

Cohomology Labs is a research, development, and deployment organization for improving Internet and secure multicomputing technologies. We create software systems that tackle significant challenges. We aim to solve them with new technology breakthroughs, great user experience design, and an evolutionary approach to creation.

Mission

We believe the internet has become humanity's most important technology. We build highly adaptive protocols, systems, and tools to improve how it works. Today, we are focused on how we store, locate, and move information securely and add autonomous capabilities to all software-driven systems.

Our R&D Capabilities

We have a broad range of capabilities to help our clients navigate the future and bring advanced productized technologies to the market faster than the competition.

- Decentralized Protocols e.g. Stellar and Hyperledger
- Schnorr Multisig Protocol
- Python, JS, Node.JS, React, Rust, Java and C/C++
- Matlab and Wolfram
- OS incident response for Linux, Mac/iOS, Windows and Android
- Cyber Threat Management
- DevOps & BlackOps
- One-way Data Diodes for physically secure mission-critical data transfers
- BitTorrent Protocol and DIMPL for autonomous drone navigation
- Derivatives Trading Platforms and Trading Signal Generators
- Firmware Development
- Space system design and development
- Malware Analysis and Reverse Engineering
- Exploits Development