DigSig
MEDICAMENTS AUTHENTICITY VERIFICATION

- Innovative digital solution with advanced cryptography
- Offline verification with a standard smartphone
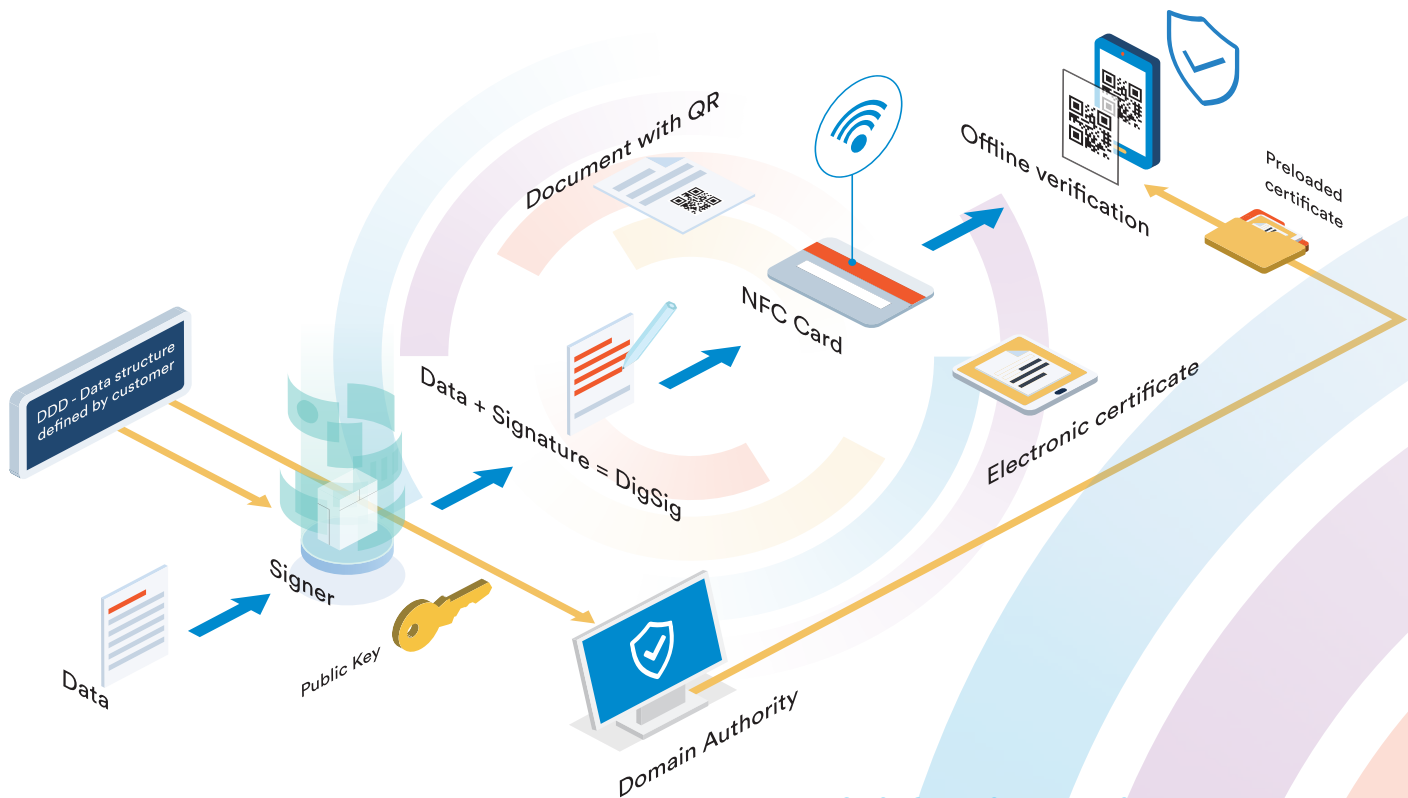- Small size of data carrier: barcodes or RFID
- ISO/IEC 20248 standard

What is DigSig?

DigSig is an advanced piece of digital technology created to verify the authenticity and integrity of data.

How does it work?

Data is structured in a special way and signed by the digital signature. This combination is secured by asymmetric encryption and placed on the carrier: a barcode or RFID.

Verification is carried out by a special application on a mobile device or RFID reader.

Document with QR

Offline verification

Preloaded certificate

NFC Card

DDD - Data structure defined by customer

Data + Signature = DigSig

Electronic certificate

Signer

Public Key

Data

Domain Authority

From a customer perspective, **DigSig** enables trust and makes the manipulation of data visible and easy to detect.

DigSig can be used in a variety of applications, stand-alone, or as an element of a system:

- **personal identification**
- **vehicle identification**
- **digital certificates**
- **document protection**
- **security printing**
- **brand protection**
- **access control**
- **track and trace technology**

More information at **DigSig.com**

CUSTOMERS BENEFITS:

Offline verification
You don't require an internet connection to verify a data.

Simple integration
Can be used as a stand-alone product or integrated into an existing system as an additional feature.

Cost efficiency
Does not require a back-end system as it, utilizes the existing SSL infrastructure.

ISO standardized
Conformity to the ISO/IEC 20248 standard and interoperations with other standards like GS1.

Small data size
Specially encoded data structure allows the use of a small size of the data carrier: barcode or RFID chip.

HEADACHE RELIEF

500 mg
12 Tablets

Expiry Date: 15.12.2023

S/N: 2708386

Blue Pharma Tablets

HEADACHE RELIEF

500 mg
12 Tablets

S/N: 2708386
Expiry Date: 15.12.2023

Strength: 500 mg
Quantity: 12 Tablets

PRESCRIPTION

Dr. John Smith

Prescription no.: 21415

Date: 10.10.2022

Patient name: John Doe
Date of Birth: 12.04.1987

Name of Medicine: Headache Relief
Strength: 500 mg
Quantity: 12 Tablets

Issuance date: 27.10.2022

Doctor signature

Prescription

PRESCRIPTION

Dr John Smith
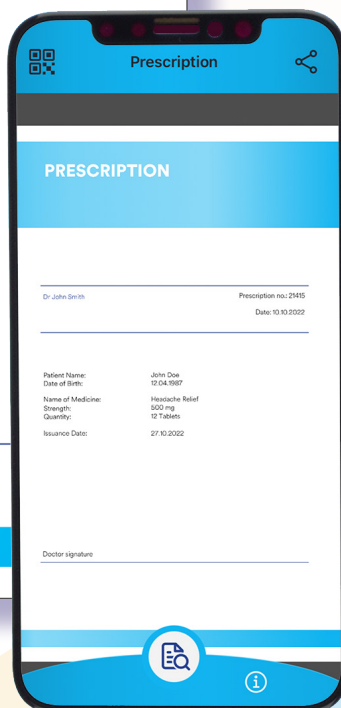Prescription no.: 21415
Date: 10.10.2022

Patient Name: John Doe
Date of Birth: 12.04.1987
Name of Medicine: Headache Relief
Strength: 500 mg
Quantity: 12 Tablets

Issuance Date: 27.10.2022

Doctor signature

HOW TO USE:

1. **Download App**
2. **Scan QR code or NFC tag**
3. **Check if data on the product is genuine.**

DigSig verification app **Scrutineer**

GET IN ON
Google Play

Download on the
App Store

CLOUD API INTEGRATION
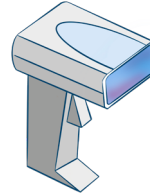Seamless integration into your system through our cloud API.

MOBILE VERIFICATION APPS
Branded or white label mobile applications to read QR code and NFC - based DigSigs (iOS and Android).

ON-PREMISE DEPLOYMENT
Installation of DigSig infrastructure into your data center for full control of data flow and privacy.

DigSig VERIFICATION STATIONS
Fully managed computing devices for NFC and RAIN RFID DigSig verification, used for road gantries and logistics infrastructure.

ISSUANCE STATION
Fully managed, highly configurable Issuance Station for label printing, NFC and RAIN RFID encoding.

FLEXIBLE PLANS
Subscription and pre-paid plans are available, as well as tiered pricing for high volume issuance.

sieveo

ABOUT US:

Sieveo is a service provider for highly sophisticated digital solutions. We enable trust, security, and verifiability of information on a global scale.

Our company is part of the Utsch Group which is a technology leader and provider of complete system solutions for the production, personalization, registration, and identification of vehicle license plates.

Our office is situated in Siegen, Germany in the secure environment of the holding headquarter.

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