DECA4 GOVERNMENT SOLUTIONS · JUDICIARY

DECA4

Building a *Next-Generation* Digital Judiciary

Unforgeable court records, digital notarisation, and public verification, on infrastructure the judiciary controls.

Judicial rails for the decentralised, on-chain economy.

WHO WE ARE

Deca4 is a UAE-based government technology firm with deep experience in judicial digital transformation, building the blockchain systems of record that serve millions of citizens.

TRUSTED BY GOVERNMENTS AND REGULATORS

TDRA
هيئة تنظيم الاتصالات والحكومة الرقمية
TELECOMMUNICATIONS AND DIGITAL GOVERNMENT REGULATORY AUTHORITY

حكومة رأس الخيمة
Government of Ras Al Khaimah

محاكم
DIFC COURTS

A judiciary that is immutable, transparent, and *built for the on-chain economy*

Putting court records on a blockchain does more than digitise files. It makes every judgment permanent and publicly provable, and positions the judiciary at the centre of a fast-growing on-chain economy of crypto and tokenised real-world assets.

01

Immutable records

Every court document is hashed onto a **public ledger**, tamper-proof and permanent. Forgery becomes impossible, by any party, including the court itself.

02

Public transparency

Anyone, a bank, a foreign court, a citizen, can **verify a judgment or document instantly**, with no account and no access to court systems.

03

Growing digital asset industry

The on-chain asset base is expanding fast, **crypto and tokenised real-world assets**. A judiciary that operates on-chain can attest, resolve and enforce across all of it.

The court's records made permanent and public, and a judiciary ready for the economy moving on-chain.

OUR CAPABILITIES

What we build for the *judiciary*

01 Court Document Attestation

LIVE · DIFC

IMMUTABLE COURT RECORDS

- Judgments, orders and wills **hashed on a public ledger** at issuance.
- Tamper-proof and timestamped, provable by anyone.
- Forgery becomes impossible, including by the court.

02 Digital Notarisation

LIVE · DIFC

A NEW DIGITAL SERVICE

- Citizens notarise online, **automated, by video, or in person**.
- Blockchain-backed certificate, verifiable permanently.
- A fee-generating digital service for the court.

03 Digital Wills & Inheritance

ON-CHAIN SUCCESSION

- Wills over **documents and crypto assets**, registered on-chain.
- On a court order, assets transfer to heirs automatically.
- No estate is frozen and no digital asset is lost.

04 Dispute Resolution Oracle

THE COURT AS ON-CHAIN ARBITER

- Court rulings fed back on-chain as an **authoritative oracle**.
- Smart contracts execute the judgment automatically.
- The judiciary is the source of truth for on-chain disputes.

Attestation and notarisation are live today at DIFC Courts*; the same rails extend to inheritance and dispute resolution.*

COURT DOCUMENT ATTESTATION

Immutable issuance of *public documents*

Every court-issued document, a judgment, order, will or certificate, is hashed onto a public blockchain the moment it is issued. The record is permanent, timestamped, and *provable by anyone, forever*.

> *Once attested, a document can never be altered or backdated. Its authenticity is* provable directly from the chain, *exactly as the court issued it.*

STEP 1

Court issues

A document is created in the court's existing case-management system, with no new interface for staff.

STEP 2

Hashed

It is cryptographically hashed into a unique fingerprint of the exact content.

STEP 3

Attested on-chain

A non-transferable certificate is minted on a public blockchain, its metadata stored on-chain.

STEP 4

Publicly verifiable

Anyone verifies it by QR or hash lookup, instantly and free, with no account.

Immutable notarisation, *delivered digitally*

STEP 1

Request

The citizen books a notarisation online, **automated, by live video, or in person**.

STEP 2

Verification

Identity and documents are checked ahead of the session.

STEP 3

Notary certifies

A qualified notary officer reviews, witnesses and certifies the document.

STEP 4

Blockchain issuance

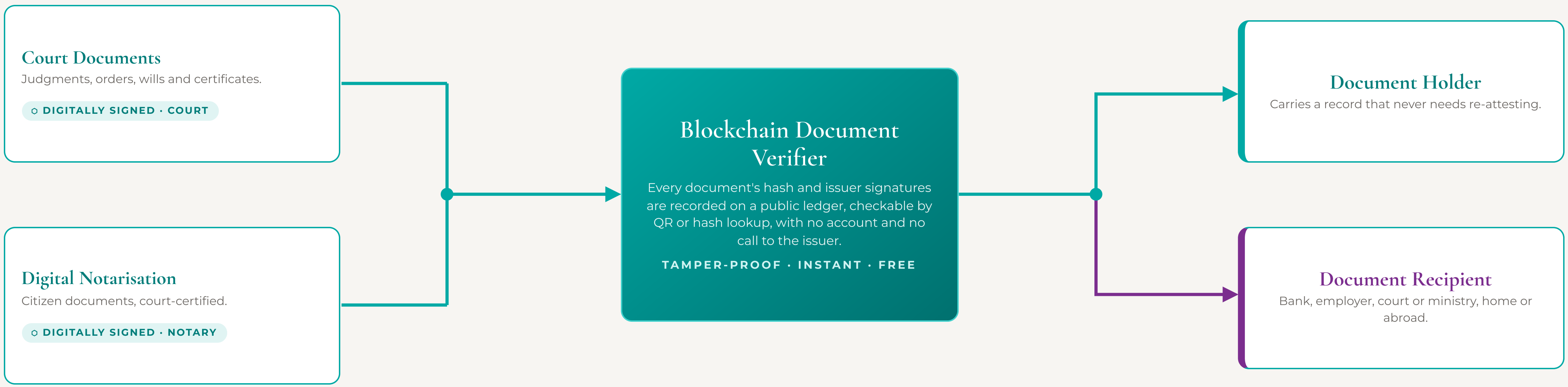
A tamper-proof certificate is minted on a public chain and issued to the citizen.

Citizens notarise documents through the court *without a physical visit*. The court certifies, and a blockchain-backed certificate is issued, permanently verifiable and impossible to forge.

> *The certificate is* tamper-proof and instantly verifiable*, exactly as certified, and every notarisation is a new digital, fee-generating service for the court.*

INSTANT VERIFICATION

Any document, verified in *seconds*



Today a legalised document passes through notaries, ministries and embassies, taking days or weeks, with a fee at every step.

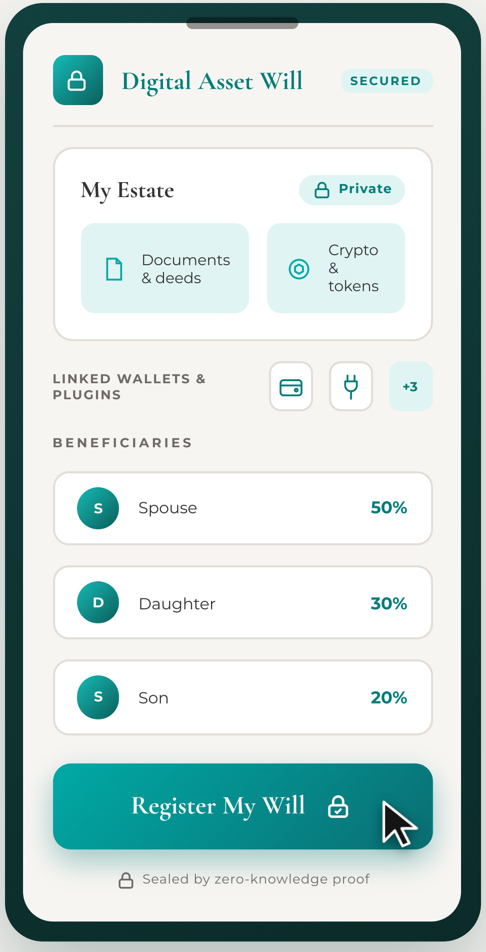
On-chain, anyone confirms authenticity in seconds, with no attestation chain and nothing to request from the issuer.

Wills and assets, *settled programmatically*

A citizen registers one will covering the *documents and crypto assets they want to pass on*, its contents sealed by zero-knowledge proofs. The court's only role is to confirm probate; the estate then moves to beneficiaries on its own.

- One will for **everything they pass on**, documents and deeds alongside wallets, tokens and title.
- Contents stay **private until probate**, sealed by zero-knowledge proof.
- On confirmation, assets **transfer to beneficiaries automatically**.
- Plugs into citizens' **existing wallets and blockchain plugins**, no new custody.

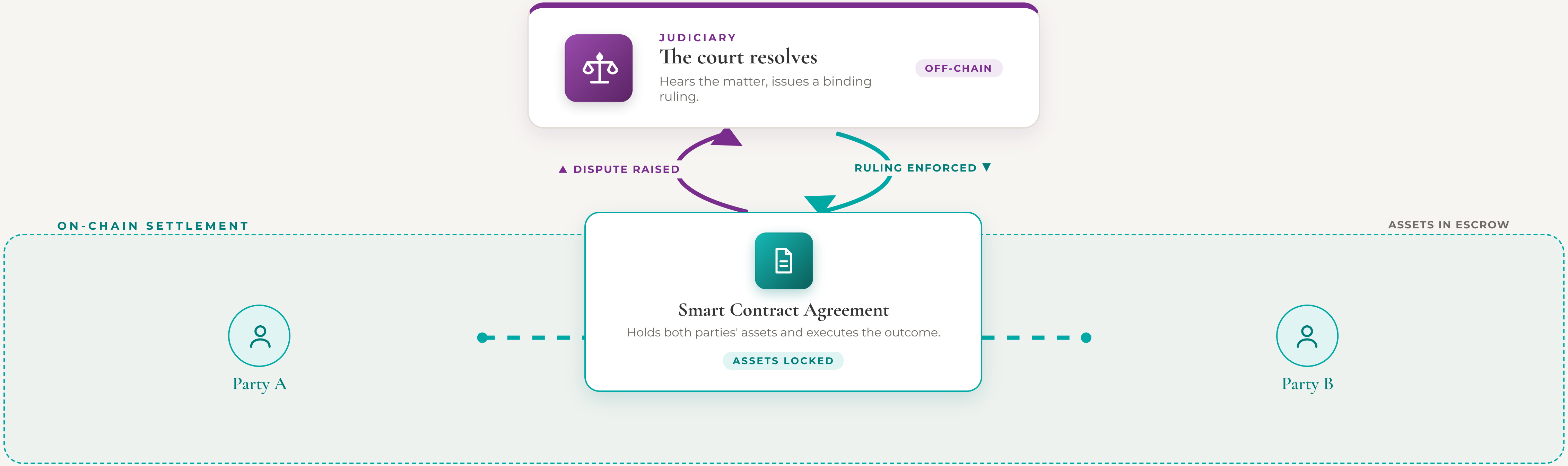
> *No estate is frozen and no crypto asset is lost, the court confirms, the chain executes.*



On-chain enforcement of *court rulings*

When two parties transact on-chain, a smart contract holds their assets. If they dispute, the matter rises to the court; the binding ruling then returns to the chain and the contract *enforces it automatically*.

> *One human step, the ruling. Everything around it executes on-chain, so the judiciary becomes the* source of truth for the on-chain economy.



WHY IT MATTERS

Full court backing for the *on-chain economy*

The digital asset economy is growing fast. Citizens, companies and, increasingly, autonomous AI agents hold value and strike agreements directly on-chain, today beyond the reach of any court. Digital Asset Wills and the Dispute Resolution Oracle bring that activity back under judicial authority.

WHO IS MOVING ON-CHAIN

Citizens
Wallets, tokens and estates

Companies
On-chain contracts and treasuries

AI Agents
Autonomous on-chain activity

As **autonomous AI agents** begin to transact and hold assets on-chain, the same rails keep their actions accountable to the court, not left to run unchecked.

WHAT THE COURT PROVIDES

Digital Asset Wills
Estates and documents pass to beneficiaries on-chain, nothing frozen, nothing lost.

Dispute Resolution Oracle
On-chain agreements become enforceable, disputes are resolved and executed automatically.

Adopt both, and every person, company and AI agent transacting on-chain in your jurisdiction operates with the full backing of the court system.

HOW WE DELIVER

We build the whole system, *end to end*

These are not point tools bolted onto a court. Deca4 delivers the complete system a judiciary needs to run them, from the blockchain trust layer to the screens citizens and clerks actually use.

TRUST LAYER

Blockchain

Smart contracts, attestations and certificates on a **public ledger**, the immutable, publicly verifiable foundation.

INTEGRATION

Backend

APIs and services wired into the **court's existing case-management system**, so staff keep the tools they already use.

EXPERIENCE

Frontend

Citizen portals and court dashboards, the **end-to-end interface** for filing, notarising, verifying and administering.

> *And AI augmentation where it helps, document review, triage and drafting support, applied to the workflow, never to the ruling.*

Two ways to engage, *one outcome you own*

MODEL A

Fixed-Scope Implementation

We scope, build and hand over an agreed set of capabilities for a **defined, capped price**. You budget with certainty and own the system outright on delivery.

BEST WHEN

You have allocated capital and want cost certainty and a clean, procurement-friendly engagement.

MODEL B

Build & Revenue-Share

We build at **no upfront cost** and share in the fees the new digital services, such as notarisation, generate over time. Our incentives are tied directly to the platform succeeding.

BEST WHEN

You want to launch now and prefer to align our reward with the revenue the court earns.

The same system, either way. The only variable is how it is paid for, and your court owns the outcome.

WHERE WE'D START

01 · Introductory Call	Align on priorities and the court's document types
02 · Discovery Workshop	Scope the first capability and integration with your CMS
03 · Implementation Proposal	A fixed-scope plan to a live pilot in months, not years

Thank *You*

We would be honoured to build this with your court.

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