DeceptGold: Redefining cybersecurity

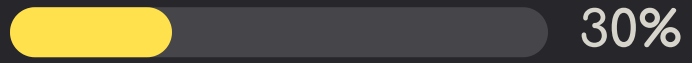
DeceptGold was **built** to protect companies from **cyberattacks**, while repurposing the computational power from attackers without the hackers noticing.

The system (honeypot) converts the time and **network used** in attacks into fungible tokens, which can be accumulated and exchanged for intelligence information and data. **DeceptGold** protects companies from real attacks while generating valuable rewards.

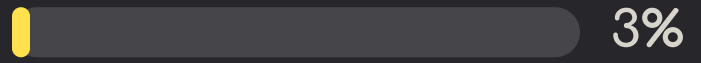
https://decept.gold

What is the market and its size?

Estimated market size between 500 and 878 billion for 2030–2034 in the cybersecurity area. (Grand View Research and MarketsandMarkets)



For the honeypot subarea, the projection for 2031–2033 reaches 7.8 billion. This represents an SAM of 20-40% of the TAM. (Business Research Insights and DataIntelo)



Variation of 1 to 3% of SOM, with an estimated value for honeypots between 5 and 20 million. Cybersecurity and honeypot data excluding Web3 technologies.

The cyber threat landscape is complex and growing. Conventional defenses are no longer sufficient to combat increasingly sophisticated attacks, requiring a paradigm shift in security beyond recognizing proven effective strategies.

What it is and some advantages:

Honeypots were initially introduced in military projects as a strategy to attract and analyze cyberattacks in controlled environments. The technology later expanded to the corporate and academic sectors, becoming one of the pillars of modern offensive and defensive security. These systems function as “digital traps”, simulating real vulnerabilities to engage attackers without compromising critical assets. By collecting data on attack methods and hacker behavior, honeypots generate strategic intelligence that can be monetized and applied in the development of advanced cyber defense solutions.

1

Exclusive Collection

Real data on attacks in real time.

2

Marketable Insights

Sellable information for cybersecurity companies.

3

Continuous Value

Constant flow of monetizable data.

This approach enables early threat detection by capturing intruders the moment they attempt to exploit nonexistent vulnerabilities. In addition to reducing response time and the impact of attacks, it generates highly valuable strategic data, opening endless possibilities for monetization and commercial use of this information.

About the solution:

In addition to monetization, **DeceptGold** offers strategic intelligence through granular attack logs and access to Threat Intel, a tool that provides detailed analyses, such as IP behavioral scoring, most targeted services, origin trends, and predictive threat mapping. These data enable companies to anticipate risks, optimize defenses, and make strategic decisions. The tokens can be used to unlock deeper layers of this intelligence, creating a virtuous cycle of protection and learning.

Designed for easy integration via package managers, DeceptGold is lightweight, modular, and ideal for both local and cloud environments, serving **cybersecurity teams,** researchers, and critical infrastructures. Use cases include e-commerce platforms converting Distributed Denial of Service (DDoS) attempts into tokens to fund enhanced firewalls, or financial institutions leveraging Threat Intel to reduce fraud. With regulatory compliance, data anonymization, and a dual smart contract architecture, **DeceptGold** transforms cybersecurity from a cost into a continuous investment, generating economic value and strategic intelligence from every attack.

Some Key Differentiators:

Open Source and Free Licenses:

DeceptGold is a fully open-source project, utilizing libraries with 100% free licenses, promoting transparency, collaboration, and freedom for community-driven customizations.

Wide Range of Services:

It supports numerous fake services, including Git, MySQL, Redis, VNC, HTTPS, SSH, RDP, and more, providing robust and diverse emulation to effectively attract and monitor attacks.

Rewards via Blockchain:

Advanced reward algorithm with compound calculations, anti-fraud protection, and smart contracts, ensuring security and direct payments to the administrator's wallet without intermediaries.

DeceptGold is the only honeypot on the market that combines a smart contract-based reward system with open-source code and zero maintenance cost. With it, organizations gain deep insights into adversary tactics, strengthening their security posture and enabling a more proactive and intelligent defense.

Business Model:

DeceptGold's business model plans for a SaaS *(Software as a Service)* offering and the monetization of shared data. With a future SaaS subscription, users would be able to access the honeypot, generating utility tokens from attacks that can be exchanged for **Threat Intel** with detailed threat analyses.

Anonymous attack data collected from all users would be aggregated in large volumes, enabling the identification of the *modus operandi* of the most modern and up-to-date attacks. This data would be marketed as threat intelligence to companies and researchers, opening up various monetization opportunities. With regulatory compliance and anonymization, the model would encourage community involvement and enhance the generated value.

Who are the main competitors?

T-Pot	Focused on Linux, with no native support for Windows, unlike DeceptGold.
Cowrie	Primarily Linux; Windows support is less intuitive compared to DeceptGold.
Honeyd	Windows support is limited and complex, making it less accessible than DeceptGold.
Kippo	Windows support is possible via Docker, but not native like in DeceptGold.

None of these competitors, nor others in the market, offer a protection system combined with blockchain-based rewards, unlike **DeceptGold**, which combines cross-platform support (Linux and Windows) with an innovative reward model through smart contracts.

Team Behind the Project and the Numbers:

DeceptGold is led by Jonathan Scheibel, founder and creator of the project, with expertise in cybersecurity and blockchain. The development is currently in its early stages, focusing on the MVP (Minimum Viable Product), with support from occasional contributors in the open-source community. The vision is to expand the team as the project gains traction, bringing in specialists in blockchain development, business, security, and data intelligence to accelerate growth.

DeceptGold is in the MVP phase, with initial testing and feedback for improvement. As an open-source project, it does not yet generate revenue, focusing instead on validation and building a solid foundation. Growth is reflected in the increasing engagement of the community and potential partnerships under discussion. We are seeking resources to establish a liquidity pool, essential for scaling the token ecosystem and threat intelligence. We iterate quickly to prepare for broader adoption and future monetization through SaaS and the sale of threat intelligence.

Contact Us

Learn More