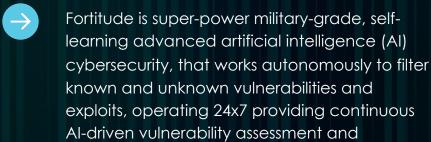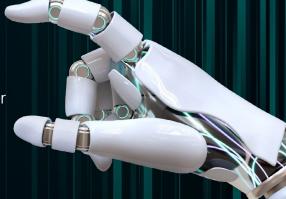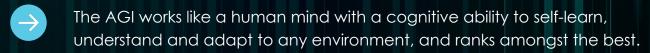# FORTITUDE

## THE SECURITY CHALLENGE

**Expanding, monitoring and evaluating your organisation's cybersecurity posture can no longer be left to human analysts. It's simply too much and too complex.**
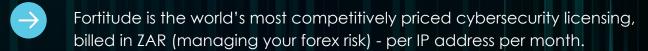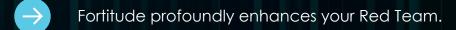
## THE SOLUTION: FORTITUDE

→ Fortitude is super-power military-grade, self-learning advanced artificial intelligence (AI) cybersecurity, that works autonomously to filter known and unknown vulnerabilities and exploits, operating 24x7 providing continuous AI-driven vulnerability assessment and penetration testing.

→ The AGI works like a human mind with a cognitive ability to self-learn, understand and adapt to any environment, and ranks amongst the best.

→ Fortitude is the world's most competitively priced cybersecurity licensing, billed in ZAR (managing your forex risk) - per IP address per month.

→ Fortitude profoundly enhances your Red Team.

**Fortitude** is an automated Cloud-based vulnerability analysis and penetration testing solution based on exceptional and cutting-edge AGI* technology (since 2014), which monitors organisation's environments 24 hours, seven days a week, 365 days a year, while providing full cyber security audit reports.

**Fortitude** helps organisations with their cyber security, by performing a vulnerability scan, followed by an automated penetration test (audit),

to determine whether the vulnerability can be turned into an exploit. The advanced AI allows **Fortitude** to think and function similarly to the human mind.

Also, it provides the Fortitude system with the cognitive ability to self-learn, understand and adapt to any environment. Since no two environments are the same, why should the penetration test performed be the same?

* Advanced Generative Intelligence

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## // AUDIT OF EXTERNAL INTERNET PROTOCOL OR DOMAINS

Fortitude is implemented in one day, and learns by crawling the Internet and Dark Web to identify:

- new hacking techniques,
- vulnerability patterns,
- security signatures,
- released review patches (e.g., Microsoft Patch Tuesday),
- security documentation from OEMs.

All this information is used by the advanced AI to create and/or update hypotheses for ethical hacking scenarios.

## // AUDITING THE INTERNAL SYSTEM

The internal deployment is undertaken in 4 days, and the audit can be completed through the Fortitude agent, which can run on a virtual machine (VM), workstation, server or container. The agent is sufficiently lightweight to be run alongside any other server applications.

## // FEATURES

The different modules within the Fortitude agent can be activated via the Fortitude interface and can:

- Perform signature anti-malware file checks,
- Analise anti-phishing DNS,
- Detect anti-malware behaviour,
- Configure vulnerabilities,
- Take inventory of internal systems.
- Scan and secure all devices that have an IP address.

Fortitude operates as a SaaS model

## // POV AND ROI

- The Fortitude POV runs for 30 days at no cost to you.
- ROI is swift, even if only measured on the 24/7 penetration testing component

**FORTITUDE**

**PROSTREAM**

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