

CATENA-X RELEASE DAY

GET TO KNOW THE CATENA-X RELEASES



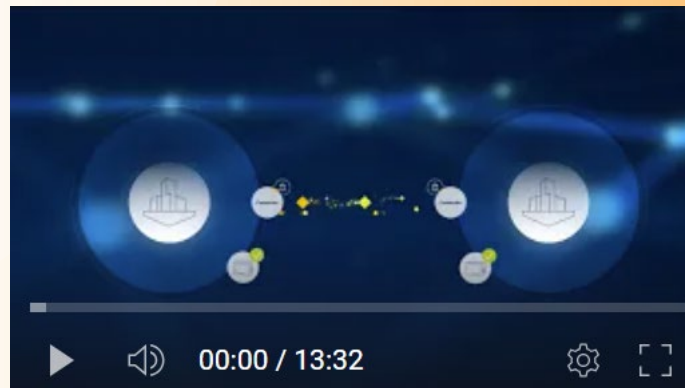
ARENA2036

Data Exchange with Self-Sovereign-Identity

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BMW Group

Release Video: Take Control of Your Data: Using Self-Sovereign Identity for your cross-company Data Exchange via connectors and company identity wallets.

Here on the Catena-X YouTube channel:
<https://youtu.be/8JnGbCWIJZk>

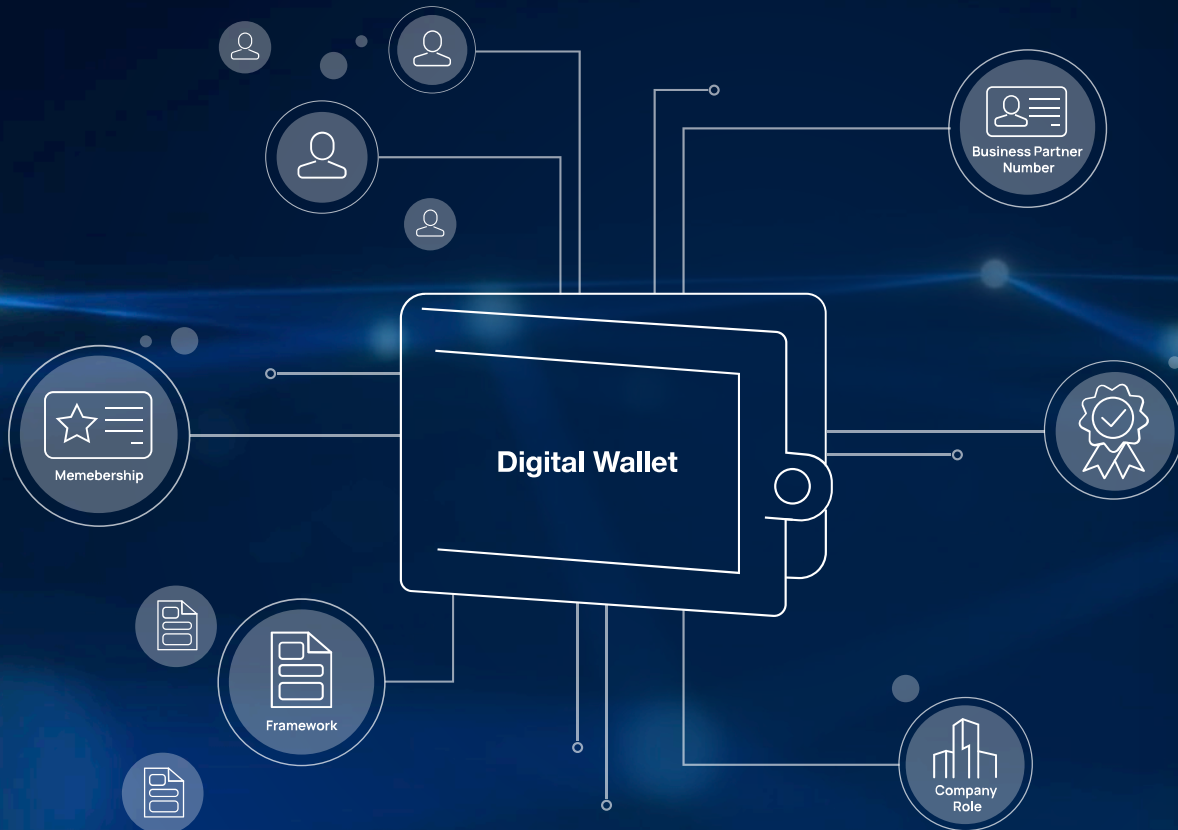




Catena-X Release Day

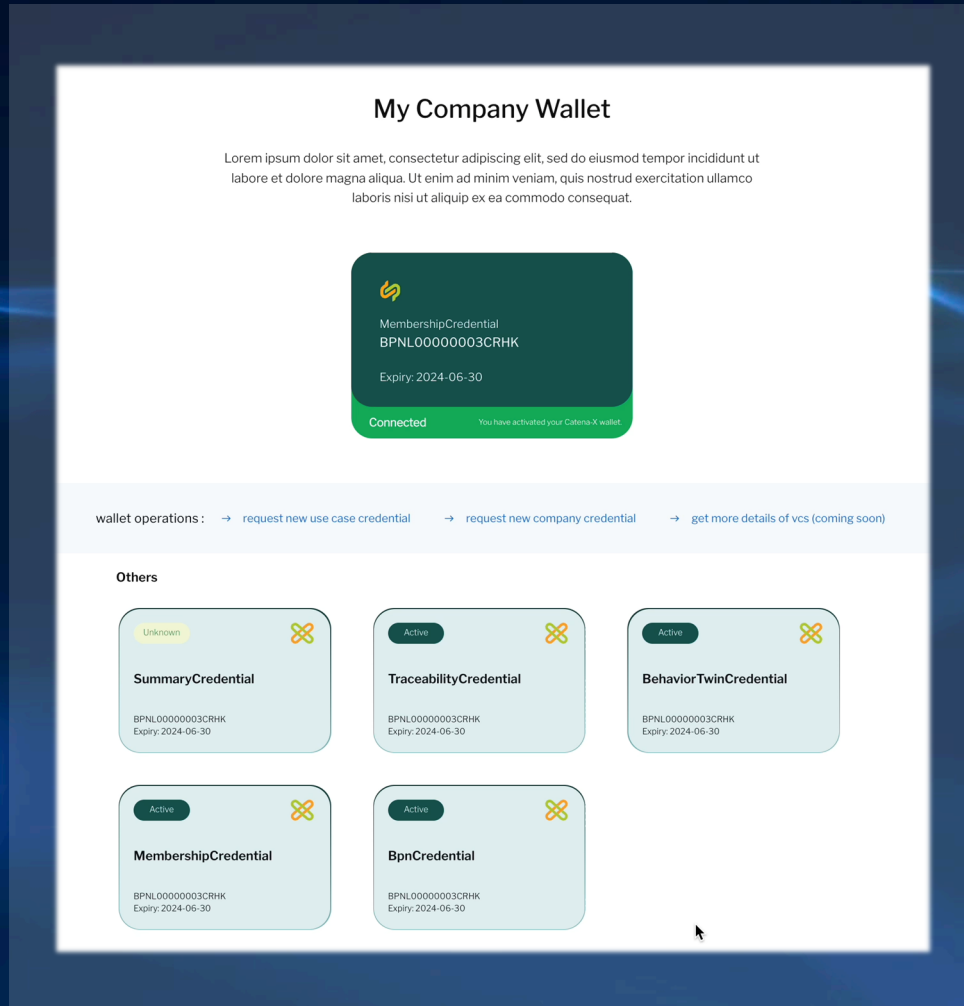
Data Exchange with Self-Sovereign-Identity

Company Identity Wallet



- **Credential management** - Users can manage their credentials at any time, including credentials issued by various authorities.
- **Standardized interfaces** - Standardized interfaces enable multiple wallet providers to offer wallet solutions, ensuring interoperability and ease of use for users.
- **Bring-your-own-wallet** - first steps towards implementing a bring-your-own-wallet feature, which will allow users to bring their own wallet and seamlessly integrate it with our services.
- **FOSS wallet for testing and exploration** - include features such as issuer and customer tenants, signing capabilities, revocation services, and expiry management.

Company Identity Wallet UI



- **Clear and organized presentation of information** of credentials
- **Seamless user experience:** The UI prioritizes a seamless user experience, allowing users to manage their credentials and perform actions quickly and efficiently

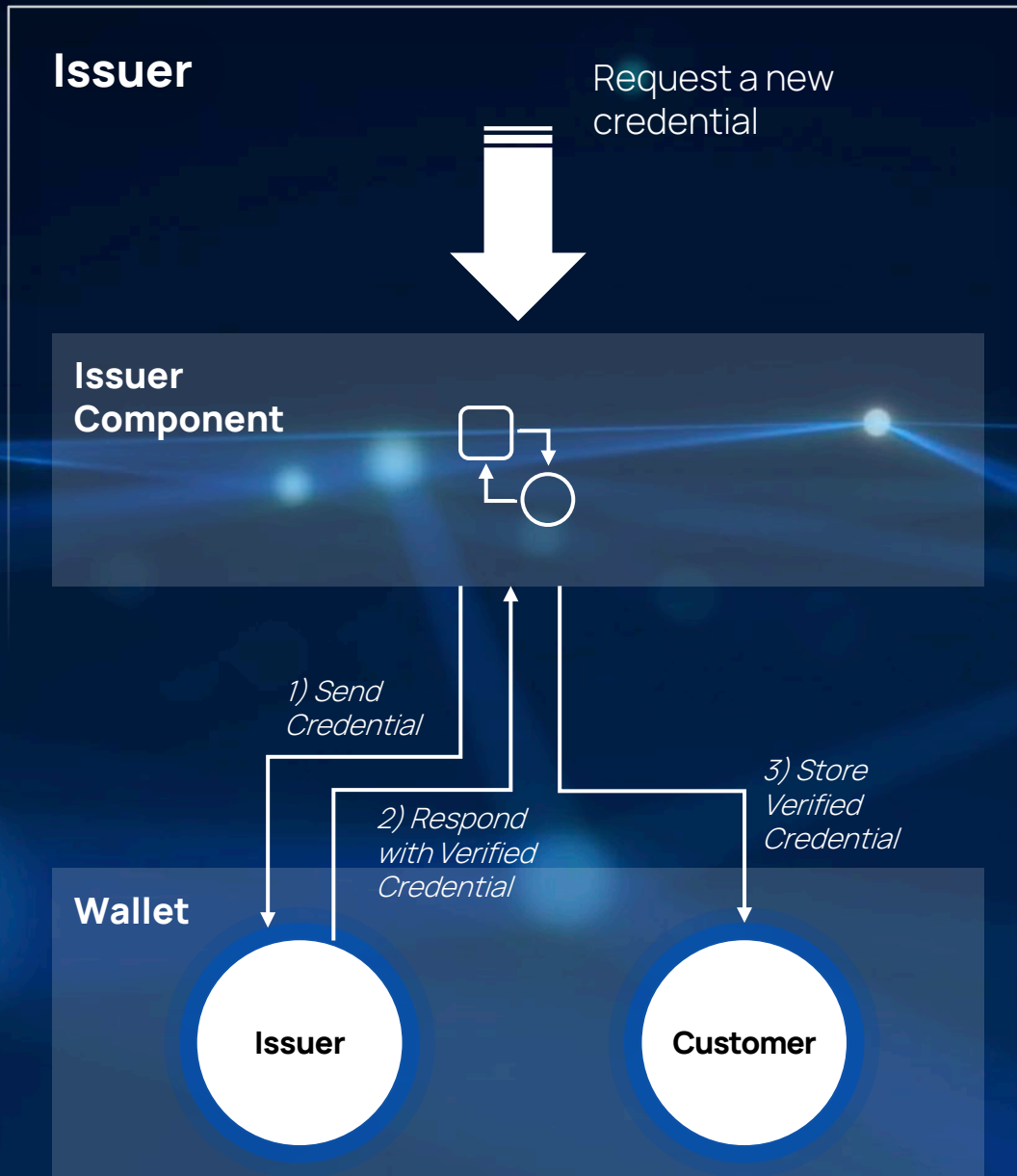
Functional Details

- New credentials will get seamlessly added as soon as credential schema is similar
- Authority details planned

Technical Details

- Currently direct connection to the holder wallet – switch to issuer component under validation

The Issuer Component



- **FOSS Issuer Component release:** The FOSS Issuer Component gets released with 24.05.
- **Setting standards for multi-issuer capabilities:** Standards are being established to ensure the ability to have multiple issuers.

Key Features

- **Credential issuance** - enables the creation and issuance of digital credentials to companies
- **Customizable credential templates** - supports the creation of customizable credential templates
- **Credential revocation** - revocation service is provided to revoke issued credentials in case of any changes or invalidation.
- **Expiry management** - Issuers can set an expiration date for the credentials, ensuring their validity for a specific period of time.

EDC & the Dataspace Protocol

Dataspace

OpCo

Wallet

Secure
Token
Service

Partner 1

Connector

Cataloguing &
Contract
Negotiation

Partner 2

Connector

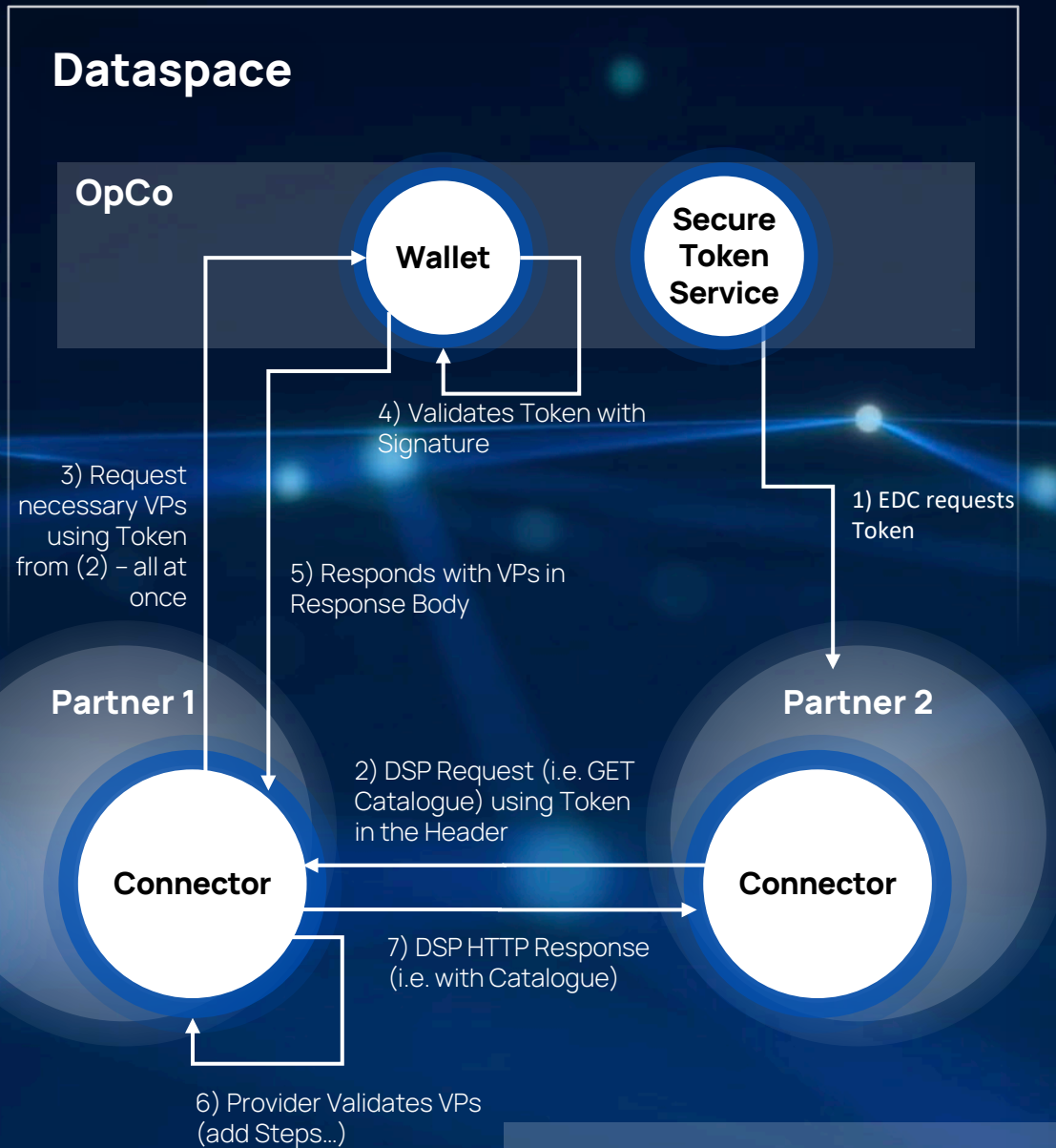
Data Transfer

- **TractusX-EDC release:** The FOSS TX-EDC gets released with 24.05.
- **Setting standards for Data Exchange:** The TX-EDC is based on the Dataspace Protocol as well as the Identity and Trust Protocol, maintained by the Eclipse Dataspace Working group.

The Dataspace Protocol is a set of specifications created to enable data exchange between different legal entities. The specifications describe how entities can share data, negotiate Agreements, and use data within a dataspace.

IATP Presentation Flow

- **TractusX-EDC release:** The FOSS TX-EDC was released on 24.05.
- **Setting standards for Data Exchange:** The TX-EDC is based on the DSP* as well as the IATP*, maintained by the Eclipse Dataspace Working group.
- Provides a mechanism (“Identity System”) for Catena-X members to securely communicate and validate credentials that enables interoperable access to privileged data using the DSP* Specifications in a way that preserves privacy and limits the possibility of network disruption
- Make it possible for independent software solutions to implement these specifications and interoperate on the Catena-X network



- DSP – Dataspace Protocol
- IATP – Identity and Trust Protocol



FEATURE DEMONSTRATION

- DATA EXCHANGE WITH SELF-SOVEREIGN-IDENTITY

See recording of the live stream on Catena-X YouTube
https://www.youtube.com/watch?v=s_uo7vfk6k (starting at 01:44:40)