Cryptographic Certificate Solution

RNTrust
The Digital Trust Company

Why rTrust Services?

Technology
PQC
Hybrid/Cloud Ready

Market
Momentum
Sovereignty

Features
User Experience
Full API/DevOps Ready

Regulation
CA/B Forum Cuts SSL/TLS
Certificate Lifespan to **47 Days**

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General Requirements Coverage

rTrust	Requirement
✔	**PKI**
✔	**CLM**: Core/Advance
✔	**OnPrem / SaaS**
EU	**Sovereignty**

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Pillars of rTrust: *OpenSource & Coopera*

Open Source

Transparency:
➢ Open and auditable source code

Security:
➢ Vulnerabilities fixed by the community

Sustainability:
➢ Project can continue even without the original maintainer

Maintenance

Support:
➢ Vulnerabilities fixed quickly

Interoperability:
➢ Based on open standards

Innovation:
➢ Ability to implement new features

Interdata Group

Coopera BPM/BOAT:
➢ Proven and widely adopted platform

R&D:
➢ Team of technical R&D experts
➢ Skills on Interdata & rTrust Technologies

Managed Services Platform

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Strong Foundation: *OpenSource & Coopera*

PKI OpenSource

Transparency – Collaboration and Community
Flexibility – Interoperability
Security

CLM Core

CLM Core get the same underlying foundation than **PKI**

CLM Advance

CLM Advance is **Coopera** based**.** Added module of CLM Core.
Coopera by *Interdata* is the ***BPM Platform*** trusted to unify content, automate decisions, and scale digital operations.

Interdata was founded in **1977**, and has a track record with Government & Public, Financial and Health sectors organizations.

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Products & Services : rTrust - Interdata

Products

PKI
Quantum Resilient

CLM
CLM Core (PKI connectors and standard protocols + base)
CLM Advance (**Coopera by Interdata** based)
All connectors, all workflows + connectors to certificate holders

Environments & Services

Deployment
On prem / Private Cloud / Cloud

Managed Services by **INTERDATA**
(Cloud)

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Differentiators

PKI vs other OpenSource PKI:

- ✓ **Modern foundation** (SPA, Full REST w/ OpenAPI)
- ✓ Support for **all HSMs**
- ✓ **Performance**
- ✓ **Containers** deployment
- ✓ Logs signature
- ✓ **PQC** support
- ✓ **OpenID Connect** support
- ✓ **eIDASv2** support

Security:

- ✓ **Community** checks (Many Eyeballs – Linus' Law)
- ✓ Based on award-winning OpenSource Crypto librairies such as **BouncyCastle** and **IAIK Wrapper**
- ✓ Based on current and well-maintained framework **Spring Boot**
- ✓ Developed using **modern security tools** (DAST, SAST, etc.)

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Differentiators

Technical Keypoints:

- ✓ **UX Responsive** interface (SPA)
- ✓ **Modular** Solution (PKI, CLM Core, CLM Advance)
- ✓ Same products **OnPrem/Cloud/SaaS**
  - ✓ Future proof and hosting-agile
- ✓ **RPM/Docker/Kubernetes** packaging
- ✓ **DevOps** ready, including configuration
- ✓ Based on any **SQL Database**, optimized for **PostgreSQL**
- ✓ **High-Availability** ready

Features:

- ✓ **Corporate/IoT/eID** ready
- ✓ **Performance** and **self-recovery**
- ✓ **Ease of use**
  - ✓ Simple role-based access control
  - ✓ Focus on essential configuration options
  - ✓ Modern Web UX (SPA)
- ✓ **Simplicity** of CLM Core combined with **high flexibility** of CLM Advance
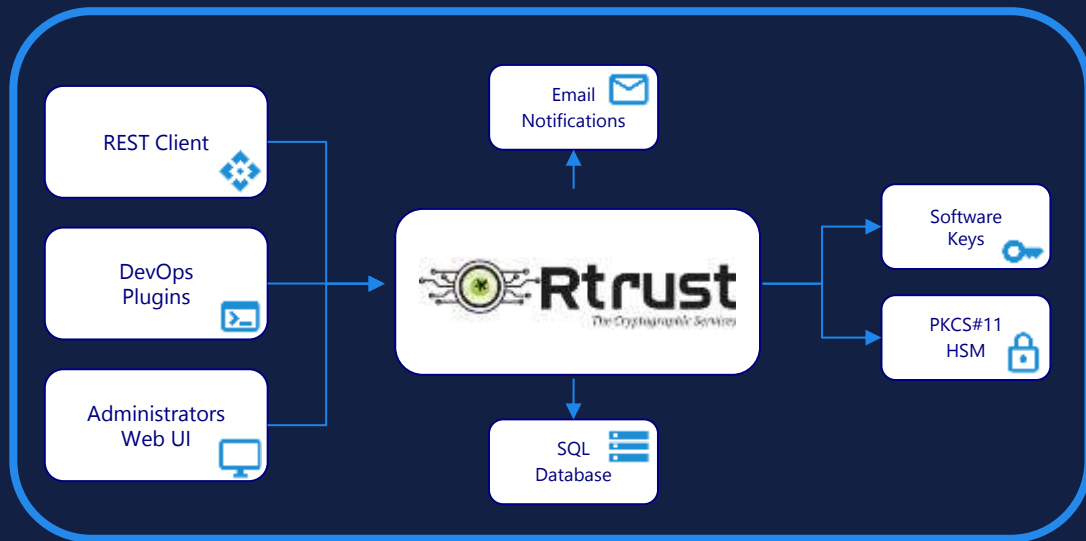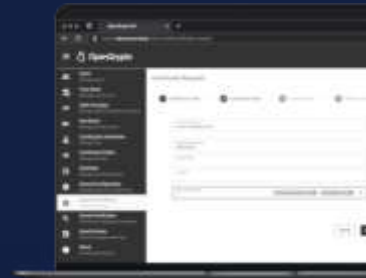- ✓ Fully **PQC** ready

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Product: rTrust PKI

KEY FEATURES:

- ✓ Versatile and Reactive
- ✓ Scalable and Performant
- ✓ Security and Independence

KEY DATA:

- ✓ Standards
  - ➤ x509 v3 and CRLv2 - PKI X (RFC 5280) - PQC
- ✓ Electronic Identity
  - ➤ eIDAS v2 - ICAO MRTD 9303 - FIDO2
- ✓ PKCS#11 HSM Support
- ✓ Deployment Technologies
  - ➤ RPM/Docker/Kubernetes

REST Client

DevOps Plugins

Administrators Web UI

Email Notifications

Rtrust
The Cryptographic Services

Software Keys

PKCS#11 HSM

SQL Database

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Product: CLM Core

KEY FEATURES:

- ✓ Versatile and Reactive
- ✓ Scalable and Performant
- ✓ Standard and Innovation

KEY DATA:

- ✓ Standards
- ✓ Discovery/Inventory
- ✓ Supported protocols
  - ➢ EST - SCEP - ACME - External Account Binding - HTTP-01 and DNS-01 validation - MS-WCCE
- ✓ Deployment Technologies

Automation → Discovery

Centralized Governance
Decentralized Issuance

Alerting

Inventory

Certificate One-Stop Shop

Analytics

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COMPANY OVERVIEW

The leading Software and Service Provider in EMEA with:

- More than **20 years** of Excellence in Services and Solutions Delivery
- Global Offices : **Abu Dhabi, Bangalore, Belgrade, Boston, Dubai, Paris, Riyadh, Zagreb, Naples**
- Channel Partners in all over **EMEA**
- **550+ employees** in RNTrust Group
- **Consistently profitable / Financially stable**
- RNTrust (RN ME FZ-LLC / RNT / Interdata / RN ITC LLC) is certified for **ISO/IEC 27001:2013 and ISO 9001:2015.**

ISO/IEC 27001:2013 Certified

CERTIFIED ISO 9001:2015 COMPANY

RNTrust Entity Structure

RNTrust Group
Entity Structure

RECRO-NET ME FZ-LLC)
CR 17263
Cyber Security & Digital Transformation

RECRO NET ITC LLC
CR 720554
Sourcing & Support

INTERDATA - EU
Digital Solution R&D

GECKO - EU
Custom Dev, R&D

THREATLEAP - EU
Cyber Security R&D

RNT Digital
CR 1119534
GCC - Software

RECRO-NET ITC
Abu Dhabi
CN - 2285014
Sourcing & Support

Interdata - AU
Sales & Services

Gecko - US
Sales & Services

Interdata R&D FZCO
CR 6170
Software R&D

RNTrust Digital - India
CR 137637
R&D / Digital Marketing

Interdata - US
Sales & Services