



Press Release

ChainSmart Releases SmartShield v2.0 with Web Verification API

ChainSmart releases next generation version of SmartShield version 2.0 with a Web Verification API extending data integrity to published digital content.

(Jakarta, Indonesia – 2 August 2024)

PT Rantai Data Pintar (ChainSmart) today announced the release of SmartShield version 2.0. This next generation of SmartShield features a new Application Programming Interface (API) which allows an external audience to verify published digital content via a website against the SmartShield blockchain.

This is the latest version of SmartShield which is offered as a cloud-based service and ensures the integrity and tamper evidence of an organization's information by detecting the alteration, insertion, or deletion of data by unauthorized parties. Using the power of blockchain technology, SmartShield can detect unauthorized changes to transactions, database records, audio files, video, or any digital content that needs to be protected from tampering. The digital content to be verified can either be stored within an organization's system or published to an external audience.

When an organization uses SmartShield to ensure the integrity of digital information, and then issues that information to an external audience, the new Web API allows the organization to establish a website where external parties can upload the digital content to be verified by SmartShield. Published content can be confirmed by the external audience as genuine, from the trusted issuer, and has not suffered unauthorized changes.

ChainSmart has designed SmartShield to be an essential tool to help organizations ensure they are using reliable information in achieving better business outcomes. Unreliable information can lead to lost opportunities, higher costs, and lower profits. SmartShield delivers data integrity to ensure information is always received from trusted sources, and guards against unauthorized changes to that information.

“When we designed SmartShield version 2.0 with a web verification API, we wanted to address the scenario where organizations that issue digital content can allow external parties to confirm that the received content is genuine and not fake or altered. Often the recipients need to present the issued digital content as supporting evidence to complete a transaction with another third party, and it is this third party that has a need to verify this content. Examples include proof of certification, proof of ownership,



academic records, health records, identity, credit worthiness and so on. SmartShield can now assist to combat the increasing use of fake or altered documentation being presented within the community.”

SmartShield was developed to address the increasing volume of data attacks experienced by businesses. IBM reported in a Cyber Security Intelligence Index report in 2016, that most unauthorized changes to data are carried out by staff. According to the Egress Insider Data Breach Survey, 94% of organizations experienced insider data attacks during 2020-2021. This is exactly the threat that SmartShield is designed to combat.

ChainSmart is based in Jakarta, Indonesia, and provides blockchain services and products to deliver business solutions for data management and security. In an increasingly connected and digital world, businesses need solutions that ensure mission critical information can be trusted, bad actors can be exposed, suspicious transactions can be detected, and irregularities can be identified. ChainSmart utilizes the power of blockchain to provide products and services that leverage the capabilities of blockchain for data management, security, and trust.

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