

Video conferencing apps - Privacy and security measures

FUNCTIONALITIES

PRIVACY AND SECURITY

APPLICATION	Chat	Audio calls	Video calls (one-to-one)	File sharing	Group calls	Screen sharing	SUPPORTED PLATFORM	How is it secured?	Does it allow for an additional security measure to protect the account?	Security measures for group calls	Privacy policy	
	✓	✓	✓	✓	Yes (up to 50 users)	✗		Windows, MacOS, iOS, Android	End-to-end encryption (to be manually enabled per message) ✓	Two-step verification	✗	
Facebook Messenger	✓	✓	✓	✓	Yes (up to 50 users)	✗	Windows, MacOS, iOS, Android	End-to-end encryption (to be manually enabled per message) ✓	Two-step verification	✗	To be consulted	
FaceTime	✓	✓	✓	✗	Yes (up to 32 people)	✗	MacOS, iOS	End-to-end encryption ✓	Two-step verification	✗	To be consulted	
Google Duo	✗	✓	✓	✗	Yes (up to 12 people)	✗	Android, iOS, Web	End-to-end encryption ✓	✗	Invitation based	To be consulted	
Google Hangouts	✓	✓	✓	✓	Yes (video calls up to 10 people)	Yes (from web browser)	Android, iOS, Web	TLS encryption between client and server !	✗	Invitation based	To be consulted	
Jitsi Meet	Yes, in incoming calls	✓	✓	✓	Yes (no participants limit)	✓	Windows, MacOS, Linux, iOS, Android	TLS encryption between client and server !	✗	Invitation based	To be consulted	
Line	✓	✓	✓	✓	Yes (video calls up to 200 people, group chat up to 499 people)	✓	iOS, Android, Windows, MacOS	End-to-end encryption (to be activated) ✓	✗	Invitation based	To be consulted	
Signal	✓	✓	✓	✗	No (no group video calls allowed, group chat without users limit)	✗	Windows, MacOS, Linux, iOS, Android	End-to-end encryption ✓	Screen lock	✗	To be consulted	
Skype	✓	✓	✓	✓	Yes (up to 50 users)	✓	Windows, MacOS, iOS, Android, Web	End-to-end encryption while on "Private chat" ✓	Two-step verification	Invitation based	To be consulted	
Telegram	✓	✓	✗	✓	No (group chat up to 200.000 people)	✗	Windows, MacOS, Linux, iOS, Android	End-to-end encryption while on "New secret chat" ✓	Two-step verification and passcode	✗	To be consulted	
Viber	✓	✓	✓	✓	Yes (video calls up to 20 people, group chat up to 250 people and communities up to 10.000 people)	✗	Windows, MacOS, Linux, iOS, Android	End-to-end encryption ✓	Screen lock	Managed by the group admin	To be consulted	
WeChat	✓	✓	✓	✓	Yes (video calls up to 9 people, group chat up to 500 people)	✗	Windows, MacOS, iOS, Android, Web	TLS encryption between client and server !	✗	✗	To be consulted	
WhatsApp	✓	✓	✓	✓	Yes (video calls up to 8 people, group chat up to 256 people)	✗	Windows, MacOS, iOS, Android, Web	End-to-end encryption ✓	Two-step verification	Managed by the group admin	To be consulted	
Zoom	Yes, in incoming calls	✓	✓	✗	Yes (up to 100 users and 40 minutes)	✓	Windows, MacOS, Linux, iOS, Android, Web	TLS encryption between client and server !	✗	Invitation based or with password	To be consulted	



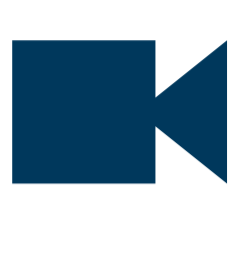
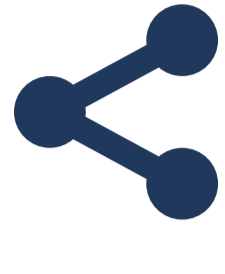


This information has been extracted from the free version of the applications on 15 April 2020. From this date onwards or in premium versions, different functionalities and privacy and security measures may apply. No guarantee is offered on the accuracy, completeness or timeliness of the information displayed. This overview is offered for general information purposes only and should not be considered as professional advice. It is provided "as is", without being tailored to individual situations. The reference to specific applications and platforms does not imply endorsement of the products or services contained in them.



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FaceTime	✓	✓	✓	✗	Yes (up to 32 people)	✗
Google Duo	✗	✓	✓	✗	Yes (up to 12 people)	✗
Google Hangouts	✓	✓	✓	✓	Yes (video calls up to 10 people)	Yes (from web browser)
Jitsi Meet	Yes, in incoming calls	✓	✓	✓	Yes (no participants limit)	✓
Line	✓	✓	✓	✓	Yes (video calls up to 200 people, group chat up to 499 people)	✓
Signal	✓	✓	✓	✗	No (no group video calls allowed, group chat without users limit)	✗
Skype	✓	✓	✓	✓	Yes (up to 50 users)	✓
Telegram	✓	✓	✗	✓	No (group chat up to 200.000 people)	✗
Viber	✓	✓	✓	✓	Yes (video calls up to 20 people, group chat up to 250 people and communities up to 10.000 people)	✗
WeChat	✓	✓	✓	✓	Yes (video calls up to 9 people, group chat up to 500 people)	✗
WhatsApp	✓	✓	✓	✓	Yes (video calls up to 8 people, group chat up to 256 people)	✗
Zoom	Yes, in incoming calls	✓	✓	✗	Yes (up to 100 users and 40 minutes)	✓



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SUPPORTED PLATFORM	How is it secured?	Does it allow for an additional security measure to protect the account?	Security measures for group calls	Privacy policy	
	End-to-end encryption (to be manually enabled per message)	Two-step verification	X	To be consulted	Facebook
Windows, MacOS, iOS, Android	End-to-end encryption	Two-step verification	X	To be consulted	Zoom
MacOS, iOS	End-to-end encryption	X	Invitation based	To be consulted	Microsoft Teams
Android, iOS, Web	TLS encryption between client and server	X	Invitation based	To be consulted	Google Meet
Windows, MacOS, Linux, iOS, Android	TLS encryption between client and server	X	Invitation based	To be consulted	Skype
iOS, Android, Windows, MacOS	End-to-end encryption (to be activated)	X	Invitation based	To be consulted	LINE
Windows, MacOS, Linux, iOS, Android	End-to-end encryption	Screen lock	X	To be consulted	Discord
Windows, MacOS, iOS, Android, Web	End-to-end encryption while on "Private chat"	Two-step verification	Invitation based	To be consulted	Slack
Windows, MacOS, Linux, iOS, Android	End-to-end encryption while on "New secret chat"	Two-step verification and passcode	X	To be consulted	Telegram
Windows, MacOS, Linux, iOS, Android	End-to-end encryption	Screen lock	Managed by the group admin	To be consulted	WhatsApp
Windows, MacOS, iOS, Android, Web	TLS encryption between client and server	X	X	To be consulted	Signal
Windows, MacOS, iOS, Android, Web	End-to-end encryption	Two-step verification	Managed by the group admin	To be consulted	WhatsApp
Windows, MacOS, Linux, iOS, Android, Web	TLS encryption between client and server	X	Invitation based or with password	To be consulted	Microsoft Teams

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