

# THIS IS WHAT SECURITY FEELS LIKE

No matter what business you're in, every day you face a potentially devastating threat: cyber-attacks and hackers. Data breaches and loss of sensitive information pose an unprecedented level of risk to your business, affecting your clients, your employees, your performance and your bottom line. Danger is a constant companion to even your most diligent team members, accompanying them everywhere they go – through their smartphones.

CopperheadOS takes the worry out of information risk management, by giving you a secure and convenient mobile operating system with so many security layers it's virtually impenetrable.



## What is CopperheadOS?

CopperheadOS is a security and privacy focused mobile operating system compatible with Android apps that keeps your data safe by thwarting and frustrating attackers. We use the most sophisticated, cutting-edge techniques to protect you from local, physical and remote threats.

Essentially, CopperheadOS presents such invincible obstacles that attackers lack the resources to gain entry; and if they do, they are unable to do damage or extract information. CopperheadOS devices are private and protected from tampering, compromise, malware, data theft, tracking and email interception.

## Multiple layers of protection

**Resistant to zero-days and vulnerabilities** – protects against the latest known and unknown vulnerabilities

**Zero-trust Infrastructure available** – On-premise CopperheadOS deployments keep your organization's data internal and policy compliant

**Private by design** – Your data is not sent to Copperhead, Google or any remote platforms

**Zero-knowledge cryptology** – provides local verification without remotely disclosing information



**Obfuscation** – masks data and renders it unintelligible to unauthorized users

**Stronger sandboxing** – separates programs so they can operate without risk to the system

**Hardened kernel** – makes the code more resilient to attacks and prevents bugs from being exploited

**The result:** attackers can't get in, and even if they do, they can't read or recover usable data.

Choose Copperhead with confidence

## Stay ahead of the pack

Copperhead is a team of information security experts, forensic analysts and software developers. We have a finger on the pulse of the latest known security threats, upcoming defense mechanisms and other technology advances, to make sure our clients are always one step ahead of attackers.

Our close relationship with the Google security team and the open-source community means we know about the newest Google features and patches before other providers, enabling us to offer you the most up-to-date security patches available, with monthly and even biweekly updates to keep you safe.

## Who needs Copperhead?

You need CopperheadOS if you are a company or organization operating anywhere in the world and you store or send sensitive information – particularly if you fall into one of these categories:

- legal firms handling critical and confidential case data
- financial institutions and investment companies
- companies and organizations handling sensitive medical and healthcare information
- utilities and companies in the energy sector
- military, government and intelligence agencies handling top secret information
- large corporations and multi-nationals protecting proprietary information
- not-for-profits, NGOs, activists and journalists

## Choose the CopperheadOS that's right for you

Use CopperheadOS on your own supported Android devices (Pixel or Nexus) or on a selection of Pixel smartphones provided by us. CopperheadOS is available for license in two formats.

### 1. Copperhead Managed Deployment

Get up and running quickly and easily, even if you don't have top-level security expertise within your organization. This is a good option if you need a turnkey security and privacy solution that can scale with your business. There is a monthly fee per device with discounts based on volume. The Managed licence offers:

- regular updates through our secure servers
- engineering support
- consulting services (for additional fee) [TBC]
- full operations security reviews (for additional fee) [TBC]

### 2. Self-Managed Zero-Trust Deployment

A good choice if you need a greater degree of control and have robust internal IT security resources. The Self-Managed license is offered at a monthly fee per device, with discounts based on volume and length of term. With the Self-Managed license:

- you provide update infrastructure
- manage your own product encryption keys
- deploy at an interval that is comfortable to your organisation
- support services are available from Copperhead (billed by use)

All subscribers receive 24/7 support by phone, email, social media and web portal.

## Protected by Copperhead

We proudly protect Fortune 500 companies, governments and globally recognized NGOs including:



National  
Defence

Défense  
nationale

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