



Press Release

ChainSmart Launches Blockchain Service KredensialKu to Ensure Integrity of Graduate Documents

ChainSmart launches the blockchain based service KredensialKu which allows external parties to verify academic documents issued by a university to graduates.

(Jakarta, Indonesia – 7 February 2023)

PT Rantai Data Pintar (ChainSmart) today announced the launch in Indonesia of a blockchain based service called KredensialKu. The service uses blockchain technology to securely store verifiable proof of academic documents such as ijazah and transcripts issued by universities to graduates. KredensialKu allows graduates to prove to external parties such as potential employers, that their academic documents are genuine and have not been altered or faked.

Universities can subscribe to KredensialKu to ensure the integrity of documents issued to their graduates. All documents that are protected by KredensialKu are published with a QR code that may be scanned by an external party and displayed via the KredensialKu website. The QR code points to the KredensialKu blockchain from where the securely stored document is recreated for display via a mobile phone or desktop browser. This allows an external party to visually verify and compare the document from the blockchain with the document presented by the graduate.

Importantly, KredensialKu allows graduates to protect their documents with an authorisation PIN. Graduates control who can view their documents because a user of KredensialKu needs to both scan the QR code on the document and receive the authorisation PIN from the graduate to access a document.

“ChainSmart’s goal in delivering Kredensialku was to leverage the security of blockchain to solve a problem that exists today in Indonesia – how do employers quickly and simply verify graduate credentials. We have aimed to deliver a service that is very effective and simple to use for both graduates and potential employers.,” says Paul Brisk, Director at ChainSmart. “The service benefits all three stakeholders. Employers have the confidence to trust the academic results being presented by prospective employees. Graduates can easily prove that their academic credentials are genuine while maintaining control over who can view their documents. Universities benefit from increased trust in their brand because the university logo is shown every time a document is viewed via KredensialKu.”

Blockchain is distributed ledger technology that has several unique features that makes it ideal to serve as a secure and verifiable source of truth for university issued credentials. Universities store the verifiable proof of academic documents onto the KredensialKu blockchain before issuing them to graduates. The service has an easy to use web interface that allows graduates to control access to their documents with authorisation PINs, and external parties to view documents recreated from the



blockchain when authorised by a graduate. Documents can be simply accessed from a mobile phone by scanning a QR code printed on a document.

ChainSmart is based in Jakarta, Indonesia and provides blockchain services and products to deliver business solutions. ChainSmart blockchain solutions are distributed via Huawei Cloud Services for data management and security. ChainSmart enables trustless ecosystems where exchange of information is permanent, authorized, and verified.

ChainSmart is a subsidiary of PT Metrocom Global Solusi.