

# C.TI Technical Datasheet

## Easy, Secure, Private.

Digital identity and credentials are changing for the better. Decentralization is, at last, putting a user-led, user-owned and consent-based approach at the heart of everything. No more leaks or hacks, no more abuse or misuse of data behind closed doors. It's helping organizations start a fresh page and rebuild trust while enhancing efficiency and improving experiences.

Next-generation verifiable credentials means C.TI meets and respects the needs of issuers, users and verifiers. It is helping C.TI become the standard for digital credentials and it's already used by 600+ organizations across 12 countries including educators, governments, healthcare and membership organizations.

This is the future of badging. Join the decentralized revolution today, so you're not stuck redoing your centralized badging system when it's shut down tomorrow.



### For the Issuer

- Easy to integrate and issue credentials in bulk
- Cryptographic verification protects your brand and reputation
- Pre-built integrations with major LMSes
- Dedicated customer support
- Low cost and easy to get started. Tiered pricing plans according to usage

### For the Owner

- The user is the owner and they're in control. It's private, they own the data
- Trusted by employers, they can be 100% confident in badge provenance and content
- Easy to share when, where and how you want, even when offline
- Easily stored in a wallet and stacked with other credentials

### For the Verifier

- 100% confidence of the authenticity of badge provenance and content through cryptographic verification
- No risk of expired or revoked credentials
- Accept and verify credentials in real-time, even when offline
- Fully machine readable - no manual verifying, sorting or review required

C.TI is from Convergence.Tech, a new breed of company for today's hardest problems.

*"Our partner on the journey of disruption & a leader in so many spaces. They just get it."*

- Mark Hansen, Superintendent, School District of Elmbrook, Wisconsin

### Education

C.TI allows students to articulate clearly, quickly and impactfully the skills they've learned to employers.

### Membership organizations

C.TI enables organizations to digitize their membership and CPD programs. The time/money/experience gains are significant and members love the ease of getting, storing and sharing their achievements, as well as setting clear career pathways.

### Government

C.TI respects and protects the rights of citizens, while modernizing the delivery of services like permits, ID cards, and licenses.

### Industry skills passports

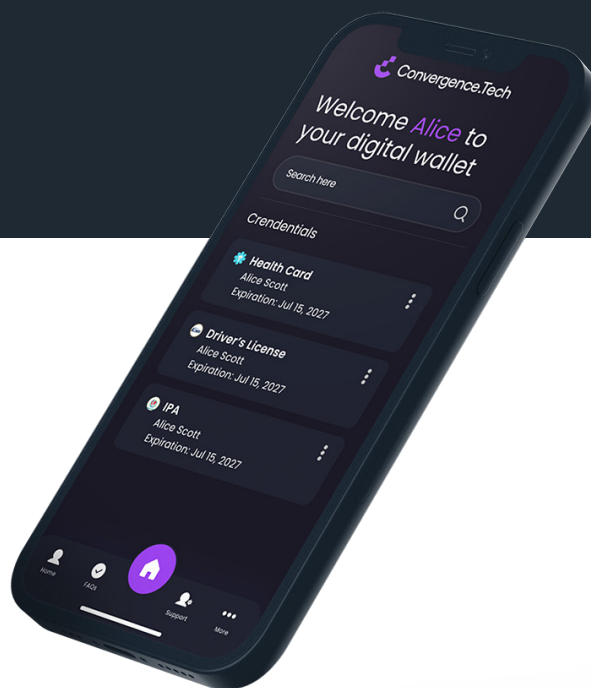
Many industries have needs around worker skills, mobility, training and security. C.TI enables these organizations to reach new levels of efficiency, reducing risk and enhancing security, while motivating employees with clear CPD pathways.

### Who's using C.TI?



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### Built atop leading, standardized and battle tested identity technologies.

C.TI was designed to optimize user experience without compromising privacy or security.

C.TI was built to be easily integrated into existing systems and rapidly scale with the organization.

It's one thing to create Verifiable Credentials and another to move them securely.

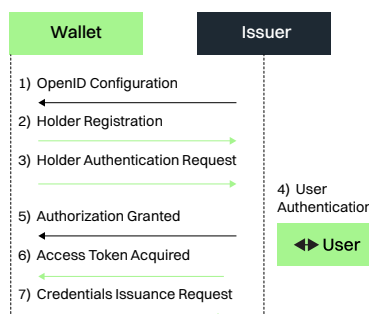
**This is the hard part. This is what C.TI solves.**

### A secure protocol to move your data.

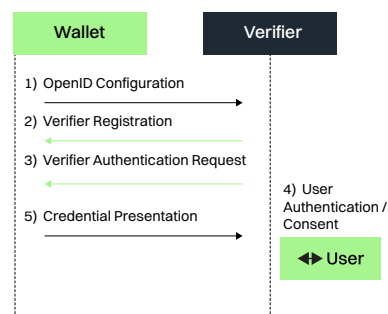
With C.TI not only do you get secure and flexible VC creation but also a secure protocol to move VCs. We leverage the world's most widely used identity protocol: OpenID Connect to move Verifiable Credentials. This is the same technology that has powered literally billions of transactions over the past decade in order to move identity data, for example through social and single sign-on solutions.

### Here's how it works!

#### Verifiable Credential Issuance.



#### Verifiable Credential Presentation.



### C.TI is powered by:

#### Standards.

**Verifiable Credentials Data Model.** Globally leading Credential format aligned to ensure interoperability and portability. Easily extend the data model and integrate customized schemas to meet your needs.

**Decentralized Identifiers.** Cryptographically verifiable identifiers ensure secure and decentralized verifiability of Issuer signed Credentials and Holder signed Presentations.

**JSON and JSON-LD.** Based on the most widely used communication language of the modern internet.

**ECDSA and EdDSA signatures.** Battle tested, standardized and widely implemented cryptographic algorithms keeping your credentials safe.

**OpenID Connect.** The only standardized protocol today supporting the end to end issuance and presentation of Verifiable Credentials.

#### Platform.

**Web based Credential management portal.** Simple startup and platform access directly in your browser, from your laptop or smartphone.

**Mobile and web wallets.** No download required Wallet access for credential management. Private / offline mobile wallet support. Compatible with native (iOS or Android) wallets and other third parties that are standards aligned.

**Cloud API driven.** Easily interact from our interfaces or integrate your own. A simple JSON based RESTful interface.

[Book your demo today](#)

