Mars Updates

"Declassifying" Mars Protocol's security audits from Halborn and Oak Security

FEBRUARY 22, 2022

Where we venture, the territory is unknown.

Written from scratch in the Rust programming language, Mars Protocol is a collection of radically new open-source smart contracts for Terra. They grant anyone in the galaxy the ability to:

- Deposit assets for yield in the Red Bank
- Optionally use those assets as collateral for borrowing additional Red Bank assets
- Enter the Fields of Mars to participate in Contract-to-Contract (C2C) lending including leveraged yield farming without first requiring a Red Bank deposit
- Stake MARS tokens for governance rights and fee-sharing

For nearly a year, more than 20 contributors from around the world have been architecting, designing and building Mars Protocol.

In January, contributors contracted with two leading Terra security firms — Oak Security and Halborn — to audit the protocol.

Both Oak and Halborn have deep expertise in CosmWasm smart contracts. Oak Security has audited 30+ projects with a combined market cap of over $15 billion including Terra, Flow, Cosmos SDK and Substrate projects as well as large-scale interoperability bridges. Halborn has also worked with several of the crypto industry's leading projects including BlockFi, Terra, Thorchain, Polygon, Dapper Labs, Sushi, XDEFI and more.

Both firms completed their audits Mars Protocol's code in recent weeks. Mars contributors have fixed or acknowledged all of the potential vulnerabilities that were uncovered, and today we're inviting the broader community to review the results of the audits as well as our responses, fixes (where applicable) and commentary.

Both sets of audits have been uploaded to Github:

- **Oak Security audits:** https://github.com/mars-protocol/mars-audits/tree/master/oak
- **Halborn audit:** https://github.com/mars-protocol/mars-audits/tree/86c5531f5b2301f762d1685ffa291830011f3e3c/halborn

In the coming days, we expect to announce a pre-launch bug bounty.

For Mars to realize our vision as the galaxy's largest borrowing and lending protocol, we need your help. Journey with us by following Mars on Twitter now.

DISCLAIMER: This article does not constitute investment advice. Before interacting with Mars, review the project disclaimers here.
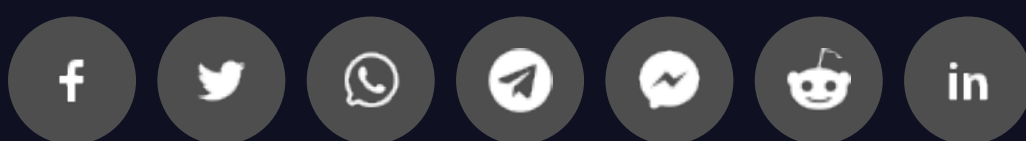
Previous post
Mars Protocol offers up to $1 million payout in bug bounty program with Immunefi

Next post
A vision for the 'Fields of Mars' and contract-to-contract (C2C) lending

Mars
Red Bank
Fields
Council
Block Explorer

Documentation
Docs
Litepaper
Terms of Service

Community
Blog
Forum