Adding SSI to SIP

- Use case customer calls call center and is asked to identify before session proceeds/while session is in progress (re-invite)

See diagram
Stage 1: SIP comms
Deliverable 1: add identified communications as a type of communications sessions to rfc 3261, becomes part of SIP-options message and/or SIP-invite message. Functionality: confirms presence of wallet and sip-ssi endpoint.

Stage 2: DIDcomms
Deliverable 2: didcomm over sip rfc

Possible deliverable 3: Verify the verifier: build on present proof protocol, rfc 0037 and rfc 0441

The Present Proof protocol consists of these messages:

- Propose Proof - Prover to Verifier (optional)
- Request Proof - Verifier to Prover
- Present Proof - Prover to Verifier

The idea is to extend the Request Proof - Verifier to Prover message with a Present proof - Verifier to Prover part.

Area of interest: use case holder pays verifier

Deliverables per mid January

1. “Functional specification of component.md”, one per to-be-delivered component
2. “Interface specification of component.md”, one per to-be-delivered component
3. “Envisioned interoperability with others.md”

3 components:

1. Modified SYLK client - SYLK server
2. Business layer
3. Wallet - can be any wallet but we will use animo to integrate

Envisioned interoperability/interface specification: between 1-2 and 3. Use Eassi as standard?