Indicio

iProven™

A complete open source
Trusted Digital Ecosystem

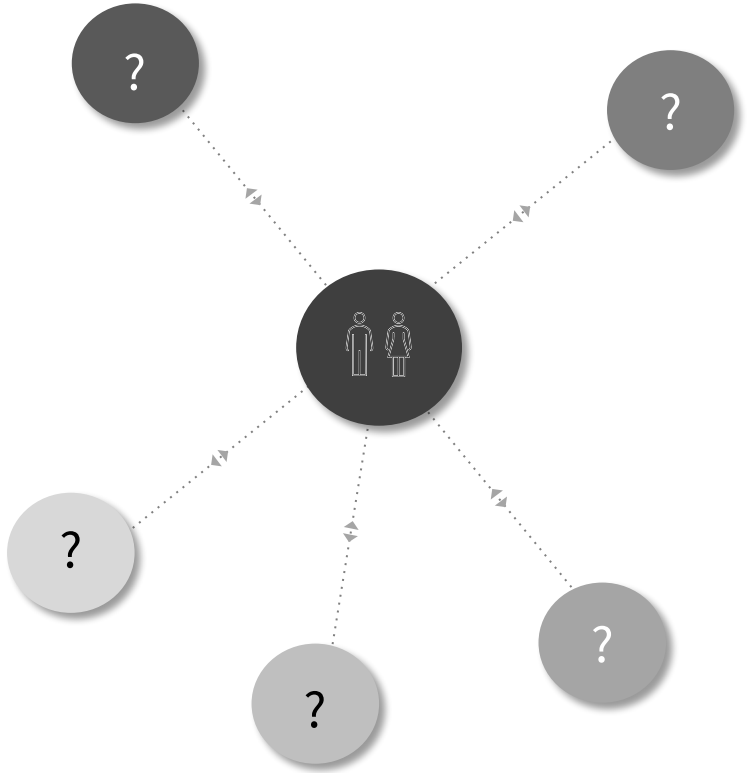
The digital identity **problem**

How do you know who you're interacting with online?
How can you verify digital data?

The internet was created without an "identity layer" for people, entities, and things

As digital interaction has grown to encompass billions of people, companies, organizations, and IoT devices, traditional systems have struggled to manage:

- **Authentication**
- **Privacy**
- **Security**



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The **cost** of the digital identity **problem**

Poor digital identity systems are costing you money

- **Businesses:**
  - Fraud
  - Hacks & breaches
  - Legal concerns over data privacy
  - Loss of productivity
- **Customers:**
  - Friction
  - Poor CX
  - Privacy

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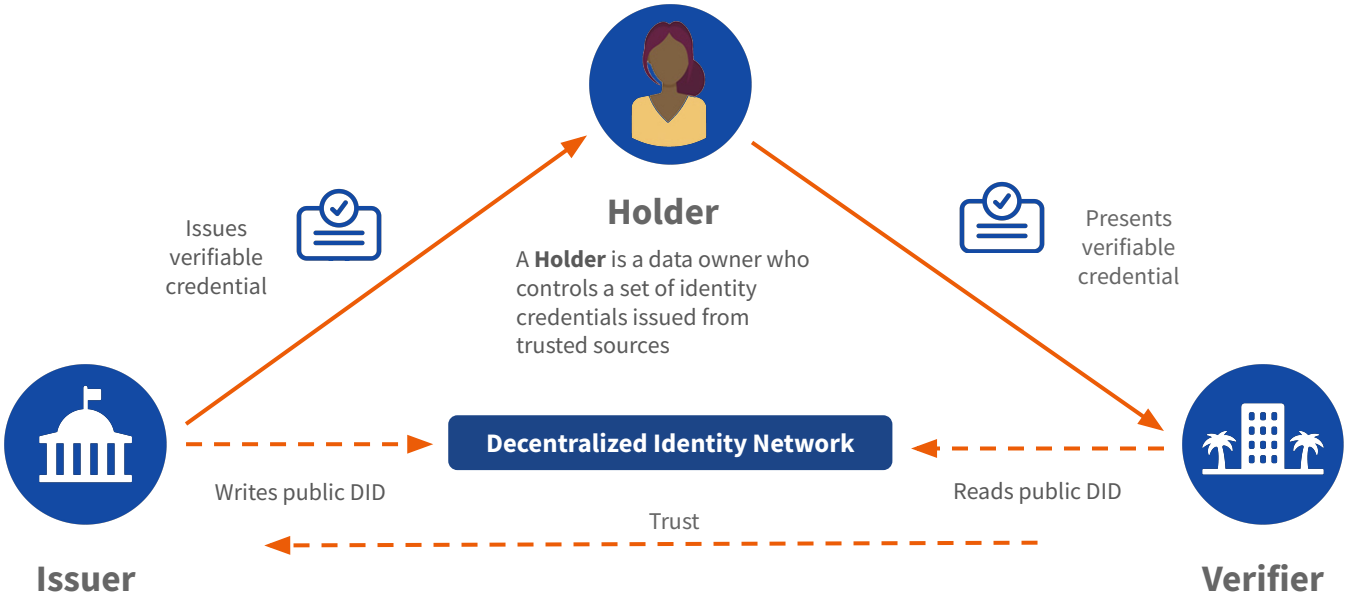
A better way:

Trusted Digital Ecosystems

Trusted Digital Ecosystem with Verifiable Credentials



Issuers create credentials. A credential is offered and accepted by the **Holder**, who is a positively identified data owner

A **Decentralized Identity Network** is a distributed ledger where Schemas, Decentralized Identifiers (DIDs), DIDDocs (endpoints and keys), and a Revocation Registry are maintained

Holders share identity credential claims with **Verifiers**, trusted entities that the holder needs or wishes to share data with

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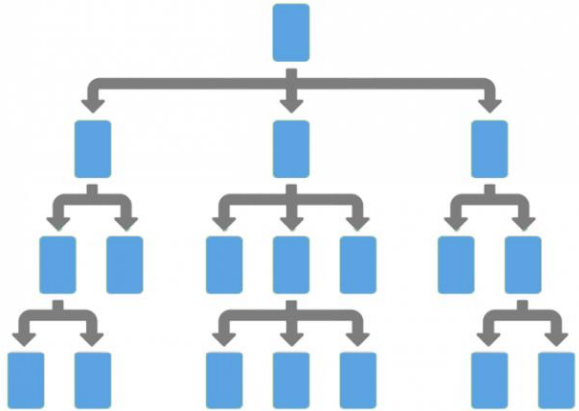
The challenges of current **Verifiable Credential Solutions**

- **Vendor lock-in**
- **Closed, walled-garden solutions**
- **Lack of interoperability**
- **Point solutions and standalone components**



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Proven™

Prove Anything.

The Proven™ **solution**

- Proven™ is designed as a complete starter kit for building open source Trusted Digital Ecosystems.
- Trusted Digital Ecosystems enable parties to issue, share, and verify digital data in a privacy-preserving way, using verifiable credential technology.
- Proven makes it easy to implement, manage, customize, and scale your own Trusted Digital Ecosystems.

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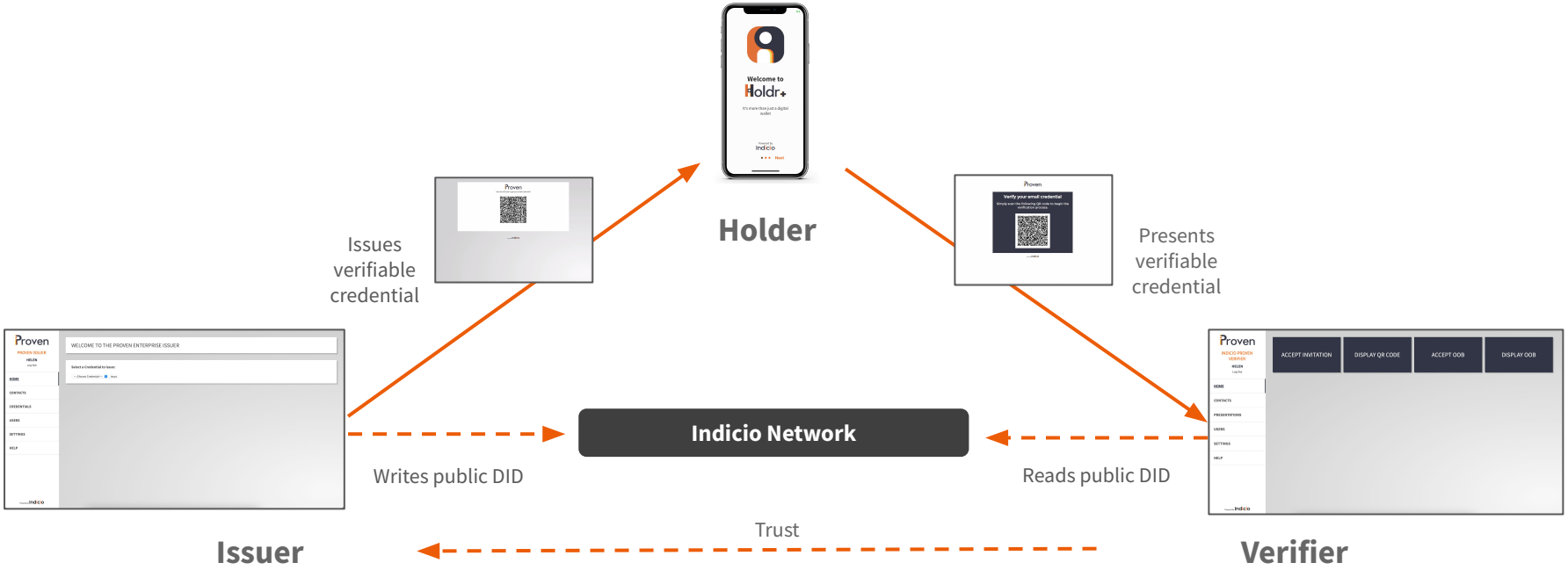
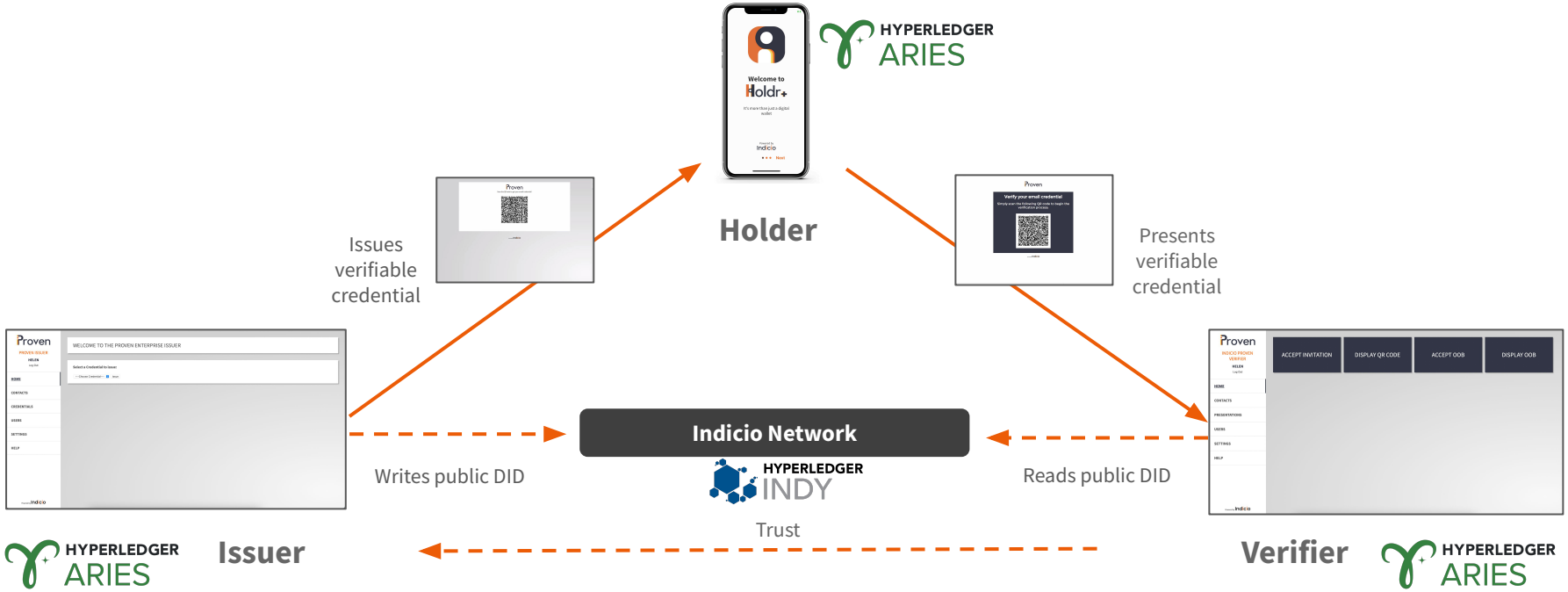
How **Proven** creates a **Trusted Digital Ecosystem**



Trusted Digital Ecosystem using open source **technologies**



The Proven™ **solution**

Proven™ is a complete starter kit for building open source Trusted Digital Ecosystems to authenticate and create immediately actionable data through verifiable credentials

Indicio **Proven™:**

- Verifies who you're exchanging data with
- Verifies without violating privacy (HIPAA, GDPR, CPRA, eIDAS 2.0*)
- Verifies without requiring backend integration between issuers & verifiers
- Verifies securely, using encrypted, peer-to-peer communications
- Verifies at any scale

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The Proven™ **solution**

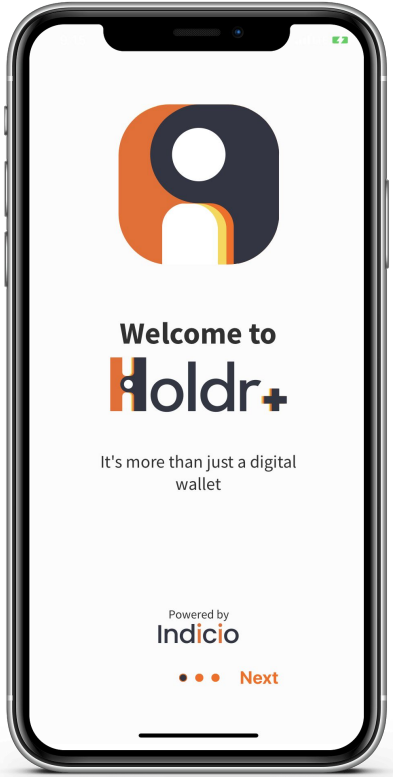
Proven™ is a complete starter kit for building open source Trusted Digital Ecosystems to authenticate and create immediately actionable data through verifiable credentials

Indicio **Proven** ™ is also

- Easy to integrate into existing systems
- Built on interoperable components, open source code, and open standards
- Fully open source — customers own their solutions; there is no vendor lock-in

Use **Holdr+** to make trusted, digital **connections**

- Built with Hyperledger Aries Bifold open source code
- Interoperable with other Aries-compatible solutions
- Communicates using advanced DIDComm messaging

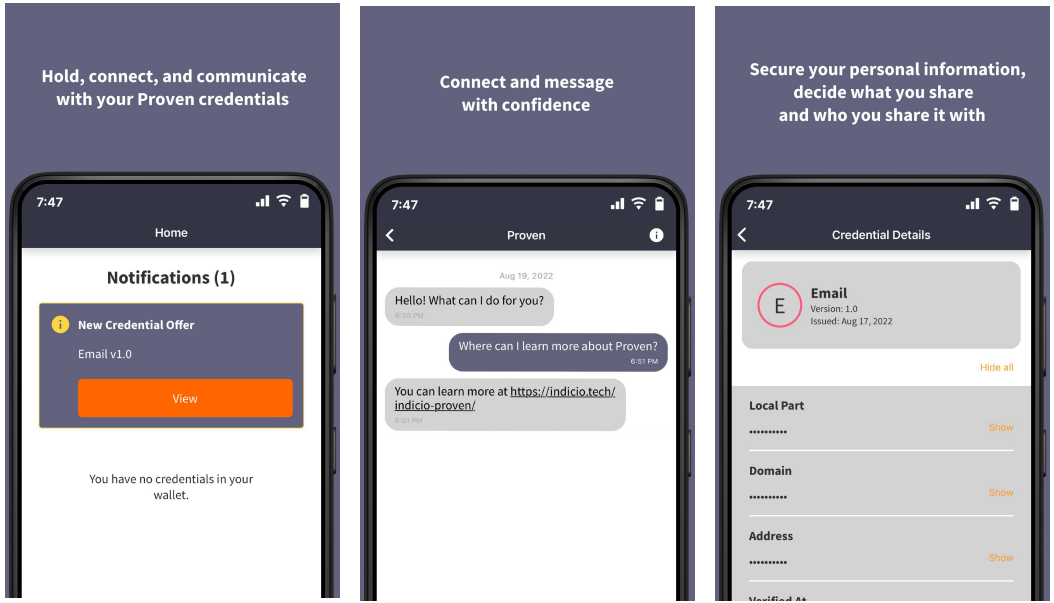


Download on the App Store

ANDROID APP ON Google play

Use **Holdr+** to make trusted, digital **connections**

Holdr+ joins Proven™ to make it easy to connect, collect, and share verifiable digital credentials



Authenticate and share high-value data, make it immediately actionable, preserve privacy and enhance security using decentralized verifiable credential technology; a digital wallet app using Hyperledger Aries Bifold and DIDComm

DIF

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Secure messaging through **DIDcomm**

Proven™ Demo

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Proven™ **components**—what's in the box

Verifiable Credential Schema: A flexible template, hosted in the cloud, for creating a verifiable credential, using open source and interoperable standards.

Issuer and Verifier Agents: Simple software hosted in the cloud to connect, issue, and verify credentials; integration APIs available.

Mobile App and Mediator: Software hosted in the cloud to enable users to download, store, and use a credential on mobile devices.

Machine-Readable Governance: Agent software hosted in the cloud to establish trusted Issuers and automate information flows via governance files.

Distributed Ledger Network: Configuration and deployment on existing Indicio Networks or any Hyperledger Indy-based distributed ledger network or a custom, public or private network.

Support and Training: Continuous customer support, field-leading training covering every aspect of Proven and Trusted Digital Ecosystems

Maintenance and Updates: Managed updates and comprehensive testing to ensure maximum performance

All Proven™ components are built according to the following formalized standardizations and open-source initiatives for decentralized identity and verifiable claims exchanges. As these evolve, Indicio Proven will incorporate updates.

Decentralized Identifiers (DIDs) v1.0 **(W3C)**

Verifiable Credentials Data Model 1.0 **(W3C)**

Verifiable Credentials Use Cases **(W3C)**

Decentralized Identity Foundation Homepage **(DIF)**

Hyperledger/Indy-Node **GitHub**

Hyperledger/Aries **GitHub**

Hyperledger/Ursa **GitHub**

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Examples of **Proven** in action

Indicio customers are using **Proven** technology to build the future… now

- Banking and finance
- Travel, events, and hospitality
- Identity Access Management
- Healthcare
- Supply chain
- Public sector
- NGOs
- Secure documents
- Pharmaceutical
- Energy, oil and gas
- IoT devices
- Spatial web

How can you use **Proven**?

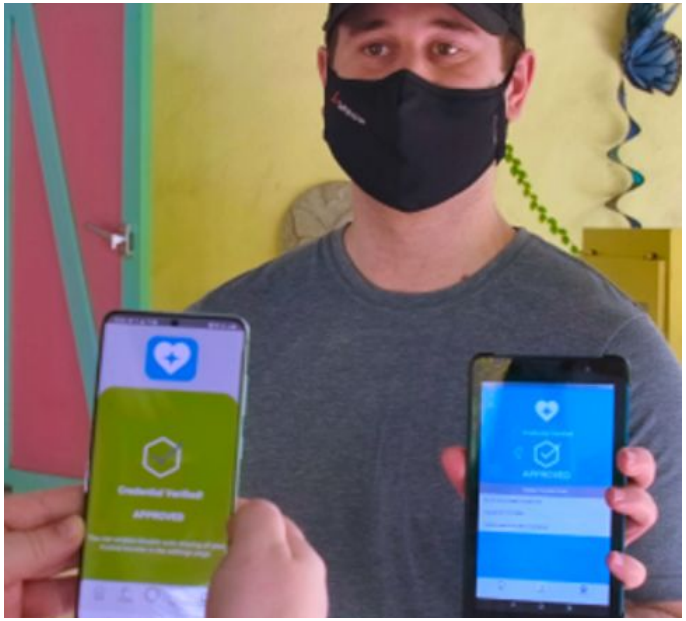
SITA, Indicio pave way to safer traveler experience with launch of Aruba Health App

Credential infrastructure for tourism-based national economy

Allows for scaling and expansion to border crossing prior to departure

"…biometrics and digital identity as important but complex enablers so that travelers can look forward to automatic and identification and clearance… Indicio providing a real-world case study to prove our theory."

—Jet Blue Ventures Newsletter



SITA
Create success. Together

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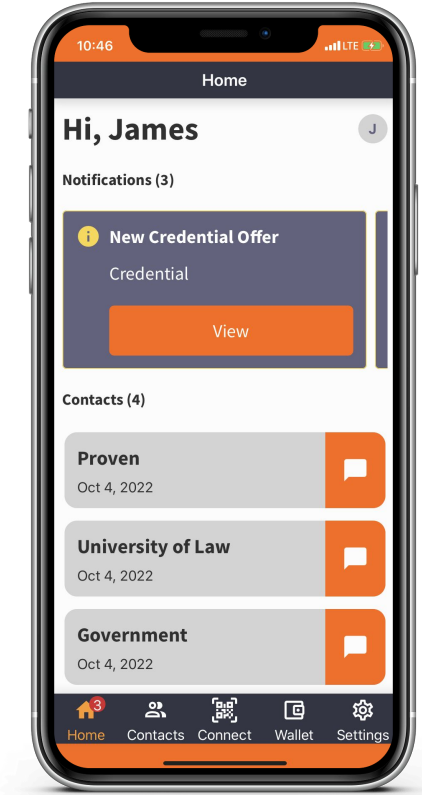
Indicio Services and Support Options for **Proven**™

- Installation & Integration
- Configuration
- Hosting
- Customization & White-labelling
- Consulting
- Training & Education

Get your first **Verifiable Credential** today

1. Download the Holdr+ app
2. Open the **Proven™ Issuer** to send yourself an invitation and connect to receive an email credential
3. Connect to **Proven™ Verifier** to present and verify your credential

Download on the App Store



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Thank **you**

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