



LINXENS

CONNECTING YOU TO SUCCESS

dLoc SYSTEM

Next generation document authentication



Document authentication is one of the biggest challenges worldwide. The dLoc solution allows any vital records issuing agency to turn their offline documents into digital instances that can be easily connected to the existing digital systems and close the chasm between offline and online worlds.

To achieve this new connectivity the dLoc solution uses three key components. Firstly, LINXENS's NFC dLoc seals can be easily attached to a document and connected to an NFC enabled consumer mobile device. Secondly, the dLoc mobile app which can be customized according to client specifications. Finally, a cloud based engine running alongside either a public or private blockchain.

The dLoc solution can easily be integrated into any existing certificate or document so the original certificate does not need to be altered in any way. Also, by "just" applying a seal, the impact on well-rehearsed processes is negligible. This allows the seamless integration of dLoc into incumbent systems. The solution offers the option to connect to existing data bases.

The security of dLoc is its core functionality. It is provided through several pillars, such as chip inventory management (digital track and trace system); digital signatures, user authentication and issuance control systems. This solution guarantees that any cloned chip will be quickly identified. Because LINXENS provides full control of the issuance and verification systems, it can detect any unauthorized chips by verifying the authenticity and integrity of the chips and their data.

Overview

Operating Frequency

13.56 MHz

Benefits

- Simplicity
- Flexibility
- Security
- Transparency

Features

- Blockchain-based Cloud Storage
- Customized artwork and security elements
- Customized NFC mobile app
- Chip memory ranging from 1kb to 4kb

International Standards

- ISO 14443-4
- NFC Forum
- EAL 6

Application Area

- Birth Certificates
- Land Registration
- Education transcripts/diplomas
- Financial Transactions
- Medical Records



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LinXens Group

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