Prove it once.
Reuse it anywhere.

An identity and wallet protocol for humans, AI agents and machines.

SOLIDUS NETWORK

§ 02 · WHERE THE NAME COMES FROM

Struck in this city.
Trusted across every border.

Constantine introduced the gold solidus around 309 and standardised it across the empire after 324. It was minted in Constantinople, a few kilometres from where we build, and it held its value into the eleventh century.

A published specification	4.5 grams of gold, struck 72 to the Roman pound, about .958 fine. The numbers were fixed and public.
Verifiable by the holder	Anyone could weigh it and test it. You did not have to trust the person handing it over.
What actually ended it	Nothing about the metal. It ended when the issuer debased it.
The parallel	Identity has the same shape. The hard problem was never the proof. It is who vouches for it.

§ 03 · WHAT HAPPENS TODAY

You prove who you are from scratch. Every time.

A bank, then an exchange, then a payment app. Each asks for the same passport, the same selfie, the same proof of address, and checks it from zero. The field calls it the cold-start problem: every first interaction begins from nothing, with data that already exists.

The person	fills in a form they have already filled in elsewhere, uploads the same documents, and waits again.
The institution	pays for a check another institution already performed and cannot share. Every firm in the sector repeats the same spend.
Every copy	starts going out of date the moment it is taken, because each institution holds a snapshot instead of reading from the source.
Nobody	keeps the result in a form the next institution can accept.

§ 04 · WHAT IT COSTS

Both sides pay for the same check.

Not one bill. It lands in three places at once, and only one of them shows up in a budget.

Money	Every re-check is bought again from a vendor, per applicant.
Abandonment	People leave during onboarding. The ones who leave are the ones you paid to acquire.
Liability	You answer for data you had no means to verify at the source.

§ 05 · WHAT CHANGED

You can no longer tell who is on the other side.

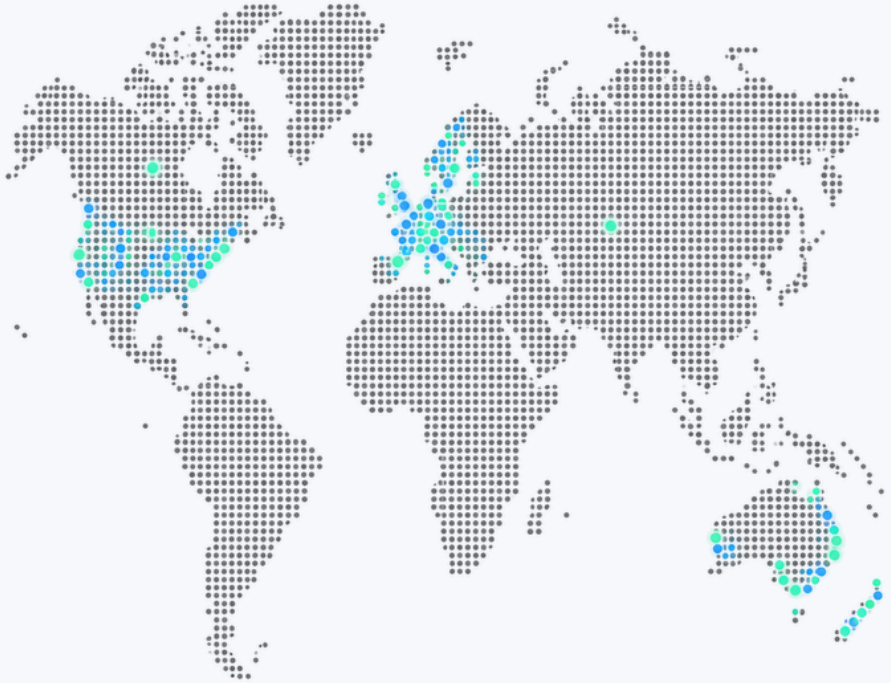
A generated face, a cloned voice and an agent acting on someone's behalf are now indistinguishable from the real thing at a distance. Every remote identity claim has quietly become unfalsifiable.

The face	Synthetic video and voice are good enough that looking and listening no longer settle it.
The traffic	A large share of what reaches a login screen is automated, and the receiving side cannot separate it from people.
The agent	Software now acts for a person by design. That is not fraud, but the other side still has no way to know who it acts for.
What survives	Not appearance. Only a claim someone else can verify, issued by a party the receiver already trusts.

Governments are legislating the missing ingredient.

A self-issued identity is worth nothing until someone is obliged to accept it. That obligation is what every earlier attempt lacked, and it is now law on three continents.

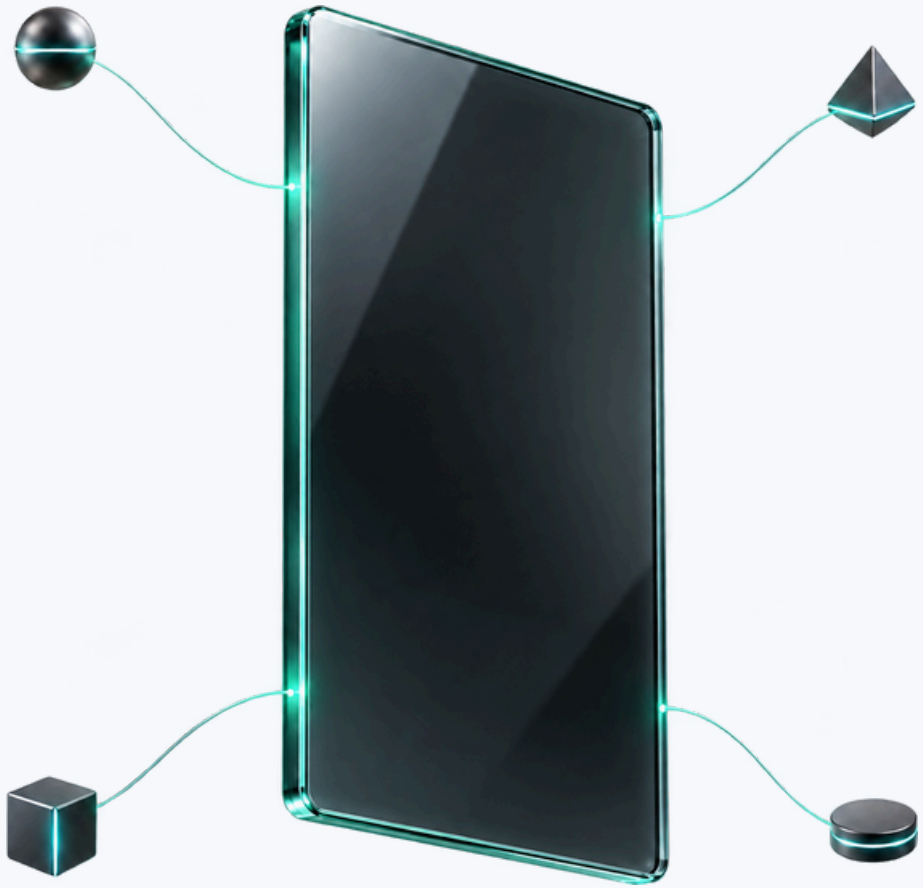
eIDAS 2.0, European Union	Regulation (EU) 2024/1183. Every member state must offer a wallet by December 2026. Reference framework v3.0.0, 23 July 2026.
ISO 18013-5 mobile driving licence	Published 30 September 2021. Norway first in Europe, October 2019. Twenty-one US states and Puerto Rico issue one today.
And beyond	Ontario, Kazakhstan, Iceland, Denmark and Austria are live. New Zealand legislated in May 2026.
The honest caveat	Fewer than a third of member states meet the readiness benchmark. Germany's first wallet is expected early 2027. The mandate is real, the timeline is slipping.



One credential.
Issued once. Presented anywhere.

A verified identity becomes a credential the person holds. The next institution checks the signature instead of repeating the work.

Issue	The check happens once, by whoever is qualified to do it.
Hold	The credential sits with the person, not in our database.
Present	They show it to the next institution, on their terms.
Verify	Checked cryptographically, in milliseconds, offline if it must be.



§ 08 · THE PART NOBODY EXPECTS

Prove you are over 18 without showing your birth date.

Selective disclosure. The credential answers one question truthfully, reveals nothing else on it, and stays cryptographically verifiable.

The bar	learns you are over 18. Not your name, not your address, not the day you were born.
The exchange	learns you passed KYC and in which jurisdiction. Nothing more than its rule requires.
Neither	can correlate you with the other, or has to store a document it never wanted to hold.

§ 09 · WHERE THE DATA LIVES

Your data stays yours.
We never hold the copy.

Personal data lives in the person's own Solid pod, one pod per person, and the chain never sees it. That is an architectural choice with consequences you can check.

Solid pods	We run a Solid server. Storage is a pod the person owns, isolated per user, not pooled into one database we query on your behalf.
Nothing personal on the chain	Only hashes, revocation status and the trust registry are written. A ledger is public and permanent, so nothing about a person belongs on it.
Why that resists theft	There is no central pile of passports and selfies to breach. Reaching one Pod reaches one person, not a population.
The holder decides	A credential is presented only when the person signs for it, and selective disclosure means they send the one fact required and nothing else.

§ 10 · OPEN STANDARDS

We invent exactly one thing. Everything else is a standard.

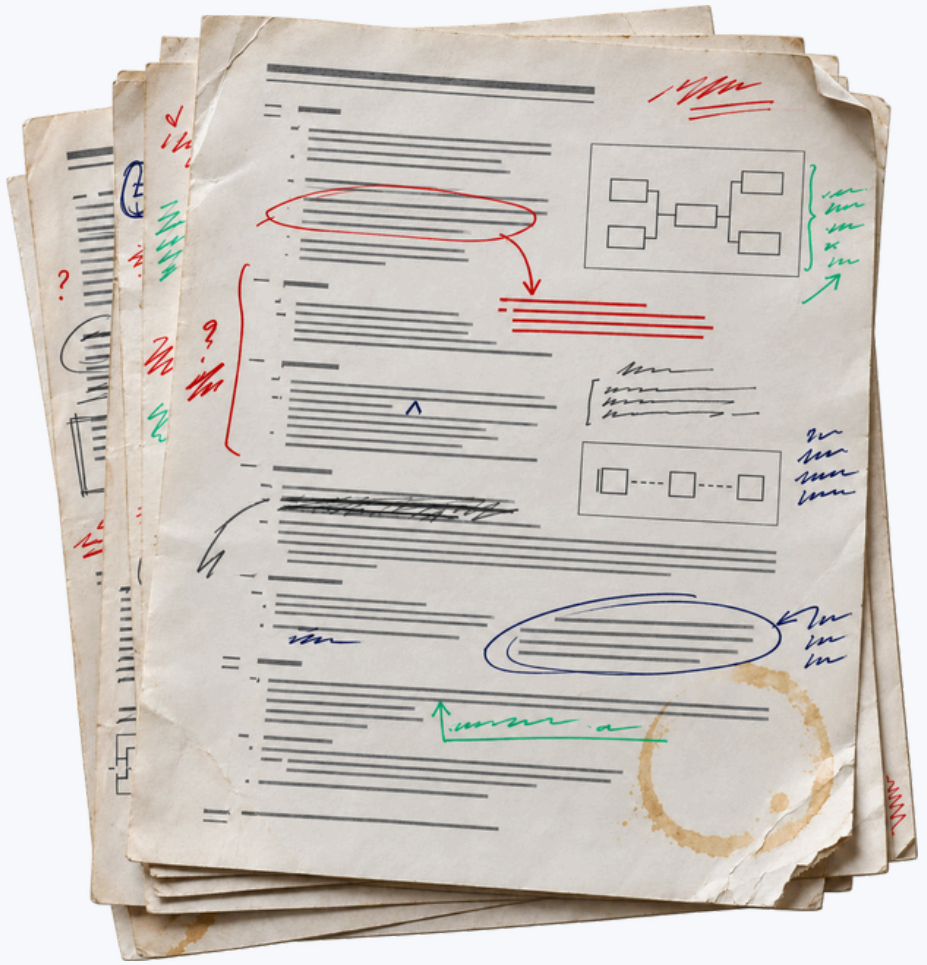
A credential is only reusable if a stranger can verify it without asking our permission. That forces open standards, and standards outlive the companies that adopt them.

Credentials	W3C Verifiable Credentials and DIDs, SD-JWT VC, BBS+ for selective disclosure, IETF status lists.
Wallets and transport	OpenID4VCI and OpenID4VP, DIDComm v2, FIDO2 and WebAuthn, OAuth 2.
Documents and assurance	ISO 18013-5 and -7 mobile driving licence, ICAO 9303, NIST SP 800-63, ETSI, DIF Presentation Exchange.
The one invention	The chain that anchors it. Nothing else here is ours, and that is the point.

We sit in the rooms where the specs get written.

A protocol company that does not participate in the standards bodies is quoting other people's work. These are the ones we are actually in, stated at their real status.

Decentralized Identity Foundation	Associate Member. DIF stewards DIDComm, BBS+ and Presentation Exchange, three of the pieces this architecture depends on.
W3C Credentials Community Group	Joined. The group that carries Verifiable Credentials and DID work.
Trust over IP	Contributor membership submitted through LF Decentralized Trust. Submitted, not yet confirmed, and we will say so until it is.
Fintech Gate İstanbul	In the current cohort, run by Fintech Zone.

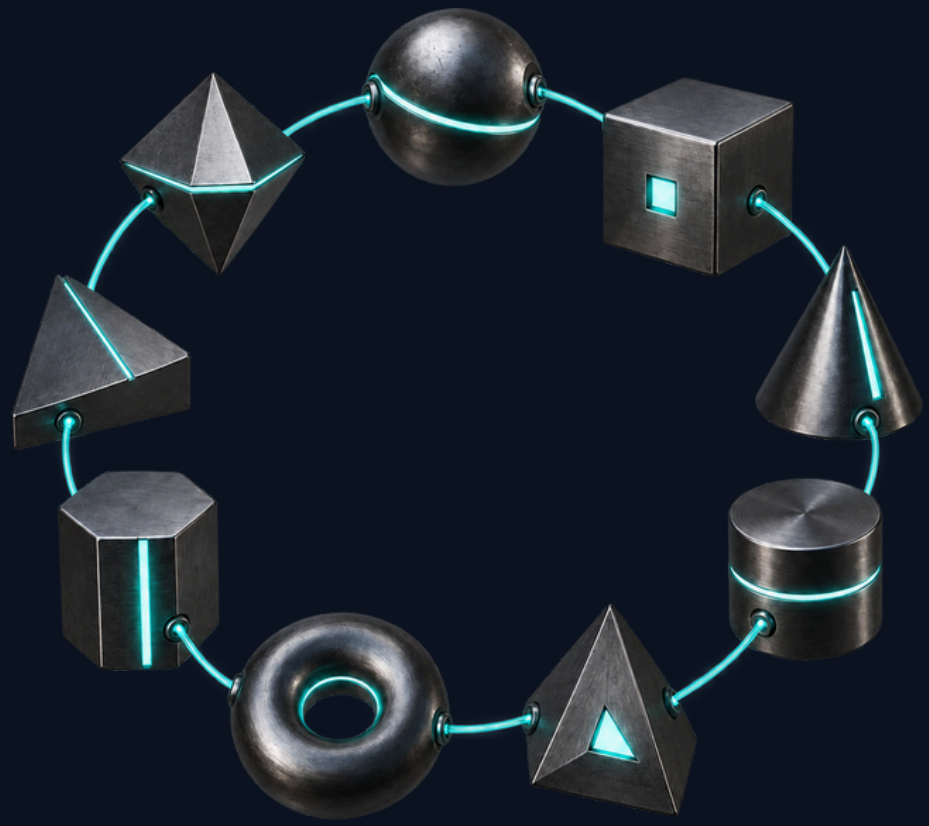


§ 12 · LIVE TODAY

Not a roadmap.
You can open these now.

Nine products, live and reachable from any browser. The public demo runs against the same infrastructure, and did:web:solidus.network resolves right now.

Verify Identity Auth	identity, credentials and sign-in
Wallet Pod	where a person holds and stores what is theirs
Agents Relay	identity for software and machines, not only people
Node Explorer	the chain underneath, and the window onto it



Anyone who runs
the same check twice.

The first buyers are the institutions already obliged to verify people, because they are the ones paying for the repetition today.

Banks and exchanges	and payment platforms that run KYC as a condition of doing business.
Regulated operators	that must report who used a service, and carry the liability for data they cannot check.
AI agents	act on a person's behalf, and the receiving side cannot tell who for. The same credential answers it.

What is not done, said by us first.

Everything on the other slides is checkable from your phone right now. These are not, and you should hear them here rather than find them afterwards.

Testnet, not mainnet	The chain runs and produces blocks. It carries nobody's production traffic yet.
No completed audit	Scoping is under way with an external firm. Until it is signed and finished, we do not claim it.
No paying customer	We would rather say it first than have you discover it in diligence.
ISO 18013-5 mdoc	Not implemented yet. We ship SD-JWT VC, one of the two formats EUDI mandates, and mdoc is a build we have not done.

§ 15 · TALK TO US

Try it yourself.
Then talk to us.

Scan for the live demo, or write to us and we will walk through your own onboarding flow with you.

Fatih Koçkesen	Founder & CEO · fatih@solidus.network
Yasin Yıldırım	Founding Advisor, protocol and cryptography · yasin@solidus.network
Founding advisors	Yusuf Alapan, finance · Feyza Solmaz, ecosystem and events · Atakan Demircan

SOLIDUS NETWORK

live demo

did:web:solidus.network