

CERTIHASH Offers Enterprise Pilot and Government PoC Program with Immediate Access to Sentinel Node Detection Tool

CERTIHASH announces opportunity for organizations to learn, obtain, and utilize experience on critical information security aspects of blockchain infrastructure

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/EINPresswire.com/ -- Today, [the team behind the new cybersecurity application CERTIHASH Sentinel Node](#) announced an Enterprise Pilot and Government Proof-of-Concept program to introduce Sentinel Node as an immediate and available solution towards near real-time detection of network anomalies and events including a potential data breach.



CERTIHASH 'Sentinel Node', is the first of a suite of five blockchain-empowered enterprise cybersecurity applications based upon the NIST cybersecurity framework and built-in collaboration of IBM Consulting.

Currently, the average time to detect a network intrusion is 212 days, these hacks also carry a heavy cost, averaging \$9 million USD for any breach that lasts over 30 days which does not include additional reputation costs that an organization most likely will incur.

According to [Key Cybersecurity Statistics](#), every 39 seconds one cyber-attack takes place worldwide. Globally one ransomware attack occurs every 14 seconds. Cybercrimes have led to damages worth \$2 trillion so far – and this based off the 10% of cybercrimes that are even reported.

"We can all agree, it's not a question of if an organization will be hacked, it's a question of when.

This is due to an over-reliance on third parties within the legacy data management and security ecosystem." said Gregory Ward, Co-founder and Chief Development Officer at SmartLedger.

CERTIHASH Sentinel Node is built on next-generation infrastructure, powered by a global enterprise-blockchain, and serves as a network security assurance tool, silently hashing records in real-time, waiting for an unauthorized change, and providing real-time alerts if one is detected.

As we discovered with more notably known cyber incidents such as the recent SolarWinds hack, a single breach can cause massive disruption to thousands of enterprises and government agencies worldwide.



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Hackers were able to compromise the data, networks, and systems of more than 30,000 public and private organizations -- including local, state, and federal agencies. The breach also allowed hackers to potentially gain access to the data and networks of their customers and partners as well -- enabling affected victims to grow exponentially from there.

“When a network compromise occurs, the impact is remarkably like a bulb blowing on a vintage set of serial Christmas lights; every connected bulb goes out, forcing an intensive search. The impact of a cyber-breach does not just affect the initial victim, but every associated network

and system. This is a legacy core infrastructure problem and unfortunately cannot be fixed without first replacing the infrastructure.” said Bryan Daugherty, CCI, CBI, SME, Co-Founder of CERTIHASH.

“Blockchain's trustless model is resilient and secure, more similar to a parallel circuit in the Christmas light example, always providing its own integrity and availability. When combined with

blockchain's write-once, read-many (WORM) data capabilities, we can ensure that no evidence has been removed and all activity is traceable – this includes real-time alerts from monitored logs and devices.”
Continued Daugherty.

“Security and risk management professionals require comprehensive threat detection solutions that are powerful, flexible, and fast. We must move away from the dated architectures of traditional SIEMs, and I believe that these two new Enterprise and Government Programs will provide the perfect opportunity to learn more about next generation blockchain data management.”

Live testing of Sentinel Node began with strategic partners in early September after completion of the Sentinel Node MVP with IBM Consulting.

Testing has provably demonstrated a powerful advance in event and anomaly detection times. Sentinel Node was shown to be able to continuously monitor logs at .2 second intervals (average duration of a human eye blink), which includes both log collection and analysis. To place this in perspective, CERTIHASH Sentinel Node is

- 720X faster than today's mission critical detection averages.
- 1440X faster than today's advanced detection averages.
- 4032X faster than today's standard detection averages.

Beyond the major improvement upon current detection times, Sentinel Node helps in a host of other areas:

- Native data privacy and protection features
- single plane of glass with full alert prioritization
- no third party required, no need to transfer or send private data
- flexible integration with diverse ecosystem of security, IoT, and network products
- simple licensing with true cost dependability

Organizations that are interested in participating in the Enterprise Pilot or Government Proof-of-Concept program are encouraged to reach out directly to SmartLedger at:

<https://smartledger.solutions/pilot>

SmartLedger – The World's Leading Blockchain Distribution Channel

CERTIHASH
CONFIDENTIALITY - INTEGRITY - AVAILABILITY
An innovative blockchain empowered suite of information security tools based on the NIST cybersecurity framework. CERTIHASH Sentinel Node helps mitigate detection times of a data breach from the average 212 days to near instant.

ENTERPRISE ELEMENTS
Enterprise Elements (E2) is the missing link that brings the true power of blockchain to business, seamlessly weaving together the tools and solutions needed for the new efficient enterprise.

CANNA TRACK
Cannabis Quality Assurance Platform built on Scalable Blockchain Technology. Available for Producers, Laboratories, Regulators, and Consumers.

TicketMint
TicketMint solves two of the major pain points of the ticketing industry: Ticket Fraud & Third Party Ticket Gouging. It empowers artists, venues and producers, while providing an onchain collectable and enhanced attendee experiences.

CERTIHASH is one of 4 publicly announced blockchain applications being released in 2022.

We understand and acknowledge that a request to participate in our program is not an endorsement of CERTHASH Sentinel Node, but rather a unique opportunity to obtain experience with secure blockchain technology and learn about its resilient information security capabilities.

About SmartLedger Blockchain Solutions Inc:

SmartLedger is an industry leader in blockchain services. The company provides advanced solutions to clients through a combination of consultancy, partnership, and internal development. Visit <https://smartledger.solutions/> for more information.

About CERTHASH:

Certihash is the first blockchain empowered full suite of cybersecurity tools based on the NIST cybersecurity framework. Learn more at: <https://certihash.solutions>

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