Next-gen Identity:
Verifiable Credentials & AI Agents

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Thomas Krogh?
CEO Copenhagen Fintech

One of us is real, and the other is fake.

Thomas Krogh?
CEO Copenhagen Fintech

'Everyone looked real': multinational firm's Hong Kong office loses HK$200 million after scammers stage deepfake video meeting

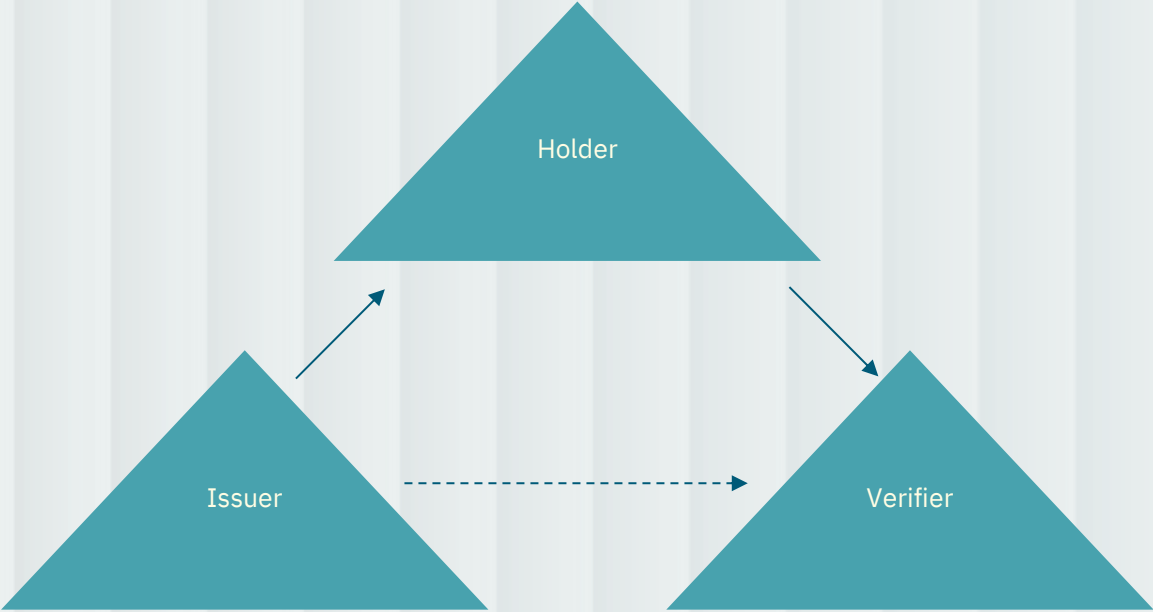This AI Company Releases Deepfakes Into the Wild. Can It Control Them?

A radically new
trust paradigm

"The Internet was built without an identity layer"

– Kim Cameron (Chief Architect of Identity @ Microsoft)

Triangle of **Trust & Verifiable Credentials**

AI Provenance
Certificates

Trust through transparency & accountability

Verifiable Credentials

Digital provenance certificates for AI agents based on W3C standard.

Provenance. Transparent origin trail of training data, AI model, and parties.

Consent for use. Creator and AI service can give (and withdraw) permission.
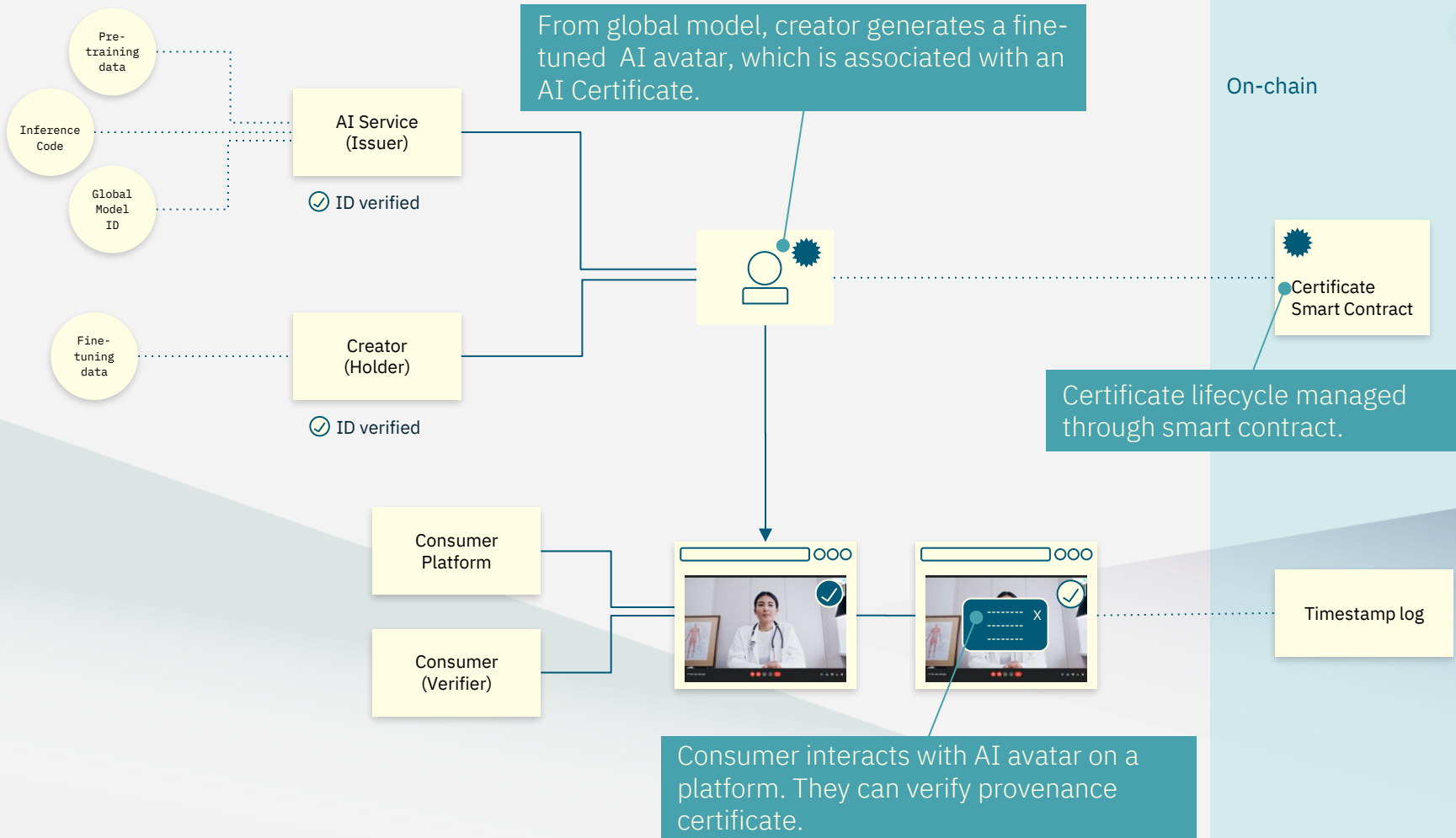
Blockchain

Decentralized ledger as event log and identity service.
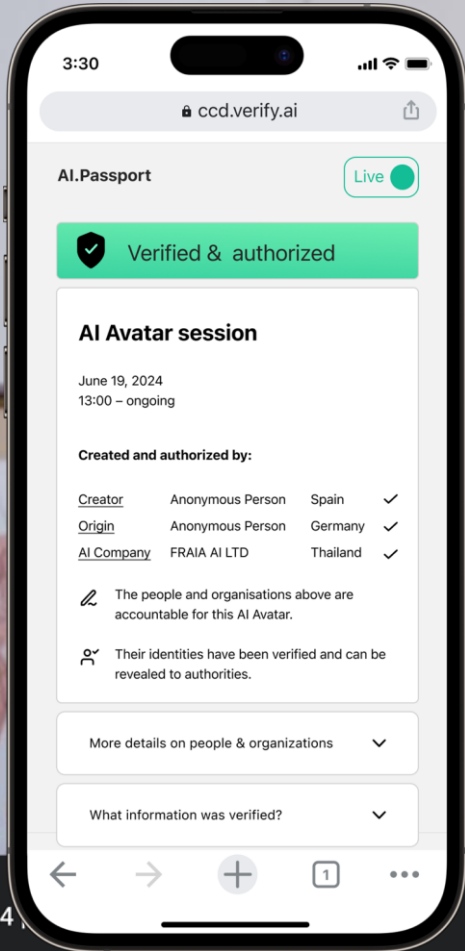
Certificate lifecycle. Smart contracts registers certificate validity.

Private event log. Auditable avatar liveness through timestamp service.

Identity check. On-chain ID object exposed through zk-proofs.

Pre-training data

Inference Code

Global Model ID

Fine-tuning data

AI Service (Issuer)
✓ ID verified

Creator (Holder)
✓ ID verified

From global model, creator generates a fine-tuned AI avatar, which is associated with an AI Certificate.

On-chain

Certificate Smart Contract

Certificate lifecycle managed through smart contract.

Consumer Platform

Consumer (Verifier)

Timestamp log

Consumer interacts with AI avatar on a platform. They can verify provenance certificate.

Get in touch.

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