

Scam and fraud protections that are out of this world

When mobile scammers from across the cosmos attempt to invade your Android device, layers of proactive, intelligent security help prevent them from stealing your money or data.

How mobile attacks enter your orbit:

Phone call

Invading scam callers impersonate trusted entities and use high-pressure tactics that make you want to believe their deception and take action quickly.

Message

Messaging scams use urgency to compel you to act, then quickly start sucking your financial information and data into a black hole.

Email

Scam emails are hosts for dangerous links and attachments designed to infiltrate your phone and abduct your data.

Google AI prevents most scams from ever landing on your phone

Spam protection

- Phone by Google uses advanced AI to identify dangerous calls, automatically warning you or blocking the call before you answer.
- Google Messages proactively detects spam, phishing, and scam attempts, warning you or blocking the message if it seems suspicious.
- Gmail blocks 99.9% of spam, malware, and phishing attempts from reaching your inbox, and advanced LLM technology now catches 20% more spam.¹

Android uses Google AI to protect against **billions** of dangerous messages and calls each month.¹

Incoming communications are checked for signs of life

Call Screen

Call Screen uses Google AI to automatically decline suspected scam calls before your phone rings. For legitimate callers, you'll see who's calling and why so you can answer with confidence.²

Verified business messaging

With RCS Business Messaging, verified businesses show their official name, logo, and a checkmark in the chat so you can be confident a message is actually from them and not a scammer.

Email sender authentication

Google authenticates all emails sent to a Gmail address, with extra requirements for large-volume senders. Non-authenticated senders have a question mark next to their name.

Android warns you when the conversation veers off course

Scam Detection

- On-device AI warns you in real time if it suspects a call might be a scam, even if red flags don't show up until halfway through the conversation.²
- Google Messages also uses on-device AI to identify dangerous texts. You'll receive a warning when a malicious message is detected, even if it happens mid-chat.³
- When Gmail detects a suspicious email that might be a scam, it shows an alert warning you against clicking links, downloading attachments, or entering personal information.

Press the **"Report & block"** button at any time to blast attackers away!

Steering you clear of dangerous requests

In-call protections

During calls with unknown numbers, Android protects one-time passwords and login screens,⁴ lets you know if you're screen sharing,⁴ and prevents you from taking actions that might hurt you, like disabling Google Play Protect.

Link protection

If you get a text with a suspicious link, Google Messages immediately marks the conversation as dangerous, helping you avoid potential phishing scams.

Attachment scanning

Gmail automatically scans attachments for viruses in the emails you send and receive, and blocks you from opening malicious files.

Clicking a hyperlink or URL in Gmail starts a **malicious link check** – if the site is dangerous, Google gives you a heads up!

Android keeps you safe in conversations and beyond

When scammers try to move you from a conversation to a dangerous app or site, Android is ready to jam their transmission.

Google Safe Browsing

No matter how a link makes its way to your Android, once you click it, Google Safe Browsing will warn you if it's an identified dangerous site. The Chrome app also uses Safe Browsing and other built-in protections to help you avoid dangerous sites and apps when you browse the web on your phone.

Google Play Protect

All apps undergo security testing before they can be listed in the Google Play store. Backed by powerful Google AI, Google Play Protect also scans billions of Android apps daily to ensure they're still safe – including apps you've already downloaded.

Your phone home

Feel confident your calls, texts, and emails come in peace

When fraud and scams attempt to land on your phone, Android is ready to intervene automatically or at your command. Multiple layers of security shine a bright light on potential threats, providing a safe and sunny atmosphere that helps keep your phone scam-free.

Advanced Protection

With a single click, you can enable Google's strongest mobile security features.⁵

[Get Advanced Protection on Android →](#)

Android users are **58% more likely** than iOS users to report receiving no scam text messages in the past week.⁶

[Learn more at android.com →](#)