Zoom product.

## Al Companion Features

Below is a summary of each AI Companion feature as of the date of this whitepaper. This includes the content used or generated by the feature, where the model provider processes and stores the content, and if applicable, the customer storage location and relevant retention settings and policies that apply in addition to the model provider's 30-day retention period.

#### **Meetings**

Al Companion Feature	Content Used or Generated	Model Provider - Data Processing/Storage Location	Customer Storage Location (if applicable)	Customer Retention Controls and Additional Information (if applicable)
Smart Recordings Review cloud recordings faster through	Cloud recording (input)	Zoom - Meeting host's content storage location  OpenAI - US Anthropic - US	Meeting host's content storage location.	Follows meeting host's configured cloud recording retention settings.
highlights, smart chapters, summaries, next steps, and more.	Audio transcript (input)			
Zoom-hosted Models Only (ZMO) Eligible  Minimum Recommended Client Version: 5.16.5	Recording highlights, smart chapters, next steps, meeting coach metrics (output)			



#### **Meetings - Continued**

Al Companion Feature	Content Used or Generated	Model Provider - Data Processing/Storage Location	Customer Storage Location (if applicable)	Customer Retention Controls and Additional Information (if applicable)
Meeting summary  Generate a summary and next steps of what was discussed in your meeting and share through email and Team	Audio transcript (input)  Zero Data Retention (ZDR) Eligible	Zoom - Meeting host's <u>"live transcript" location</u> OpenAI - US Anthropic - US		
Chat.  Transcription begins once the meeting summary feature is activated by the meeting host.  Zoom-hosted Models Only (ZMO) Eligible  Minimum Recommended Client Version: 5.14.2	Meeting summary (output)	Zoom - Meeting host's content storage location  OpenAI - US Anthropic - US	Meeting host's content storage location	Summaries are stored in the web portal in accordance with the account, group, and/or user retention settings.  Summaries shared within the continuous meeting chat are stored in accordance with the customer's Zoom Team Chat retention settings.  Admins and users can choose whether the full text of a meeting summary or just a link to the summary is shared via email. This can be managed at the account, group, and user level.  Emails are stored in accordance with the customer's retention settings with the email provider.*
Meeting questions  Quickly catch up and get clarity on what you missed before you joined a meeting without	Audio transcript (input)	Zoom - Meeting host's <u>"live transcript" location</u> OpenAI - US Anthropic - US		
interrupting it.  Transcription begins once the	Question (input)	Zoom - Meeting host's content storage location  OpenAI - US		
meeting questions feature is activated by the meeting host.  Minimum Recommended Client Version: 5.15.12	Answer (output)	Anthropic - US		

<sup>\*</sup>Zoom uses Twilio Sendgrid as its email provider to deliver the **meeting summary** or link to the meeting summary (depending on the customer's settings). Twilio Sendgrid uses a process that takes random content samples of emails and retains the information for 7 days for anti-fraud purposes and troubleshooting.



#### **Email and Calendar**

Al Companion Feature	Content Used or Generated	Model Provider - Data Processing/Storage Location	Customer Storage Location (if applicable)	Customer Retention Controls and Additional Information (if applicable)
Email compose  Compose and reply to emails faster using Al to draft your message based	User prompt (input)	Zoom - Customer's provisioned data center  OpenAI - US Anthropic - US		
on user prompts.  Minimum Recommended Client Version: 5.15.0	Email draft (output)		Customer Email Provider	Emails are stored in accordance with the customer's retention settings with the email provider.

#### **Team Chat**

Al Companion Feature	Content Used or Generated	Model Provider - Data Processing/Storage Location	Customer Storage Location (if applicable)	Customer Retention Controls and Additional Information (if applicable)
messages based on conversational	Chat message text for the selected chat thread (input)	Zoom - Customer's provisioned data center  OpenAI - US Anthropic - US		
	Chat participant names (input)			
	User prompt (input)			
	Message draft (output)		Customer's provisioned data center	If the output is posted to the chat, the chat message is stored in accordance with the customer's Zoom Team Chat retention settings.



#### **Team Chat - Continued**

Al Companion Feature	Content Used or Generated	Model Provider - Data Processing/Storage Location	Customer Storage Location (if applicable)	Customer Retention Controls and Additional Information (if applicable)
Thread Summary Quickly summarize the content of long Team Chat threads.	Chat message text for the selected chat thread (input)	Zoom - Customer's provisioned data center OpenAI - US Anthropic - US		
Zoom-hosted Models Only (ZMO) Eligible	Chat participant names (input)			
Recommended Client Version: 5.16.0	Thread summary (output)			
Quick Scheduling Automated recommendations to schedule meetings based	Chat message text, participant names and emails (input)	Zoom - Customer's provisioned data center OpenAI - US Anthropic - US		
meetings based on conversational context.  Minimum Recommended Client Version: 5.16.10	Schedule suggestion (output)		Customer Calendar Provider	If the suggestion is used to schedule a meeting, the scheduled meeting will be subject to the customer's calendar provider's retention policies.
Sentence Completion Automated recommendations to quickly complete	Chat message text (input)	Zoom - Customer's provisioned data center OpenAI - US Anthropic - US		
messages in real time as you type.  Minimum Recommended Client Version: 5.17.0	Message draft (output)		Customer's provisioned data center	If the output is posted to the chat, the chat message is stored in accordance with the customer's Zoom Team Chat retention settings.



#### Whiteboard

Al Companion Feature	Content Used or Generated	Model Provider - Data Processing/Storage Location	Customer Storage Location (if applicable)	Customer Retention Controls and Additional Information (if applicable)
Content generation Generate ideas and mind maps,	Whiteboard content (input)	Zoom - User's content storage location  OpenAl - US - Anthropic - US		
refine and extend existing content, and add objects to a canvas.	User prompt (input)			
Minimum Recommended Client Version: 5.16.0	Whiteboard content (output)		User's content storage location	If the output is posted to the whiteboard, the whiteboard content is stored in accordance with the customer's Whiteboard retention settings.

#### **Phone**

Al Companion Feature	Content Used or Generated	Model Provider - Data Processing/Storage Location	Customer Storage Location (if applicable)	Customer Retention Controls and Additional Information (if applicable)
Post call summary and next steps	Audio transcript (input)	Zoom - US OpenAI - US Anthropic - US		
Ability to request a post call summary when using Al				
Companion with a recorded phone conversation.	Call summary (output)		US	Summaries are stored until deleted by the user or account administrator, or
Zoom-hosted Models Only (ZMO) Eligible				until the user or customer account is terminated.
Minimum Recommended Client Version: 5.17.0				



#### **Phone - Continued**

Al Companion Feature	Content Used or Generated	Model Provider - Data Processing/Storage Location	Customer Storage Location (if applicable)	Customer Retention Controls and Additional Information (if applicable)
Voicemail tasks Ability to extract key action items and tasks from voicemails without listening to the voicemail	Audio transcript (input)	Zoom - US OpenAI - US Anthropic - US		
	Voicemail task (output)		US	Follows the site's configured voicemail retention policy.
Voicemail prioritization Get a list of the highest priority	Audio transcript (input)	Zoom - US OpenAI - US Anthropic - US		
voicemails based on the content of the recording.  Minimum	User priority labels (input)			
Recommended Client Version: 5.17.5	Voicemail priority (output)		US	Follows the site's configured voicemail retention policy.
Team SMS thread summary Receive a summary of a team SMS chat	SMS message content (input)	Zoom - US OpenAI - US Anthropic - US		
Zoom-hosted Models Only (ZMO) Eligible	SMS participant names (input)			
Minimum Recommended Client Version: 5.16.5	Thread summary (output)			



#### **Events**

Al Companion Feature	Content Used or Generated	Model Provider - Data Processing/Storage Location	Customer Storage Location (if applicable)	Customer Retention Controls and Additional Information (if applicable)
Chat compose  Draft chat messages based on conversational context and user	Chat message text for the selected chat thread (input)	Zoom - Customer's provisioned data center  OpenAI - US Anthropic - US		
prompts, and customize tone and length of drafted chat messages.	Chat participant names (input)			
Minimum Recommended Client Version: N/A	User prompt (input)			
	Message draft (output)		Customer's provisioned data center	Messages posted during an event are only accessible while the event is live.
Email compose Compose emails faster using AI to draft your message based on user prompts.  Minimum Recommended Client Version: N/A	User prompt (input)	Zoom - Customer's provisioned data center  OpenAI - US Anthropic - US		
	Email draft (output)		Customer's provisioned data center	Emails sent are stored in accordance with the customer's retention settings with their email provider.
Smart compose Create compelling event content when	User prompt (input)	Zoom - Customer's provisioned data center OpenAI - US Anthropic - US		
setting up an event, including event and session descriptions, speaker bios, lobby announcements, and more.	Event content (output)		Customer's provisioned data center	Event content will be publicly available in accordance with the customer's configuration of Zoom Events settings, for up to two years.
Minimum Recommended Client Version: N/A				



#### **Events - Continued**

Al Companion Feature	Content Used or Generated	Model Provider - Data Processing/Storage Location	Customer Storage Location (if applicable)	Customer Retention Controls and Additional Information (if applicable)
Image Generation	User prompt (input)	Zoom - Customer's provisioned data center		
Event hosts can save on resources by		OpenAI - US Anthropic - US		
using Al Companion to generate images for emails, the event page, or in- event content.	Image (output)	Antinopie de	Customer's provisioned data center	Event content will be publicly available in accordance with the customer's configuration of Zoom Events settings, for up to two years.
Minimum Recommended Client Version: N/A				



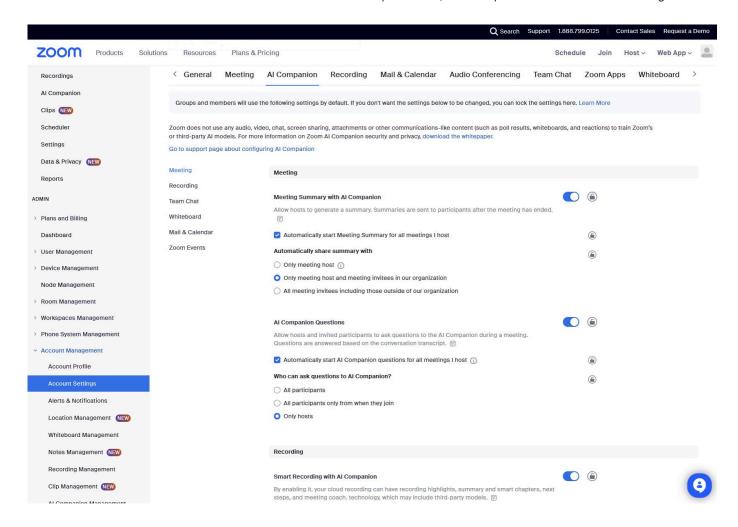
## Putting You In Control of AI Companion Capabilities

Zoom is committed to providing transparency and choice when it comes to enabling and using Al Companion features. Account administrators and users are provided with controls for Al Companion features. Zoom is continually working to enhance its platform and educate users on new features. Currently, users will see certain in-product notifications, which may be updated over time.

#### **Account Administrator Controls**

Zoom AI Companion is off by default for all accounts. Account owners and administrators control whether to enable the AI Companion features for their accounts.

Administrators may enable or disable features for their entire account within the account settings page in the Admin Portal. For some features that are managed outside of the AI Companion tab, links are provided to the relevant settings.

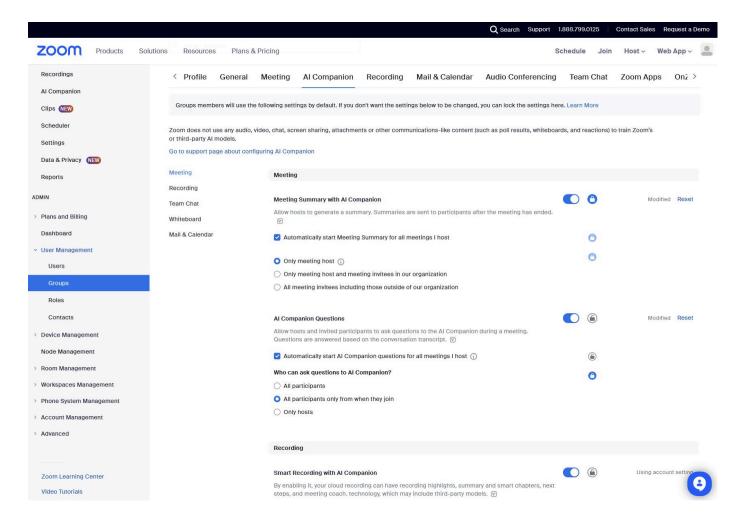




#### **Group Controls**

Account owners and admins can control which groups receive certain Al Companion features. Select features may be enabled or disabled, and the ability to turn features on or off may be locked. Users belonging to the group will have their feature access dictated by account administrator selections. If enabled by the account administrator at the group level, users may enable or disable features for themselves at the individual user level.

Note: Group-level controls are available for Zoom Meetings, Team Chat, Whiteboard, and Mail and Calendar features.

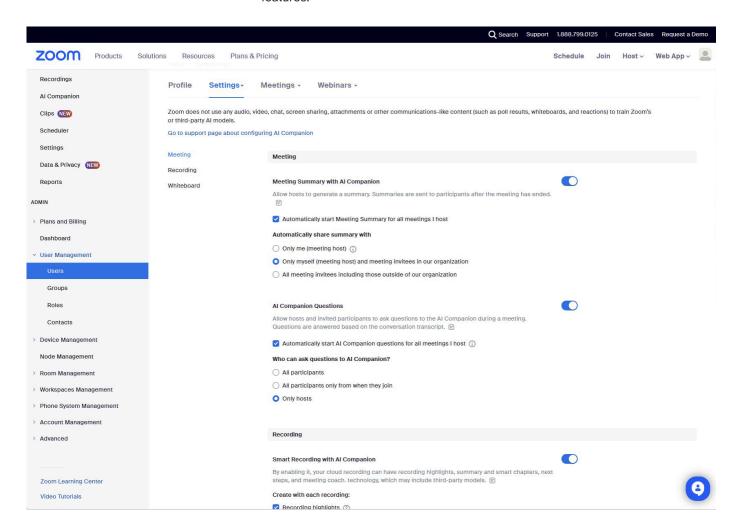




#### **User and In-Meeting Controls**

Account owners and administrators control whether to enable Zoom Al Companion for their accounts. For features with user-level controls, Zoom provides users with control and visibility into their Al Companion features' settings. Users may see if their administrators have enabled or disabled Al Companion features. If allowed by the account administrator for features with user-level controls, users can enable or disable Al Companion features for their own use. If the administrator has locked the setting at the account or group level, the user cannot change the setting.

Note: User-level controls are available for Zoom Meetings and Whiteboard features.



Meeting hosts may enable or disable Al Companion features in meetings. Participants may also request that the host enable these features in-meeting by clicking the respective Al Companion icon if the admin has enabled the option for the icon to be visible in the Meetings toolbar. Currently, when meeting participants join a meeting using Zoom Client version 5.15.12 or later, they will receive a notification if Al Companion features are activated for that meeting.



Starting with Zoom Client version 6.0.0, meeting hosts have a one-click option to turn off all Al Companion features in a meeting. This includes an option to delete the Al Companion meeting assets, for example, if the feature was enabled in error or where the host no longer requires the summary. Participants will also be able to send a request to the host to disable Al Companion during the meeting.

#### Site level Settings (Zoom Phone Only)

Account owners and administrators can manage which sites have access to AI Companion features for Zoom Phone. Zoom Phone features may be enabled or disabled, and the ability to turn features on or off may be locked within the Policy section of the site. Site policies sit between Group and User level settings within the setting hierarchy. Site level phone policies are not applied to users that are members of one or more User Groups with activated Zoom Phone policies. Additional information on how to manage Sites for your account can be found in the "Changing Zoom Phone policy settings" support article.

#### **Data Protection**

Customer data, including customer content, is encrypted in transit between customers and Zoom, where supported by the user's connection method and as stated in Zoom's support articles, between Zoom services, and between Zoom and its third-party subprocessors, including its third-party AI model providers (e.g., OpenAI and Anthropic), using Transport Layer Security (TLS) 1.2 or AES 256-bit GCM. Customer data, including customer content, that is either generated by or used to provide the AI Companion features, is encrypted at rest using a minimum Advanced Encryption Standard (AES) 256-bit encryption. Customers may supply their own encryption key for content stored by Zoom if they use Zoom Customer Managed Key (CMK).

Zoom's access to customer data and content used to provide the Al Companion features is role-based and restricted based on least privilege, in accordance with Zoom's access control policies and standards. Controls are in place to prevent Zoom employees from accessing customer content, including meeting, webinar, chat, or email content (specifically, audio, video, files, in-meeting whiteboards, messaging, or email content), or any content generated or shared as part of other collaborative features (such as out-of-meeting whiteboards), unless authorized by the account owner or administrator of the account hosting the Zoom product or service where the customer content was generated, or as required for legal, safety, or security reasons. Zoom's access to customer data and content is logged and monitored for suspicious activity or unauthorized access. Zoom's data access controls are assessed by independent audit firms where indicated in our security certifications and attestations, which are available to our customers on Zoom's Trust Center.



## Secure Development of Generative Al Features

Zoom's secure software development lifecycle (SDLC) is a set of practices and processes designed to integrate security into each phase of the software development lifecycle. Zoom's secure software development controls are assessed by independent audit firms as indicated in Zoom's security certifications and attestations, which are available to customers on Zoom's Trust Center. Zoom AI Companion features follow Zoom's standard secure SDLC process, which includes the following:

#### **Design Review**

Zoom's Engineering Security team is engaged during the design phase when a feature is being conceptualized so that key security controls can be built into the requirements. Security design reviews, which include threat analysis, are performed to identify potential threats and mitigations. Zoom maintains vulnerability remediation standards governing the remediation or mitigation of security vulnerabilities identified during the security design review.

#### **Code Review**

Peer code reviews are a key element of Zoom's secure software development lifecycle and are enforced in Zoom's software development platform. In addition to peer code reviews, high-risk areas identified during the security design review require secure code reviews.

#### **Static Analysis Testing**

Zoom utilizes static analysis security testing (SAST) tools to scan its source code for coding errors and common security vulnerabilities, including Open Web Application Security Project's (OWASP) Top 10 and National Vulnerability Database (NVD). Zoom maintains vulnerability remediation standards governing the remediation or mitigation of security vulnerabilities identified through static analysis testing.

#### **Dynamic Analysis Testing**

Zoom utilizes dynamic analysis security testing (DAST) tools to identify common security vulnerabilities, including OWASP's Top 10 and NVD. Zoom maintains vulnerability remediation standards governing the remediation or mitigation of security vulnerabilities identified through dynamic analysis testing.

#### **Third-Party Code Reviews**

Where open source software (OSS) is used, the OSS package must undergo Zoom's third-party code review process, which includes a set of OSS evaluation criteria and scanning for common security vulnerabilities. Zoom maintains vulnerability remediation standards governing the remediation or mitigation of security vulnerabilities identified through third-party OSS scanning tools.



#### **Deployment**

Security approval is required for the deployment of new products and features, including Al Companion features. Zoom has a dedicated Release Security Assurance function responsible for scanning Zoom client builds prior to release. The final Zoom client build scans are designed to identify potential vulnerabilities or malicious content, and the build is digitally signed to maintain its integrity and authenticity.

## Generative AI Model Security

In addition to the steps outlined in Zoom's secure SDLC above, models hosted by Zoom are subject to security reviews to assess security threats specific to generative AI models. The generative AI model review includes commonly known LLM model vulnerabilities, in line with OWASP's Top 10 for LLMs and other secure AI frameworks. Vulnerabilities identified in the generative AI security reviews must be remediated in accordance with Zoom's vulnerability remediation standards.

Zoom's third-party subprocessors are subject to security assessments on at least an annual basis as part of Zoom's third-party risk management program. Zoom's third-party risk management controls are assessed by independent audit firms as indicated in Zoom's security certifications and attestations, which are available to customers on Zoom's Trust Center.

#### **Security Assessments**

Zoom has a dedicated offensive security team that performs ongoing vulnerability research and red team exercises across Zoom's platform, including for Zoom Al Companion features. In addition to Zoom's dedicated offensive security team, penetration tests are performed by an independent third party on at least an annual basis.

## Vulnerability Disclosure Program

Zoom believes that the independent security research community can provide key contributions to the security of Zoom's products. Zoom maintains a <a href="https://www.vulnerability.disclosure.program">wulnerability disclosure.program</a> as well as a Bug Bounty program through HackerOne that incentivizes security researchers to responsibly report potential security vulnerabilities so Zoom can fix them and keep its users safe.

## Al Companion Compliance

Zoom's AI Companion features adhere to the same security and compliance requirements as the primary Zoom products within which they are incorporated. AI Companion is ISO 27001, ISO 27701, and ISO 27017/18 certified and is also included within the scope of Zoom's SOC 2 report, available on Zoom's Trust Center.



#### Changelog

Version	Published on	Change Type	Change
v. 4.0	April/17/2024	Add	Added Sections: Zoom Phone AI Companion Features. Site level Settings (Zoom Phone Only)
v. 4.0	April/17/2024	Updated	Al Companion Features Table: Added information around minimum versions, ZMO and ZDR, Meeting summary retention settings, Twilio SendGrid information, and added Zoom Team Chat Sentence completion.  User and In-Meeting Controls: Added information on the new shut off capabilities.  Al Companion Compliance: Added information around certifications.
v. 3.0	Mar/13/2024	Add	Added Sections: Model Usage and Processing, Model Provider Data Storage and Retention, Customer Data Storage and Retention
v. 3.0	Mar/13/2024	Updated	Al Companion Features Table: Updated column headings and format, added Team Chat Quick Scheduling, added Zoom Events Smart Compose, and added Mindmaps to Whiteboard Content Generation.  Putting You In Control of Al Companion Capabilities: Updated Images  Data Protection: Added reference to Customer Manager Keys  Global: General typographical and clarification updates.

