An Open Invitation to Join an Ayra Card Proof of Concept

What are we asking from you?

We're seeking at least 2-3 additional member organizations to join this limited Proof of Concept (PoC).

Your commitment includes:

- Naming an internal executive-level sponsor,
- Contribution of your team's time (no cash required), and
- Helping define what validation means for your organization.

Ayra will facilitate as co-leader and project manager, providing guidance, technical support, and coordination throughout.

The challenge we're addressing

For organizations worldwide to succeed today and into the future, we must create pathways for universal collaboration. This requires infrastructure that enables safe cross-competitor and cross-organizational identity and information exchange at scale — where individuals, not platform intermediaries, control their own data.

The Ayra Card Protocol opens up an incredible opportunity – one that finally allows us to coordinate trusted information exchange with the individual as the point of integration, transforming how organizations collaborate.

Trusted.Associates, an Ayra Strategic Member, is proposing a Proof of Concept to validate the use of an Ayra Card and Payloads for use in a notional high-assurance environment. As Ayra PoCs are for all members, Trusted.Associates and Ayra are seeking additional participants for this PoC.

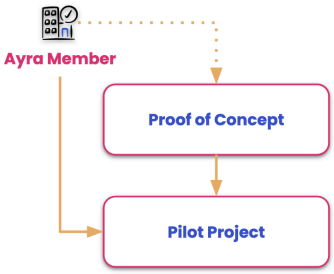
The business case we're building together

Trusted.Associates is co-leading with Ayra a focused PoC to explore how (at least) three independent organizations can conduct a high-assurance, person-authorized sequence — both in-person (*i.e.*, physical) and online — using the Ayra Card Protocol.

This PoC, as a low-cost exploration, tests multi-party coordination without requiring a production commitment and protects your competitive position.

The PoC will share Payloads via a Staff Pass Ayra Card. These Payloads will be used on the receiving end to provide deeper authentication for external systems.

PoC and Pilot



A PoC focuses on using existing technology that is ready to deploy or can be easily configured to explore business cases in a short timeframe - aiming for closure in 60-90 days.

The focus enables us to present a clear concept and identify out-of-scope areas for further exploration. This PoC can also be fast-tracked to a member-funded Pilot if a charter can be defined with measurable operational improvements that can be achieved within a 12-month timeframe.

What does this mean technically?

This PoC aims for the following outcomes:

- Prove that an Ayra Card (*e.g.*, a digital employee badge) can be used in a notional high-assurance environment.
- Use at least one Ayra Card Payload that can be:
    - Generated by an Issuer
    - Held and presented by a Holder (individual)
    - Consumed by a Verifier
    - Defined informally in a PoC - and considered for future management at Ayra. The goal here is to start exercising the “managed Payloads” muscle for the Ayra community.
- Validate that the authenticated channel and Payload created with the Ayra Card protocol can be leveraged in an authentication challenge (*e.g.*, via Keycloak, Entra, Okta or others).

Requirements:

- Confirm that the end systems can meet the Ayra Card conformance criteria. This will be demonstrated by applying the Ayra Conformance Test Suite.
- Ayra Card Payload - the PoC will use Payloads to carry information via the person’s wallet (the Holder) to the end systems.

Out of Scope:

- **Person/Holder Binding:** The PoC will not specify the exact binding approach. However, participants may have a particular approach that is discussed alongside the requirements and learnings, serving as an example of future PoCs or Pilot Projects that could be pursued. It will be the participants' responsibility to capture these additional requirements.
- **OID4VC:** while the Ayra Cards protocol supports OID4VC for credential presentation, this PoC requires an authenticated channel (DIDComm v2.1) and will use DIDComm for credential presentation and other communication.
- **Business Assessment** of High Assurance: The PoC focuses on connecting systems and demonstrating that the holder can transmit a payload to an external system. Each participant will need to assess the assurance level they require and how they will meet it.

What does success look like?

Together, we will prove that interoperability works without bespoke integrations — integrate once, exchange with all conformant participants.

- Demonstrate high-assurance authorization across an authenticated channel, anchored by a credential that is conformant with Ayra Cards.
- Create a minimal, repeatable pattern that any organization can adopt.
- Measure the cost savings of eliminating N-to-N bilateral integrations.
- Validate Ayra governance models that work across competitive boundaries.

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Timeline and deliverables

This PoC is designed to be completed in under 90 days and will be conducted virtually (*i.e.*, no in-person meetings required). Upon completion, participating members will collectively decide whether to recommend proceeding to a member-funded Pilot Project. All findings will be

documented and shared with Ayra members in the quarterly update, with mechanisms for immediate sharing agreed upon by participants.

Why this matters

This is more than a technical proof of concept — it demonstrates and validates the first steps organizations can take to move the needle on digital trust.

By participating, you'll help develop the Ayra Trust Network components, explore governance models that work in practice, and position your organization at the leading edge of secure, person-authorized digital exchange.

Together, we can demonstrate what's possible when we coordinate around shared protocols rather than proprietary platforms.

We look forward to building this future with you!

Next Steps

If you have an interest in participating in this PoC, please either reply to the email that this letter was included with or reach out to Darrell (darrell.odonnell@ayra.forum). A quick conversation will help explore where this PoC may fit with you.

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