duokey

2026

COMPANY PRESENTATION

# Trust layer for cloud, AI and machines.

Protect data, prepare for quantum change and govern agents without slowing the platforms you already run.

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"

In the era of digital and artificial intelligence, cloud security and *data sovereignty* are crucial. They are the foundation of digital trust and of the autonomy of enterprises.



Nagib Aouini

FOUNDER & CEO · DUOKEY

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COMPANY

# About DuoKey

DuoKey is a Swiss cryptographic security company specialising in encryption key management and post-quantum readiness. Founded in 2020 and headquartered in Prilly, Switzerland, with offices in the UK, UAE, KSA, Japan, Mauritius and the US, DuoKey secures cryptographic estates for 30+ enterprises across automotive, financial services, healthcare and telecommunications.

Its MPC-based technology keeps encryption keys under customer control at all times, with no single point of compromise. In 2026, DuoKey launched the Agentic Crypto Agility Platform, putting autonomous AI agents in charge of an organisation's cryptographic estate within customer-defined policy limits.

ISO/IEC 27001:2022 certified.

RECOGNITION

- 2021 · Tech4Trust, 3rd Prize (Trust Valley)
- 2022 · Startup of the Year
- 2024 · InCyber Europe Growth Award; Wavestone Swiss Cyber Startup Radar; Assises finalist
- 2026 · Launch of Agentic Crypto Agility Platform (LEAP, Riyadh)

## DuoKey today

| | |
|---|---|
| HQ | Prilly, Switzerland<br>UK · UAE · KSA · Japan · Mauritius · US |
| FOUNDED | 2020 |
| GROWTH | +300% (2023) |
| CLIENTS | 30+ enterprises |
| TEAM | 35+ employees |
| SECTORS | Finance · Healthcare · Automotive · Insurance |

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THE OPERATING ISSUE

# Cloud, quantum and agents change who can be trusted.

Teams adopt cloud and AI to compete. Security must keep authority over what matters without becoming the bottleneck. Real situations where independent key control changes the outcome run from compliance programmes to AI governance.

01

### Machines everywhere

Every connection needs an identity the business can issue and revoke.

02

### Lifetimes shrinking

Certificates expire in weeks. Manual renewal becomes an outage.

03

### Cryptography at risk

Untracked algorithms are a board issue before they are a migration plan.

04

### Rules tightening

DORA and NIS2 ask who holds the keys and what evidence exists.

**Providers** should not hold the final say when legal orders and incidents land in the same boundary.

**Agents** expand the attack surface when shared credentials hide who, or what, acted.

**Boards** want evidence that sensitive data and cryptography stay under independent authority.

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PLATFORM

# One trust layer for keys, PKI and agents

Independent control for KMS, certificates, crypto change and agent identity, on the cloud you already run.

KEY MANAGEMENT

### Keep keys under your authority.

Unlock data without handing the cloud the last key.

PKI

### Issue, renew and retire certificates.

Identities as a programme, not a spreadsheet.

CRYPTO AGILITY

### Change controls without stopping.

Quantum and vendor shifts become a plan, not a freeze.

POST-QUANTUM

### Rank exposure. Move before the deadline.

Inventory, CBOM and migration as an ongoing process.

AGENTIC CRYPTOGRAPHY

### Named identity for every agent.

No shared service account carrying production access.

POSTURE MANAGEMENT

### See and control the foundation.

Discover assets, score exposure, prove control.

SEE THE ESTATE | DECIDE ON POLICY | ACT AND PROVE

**Discover**
Certificates, keys and libraries across cloud, SaaS and code.

**Assess**
Exposure ranked by business impact, not algorithm age.

**Decide**
Agents draft the change; your policy sets what may proceed.

**Execute**
Rotation, re-issue and re-key inside the approved window.

**Attest**
Every action signed, owned and readable by an auditor.

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PLATFORM · KEY MANAGEMENT

# Keep the power to unlock outside the cloud.

When the same provider stores your data and holds the last key, legal orders, outages and insider risk share one boundary.

CHALLENGE

## What breaks today

Cloud KMS and SaaS defaults keep custody with the operator. Boards then cannot prove independent control when auditors or regulators ask.

SOLUTION

## How DuoKey changes it

DuoKey separates key authority from the platform that hosts the records. Keys stay under customer policy through MPC, DKE or XKS, with no single point of compromise.

### Independent custody

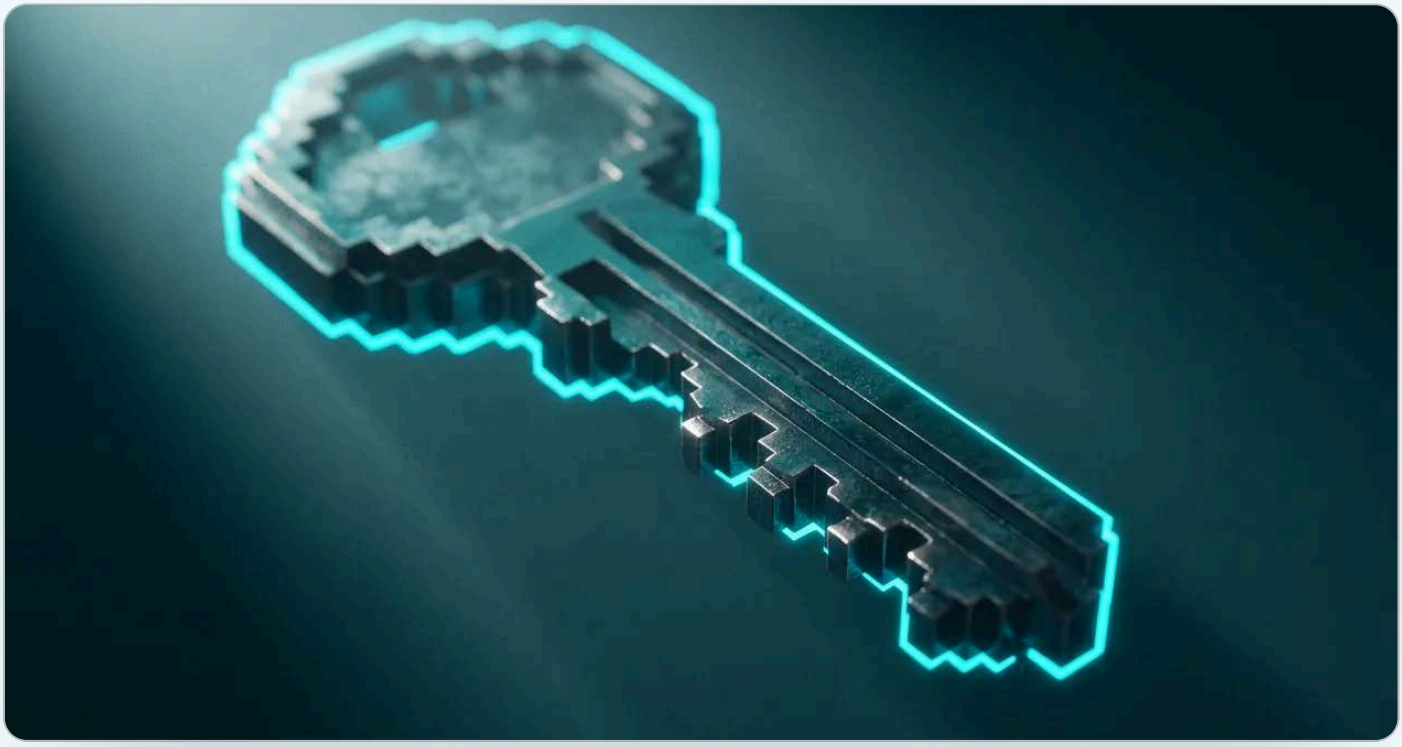
Unlock power sits with you, not only with the cloud.

### No single point of failure

No one location or vendor can complete the key alone.

### Board-ready evidence

Show who authorised access, and under which policy.



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PLATFORM · PKI

# Identities you can issue, rotate and retire.

Certificates for machines, software and agents must run as a programme. Spreadsheets and ticket queues create outages.

CHALLENGE

## What breaks today

Short certificate lifetimes and growing device fleets turn renewal into an operating risk. Expired credentials stop products.

SOLUTION

## How DuoKey changes it

DuoKey runs certificate issuance and lifecycle under customer-held control, including at the edge, so identities follow production cadence.

### Programme, not tickets

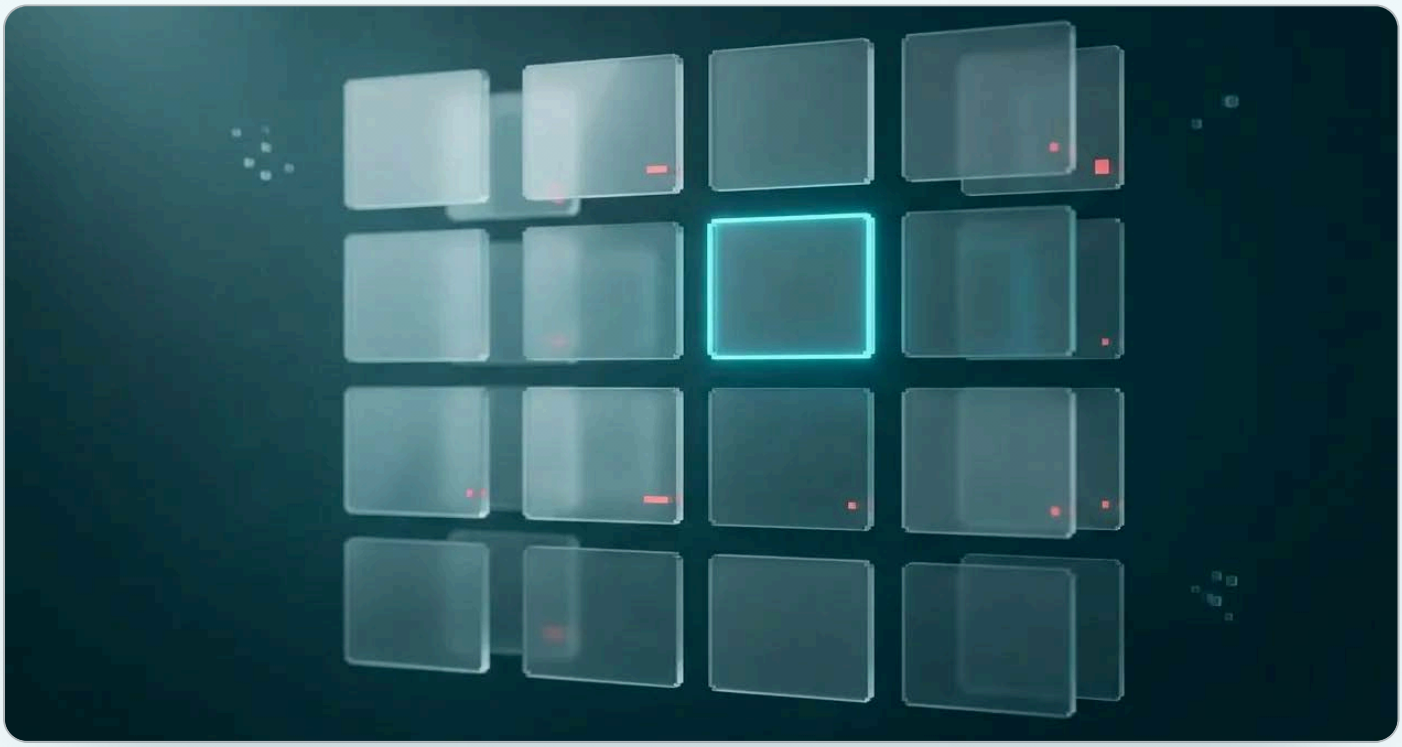
Issue and renew at the scale of products.

### Edge-ready

Credentials work where devices and vehicles operate.

### Audit trail

Named owners and policy-bound issuance.



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PLATFORM · CRYPTO AGILITY

# Change algorithms without freezing the product.

Vendor shifts and quantum pressure force crypto change. Manual cutovers stall releases.

CHALLENGE

## What breaks today

Libraries, protocols and keys are scattered. Teams discover exposure late, then face a freeze instead of a funded plan.

SOLUTION

## How DuoKey changes it

DuoKey ranks cryptographic assets by business impact and lets governed change proceed inside policy windows you set.

### Funded roadmap

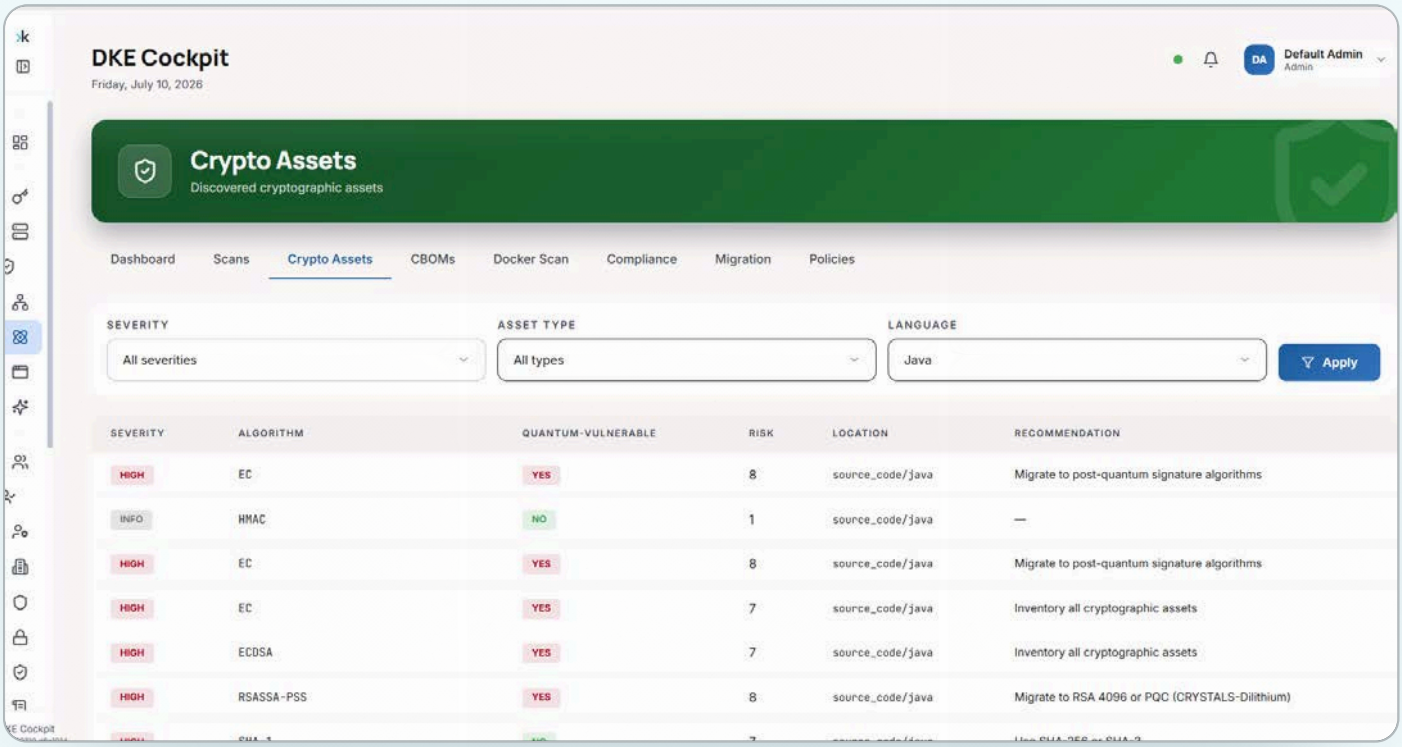
Prioritise by outage and regulation, not algorithm age.

### Controlled change

Rotate and migrate without stopping the product.

### Existing platforms stay

No rip-and-replace of the stack you already run.




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PLATFORM · POST-QUANTUM

# Rank exposure. Move before the deadline.

Regulators and sector guidance expect a post-quantum roadmap. Inventory is the starting point.

CHALLENGE

## What breaks today

Vulnerable cryptography sits in code, certificates and vendor stacks. Without a CBOM, migration is guesswork.

SOLUTION

## How DuoKey changes it

DuoKey inventories quantum-vulnerable crypto, scores exposure and turns that view into a migration plan leadership can fund.

### Clear inventory

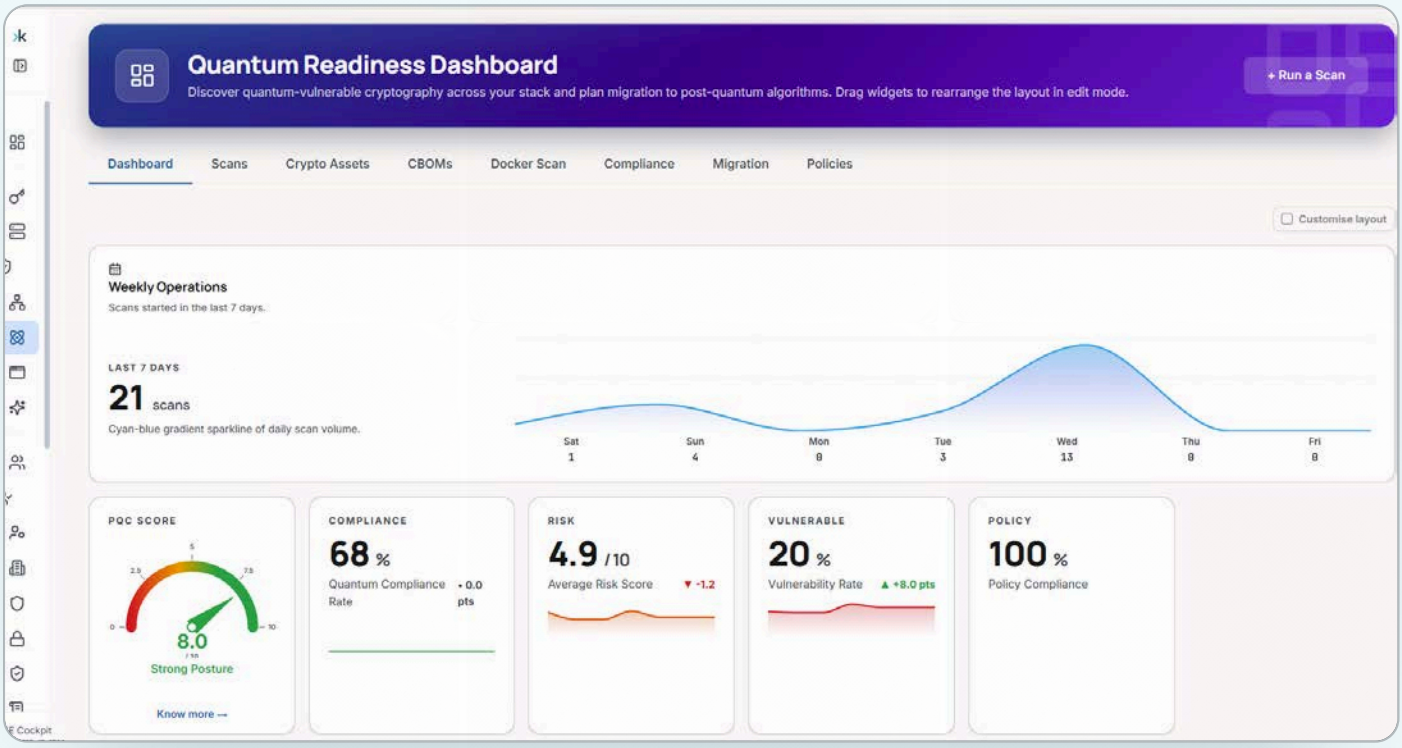
See keys, certificates and libraries in one place.

### Business ranking

Focus on what would stop the product first.

### Ongoing process

Migration becomes continuous, not a one-off project.




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PLATFORM · AGENTIC CRYPTOGRAPHY

# Every agent gets a revocable identity.

Autonomous software acts at machine speed. Shared service accounts hide who, or what, acted.

CHALLENGE

## What breaks today

One compromised agent credential can empty wallets, move data or approve spend across the fleet.

SOLUTION

## How DuoKey changes it

DuoKey issues each agent a cryptographic identity under policy, with ownership, limits and a clean kill switch.

### Named agents

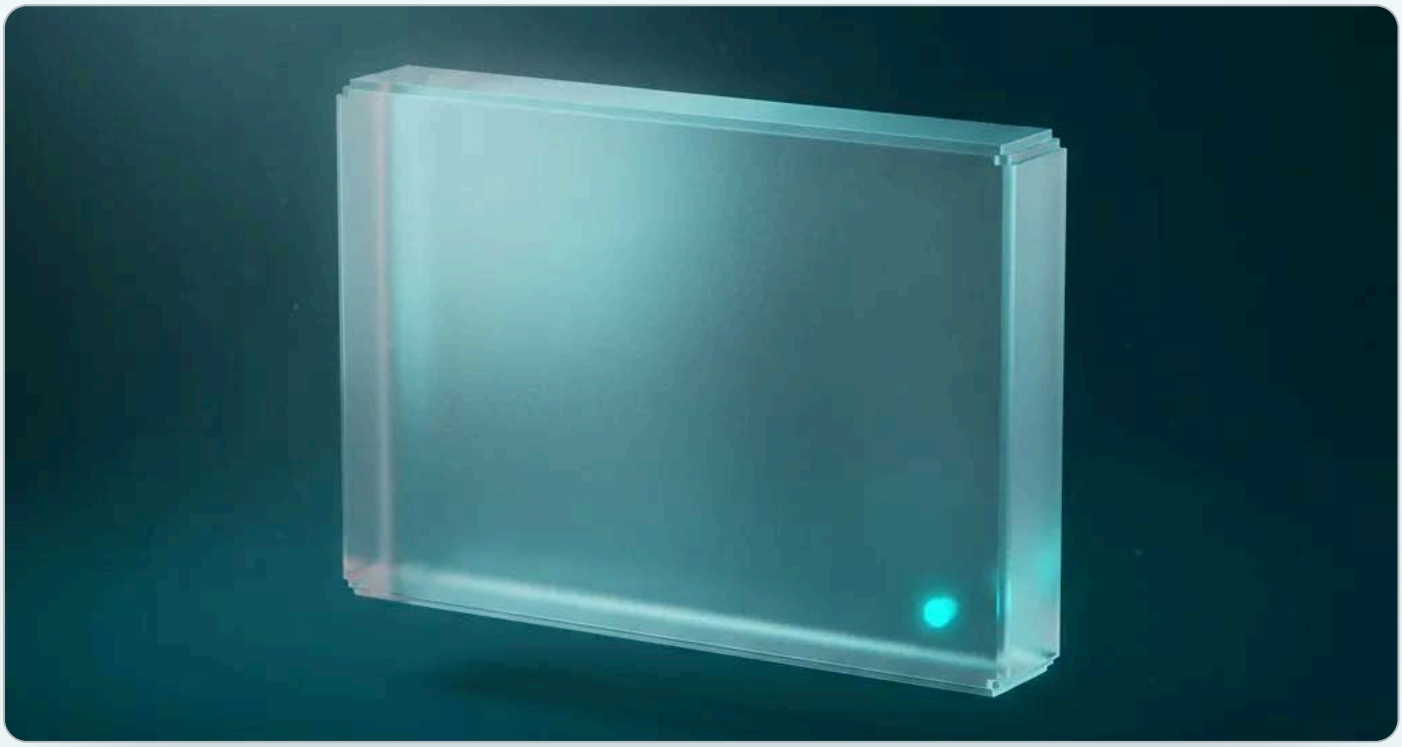
Prove which agent acted, and who owns it.

### Contained blast radius

Revoke one agent without rotating the fleet.

### Policy guardrails

Autonomy stays inside spend and access limits.



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PLATFORM · POSTURE MANAGEMENT

# See and control the cryptographic foundation.

You cannot govern what you cannot see. Boards need a live view of crypto risk.

CHALLENGE

## What breaks today

Assets span cloud, SaaS and code. Manual reviews go stale before the next audit.

SOLUTION

## How DuoKey changes it

DuoKey CPM discovers cryptographic assets, scores exposure and produces evidence security and compliance can share.

### Live discovery

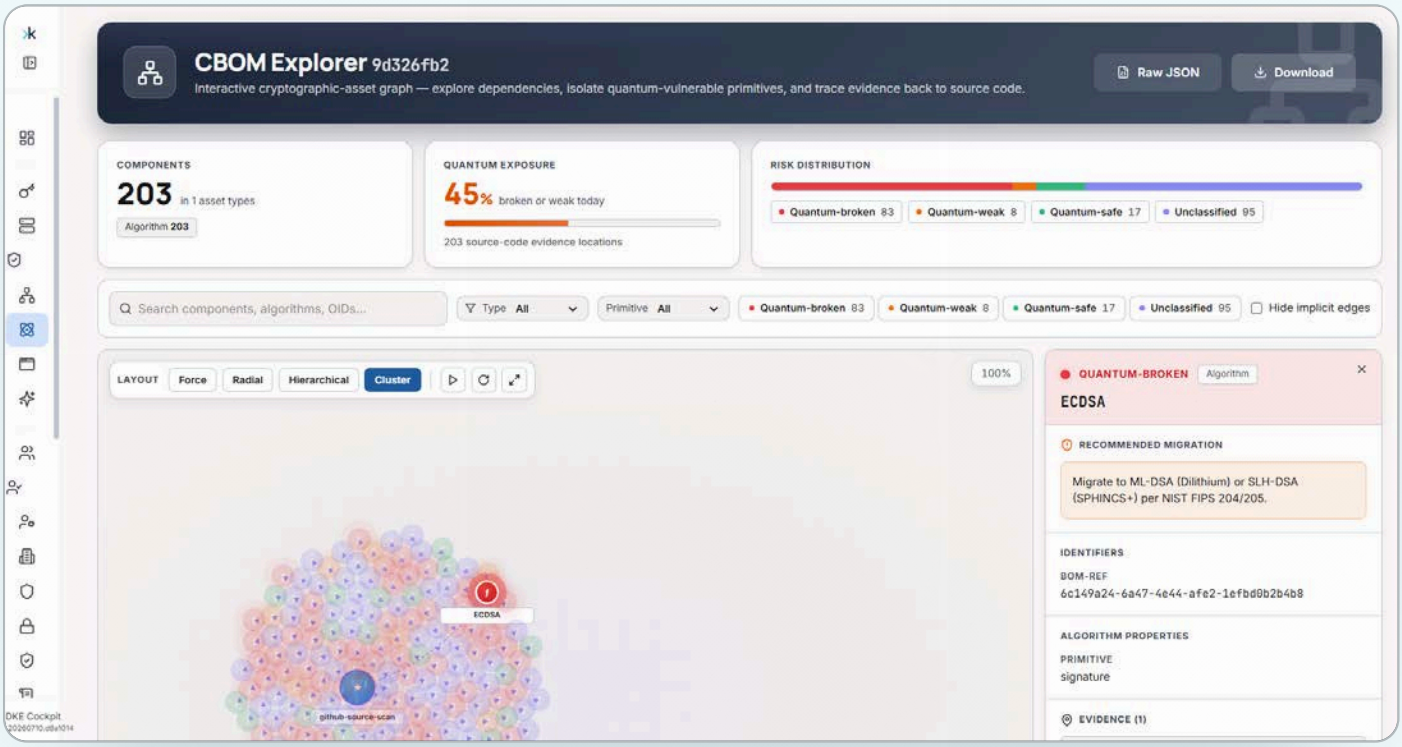
Certificates, keys and libraries stay visible.

### Scored exposure

Leadership gets a view it can fund.

### Attestable control

Evidence ready for DORA, NIS2 and sector reviews.






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CATALOGUE

# Integrations

Customer-held keys across Microsoft 365, AWS, Salesforce, ServiceNow, databases, vaults and PKI. Same custody model on the platforms you already run.

### DKE for Microsoft 365

Dual-key encryption for docs, email and Teams. Purview still works.

### Office 365 Customer Key

MPC custody of the Microsoft 365 tenant root key.

### SQL EKM / Oracle TDE

Database master keys kept off the host and outside the wallet.

### AWS XKS Proxy

Customer-controlled keys for AWS KMS, including S3.

### Salesforce BYOK

Shield encryption with keys you can revoke.

### ServiceNow BYOK

Platform encryption with MPC-backed custody.

### HashiCorp Vault / OpenBAO

MPC auto-unseal, transit protection and Vault-to-OpenBAO migration.

### PKI / SSL

Issue and enroll certificates in HSM or MPC.

### Genesys LKM

Customer-held keys for contact-centre recordings.

### Workday / SAP

HR, payroll and BTP HYOK key custody.

### Varonis DSPM

Encryption governance from DSPM insights.

### DuoKey CPM

Quantum-vulnerable crypto inventory and CBOM.

Full catalogue: duokey.com/en/products

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USE CASES

# Turn cloud risk into an auditable advantage.

Situations where independent key control changes the outcome, from compliance programmes to AI governance.

## FINANCIAL SERVICES 2

### FINMA 05/2026 PQC Migration

Build the inventory, crypto-agility and mid-2027 roadmap FINMA expects from supervised institutions.

### Data Encryption for DORA

Meet DORA encryption and key-management requirements across cloud workloads.

## AUTOMOTIVE & TELECOM 2

### Secure OTA Updates

Keep signing authority with the OEM, including at the edge, on platforms already in production.

### 5G Network Slicing Security

Per-slice cryptographic isolation with MPC-backed keys for multi-tenant cores.

## CLOUD, HEALTHCARE & AGENTS 4

### Microsoft 365 Swiss Public Admin

Sovereign Double Key Encryption when provider-accessible keys are no longer acceptable.

### Agentic Wallet (MPC)

Give every AI agent its own wallet. Revoke one without rotating the fleet.

### Protect Patient Data in the Cloud

Keep patient records under customer key control across multi-cloud healthcare estates.

### Secrets Management

Externalise Vault or OpenBAO master keys to MPC so auto-unseal has no single point of failure.

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CASE STUDIES

# Trust at the edge

Custom and standard data security programmes for 30+ clients. Two recent programmes show how custody travels with the product.



VOLKSWAGEN · AUTOMOTIVE

## OTA that stays under OEM authority.

DuoKey keeps PKI and signing with one of the world's leading automotive manufacturers, including at the edge, on the platforms already in production.

**OEM**
Signing stays with the manufacturer

**Edge**
Credentials work where cars operate

**OTA**
Rotation without stopping updates

**Proof**
A record for type-approval reviews



OPENBAO MIGRATION · SECRETS MANAGEMENT

## Vault to OpenBAO Migration

Escape per-token Vault Enterprise licensing. Migrate to OpenBAO with DuoKey SD-HSM MPC auto-unseal: same API, zero code changes, 60-80% lower TCO.

**60-80%**
TCO savings vs Vault Enterprise

**Zero**
Code changes for applications

**2-4 wk**
Gradual migration window

**MPC**
Auto-unseal without physical HSM

— OUR TEAM

# Executive Team

Over 100 years of combined experience in cryptography, key management, cloud security and regulated enterprise programmes.



**Nagib Aouini**
CEO & FOUNDER



**Pascal Junod**
HEAD OF CRYPTOGRAPHY & RESEARCH



**Jean-Luc Beuchat**
SCIENTIFIC ADVISOR



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**Seyfallah Tagrerout**
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**Mervin Hemaraju**
DEVOPS ENGINEER

HQ
Prilly, Switzerland

PRESENCE
UK · UAE · KSA · Japan · Mauritius · US

TEAM
35+ employees

SECTORS
Finance · Health · Auto · Insurance

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ECOSYSTEM

# Partners and customers

Trusted by leading organisations in automotive, healthcare and public programmes. Native integrations with the platforms security teams already run.

## CUSTOMERS




## PARTNERS



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NEXT

## See the platform. Keep the keys.

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