

StealthChain™

At-a-Glance

Complete Authentication of Participants

- All participants and applications are preauthorized
- No risk of malware intrusion from the network
- Completely stop malware proliferation
- Physical access attacks are completely contained and reported

Trusted Data

- All Connections are authenticated and secured
- Only authorized blockchain protocols
- Participant specific blockchain commands
- Secures Smart Contract Development
- Attempted attacks are captured, blocked, and reported
- All data and systems are completely protected

Easy to Configure and Maintain

- Runs autonomously with no human intervention
- Alerts automatically sent to popular SIEM systems, email or SMS
- Undetectable
- No changes to your applications needed
- Simple to administer

Complete Security for your Blockchain Solutions Ensuring Trusted Data and Transactions

StealthChain™ brings *End-to-End Impenetrability* for Blockchain Transactions at any scale. This includes Regulated Bitcoin and Cryptocurrency IT Infrastructures and clients' Digital Wallets.

Blockchain itself, including Inbound Data and Smart Contracts, is not fully secure. At each location the data is touched, from the point of origin until it is committed to the ledger, it is vulnerable to manipulation. Smart Contracts are also susceptible to compromise, because where and how this executable code is developed is not secure.

By fully securing each point in the system and the communications between them, StealthChain™ can insure your data is *StealthPath Trusted™* and your Smart Contracts have not been tampered with.

This level of assurance is absolutely critical for the FinTech market where digital transactions are exploding such as in real estate, business contracts, and digital payments. With Bitcoin and other Cryptocurrencies edging closer to operating within a regulated market infrastructure, these transactions and assets must be secured and recorded.

Similarly, in our global economy, the Supply Chain is responsible for producing and delivering products via Rail, Ship, Air, or Ground, and every point in the chain must be secured for these business-critical transactions.

With StealthChain™, Only you totally control your Blockchain, Bitcoin and Cryptocurrency implementations, which includes your data.

StealthChain™ Completely Prevents:

- Any connection from an unauthorized device
- All man-in-the-middle attacks
- Any unauthorized application from connecting
- Any unauthorized participant from connecting
- Malware/Ransomware propagation
- Undiscovered Malware
- Fileless Malware propagation
- Unauthorized Data exfiltration
- Intentional Data corruption
- Unauthorized protocols
- Misuse of Blockchain protocols

StealthChain™ Offers a New Perspective on Cybersecurity through:

- **Trusted, Secure Connections**

All systems are uniquely identified and connections must be pre-authorized. Connections are application to application. Unauthorized participants are refused and alerted upon.

Advantage:

Keep bad actors from connecting to the blockchain; prevent spoofing and man-in-the-middle attacks.

- **Strong, Multi-Layer Access Controls**

Communications are authenticated based on “who” and “what” is attempting the communication. Applications, protocols and ports must be pre-authorized. Unauthorized communication attempts are blocked and alerted upon.

Advantage:

Prevent malware from communicating and spreading; prevent data from being exfiltrated.

- **Secure, Trusted Data in Transit**

Data access rights such as read/write are enforced in addition to dedicating a secure channel per connection. This helps to ensure data is not modified or falsified by unauthorized parties.

Advantage:

Ensure trusted data from the point of origin until entry into the Blockchain.

- **Powerful Protocol and Data Checking Capabilities**

Blockchain Protocol is checked for proper format and content on the fly. Valid Blockchain commands can be configured on a system by system basis. Additional data checking can also be enabled.

Advantage:

Ensures only trusted data from authorized sources enters Blockchain.

Hide Your Enterprise from the Enemy™

StealthChain™ ensures that only nodes that need to communicate can communicate. Security is enforced via a layered, defense-in-depth approach from the application layer down to the communications protocol and port. Add to that data access control and data translation capabilities, and StealthChain™ can provide end-to-end trusted data for your blockchain.

Find out more.

Learn more about how StealthChain™ can help provide unparalleled cybersecurity for your blockchain by requesting a technology demo.

Send your request to:
info@stealthpath.com

