

Interoperable VCs for Workforce Identity



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Interoperable VCs for Workforce Identity

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Decentralized
No standard tech
Explicit trust
User-owned

Interoperable VCs for Workforce Identity

Tech-independent?
User-chosen?
Cross-compatible?
Easy integration?

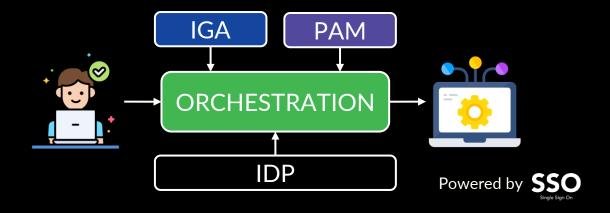
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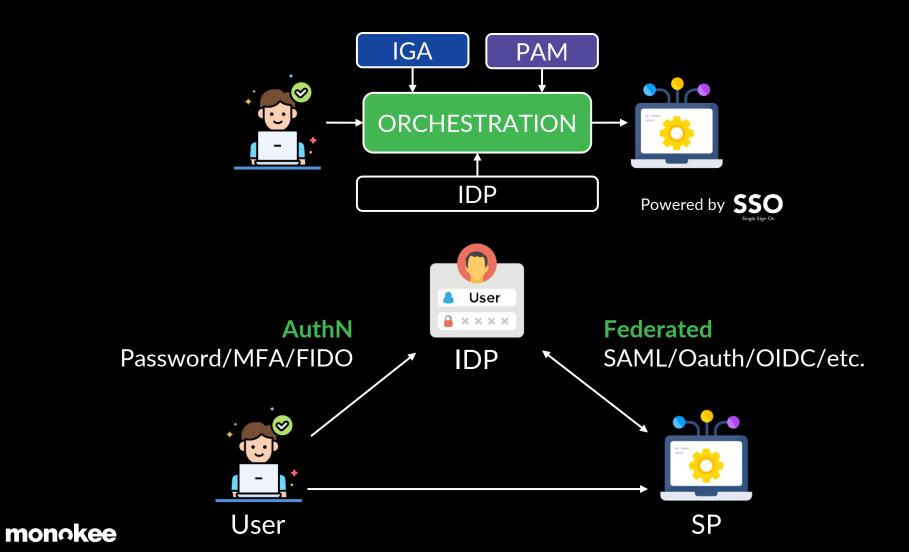
Central Authority Central Control Cross-compatible Easy integration
Explicit Trust
Enterprise-managed but user-owned

HYBRID IAM

Interoperable VCs for Workforce Identity

Tech-independent? User-chosen? Cross-compatible? Easy integration? Decentralized
No standard tech
Explicit trust
User-owned

















On paper, they are wonderful



Security

Fewer Company Hacks



Data Sovereignty

User is IDP itself



Interoperability

Open Standards



Transparency

Public blockchain and accountability

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Compliant with SSI philosophy

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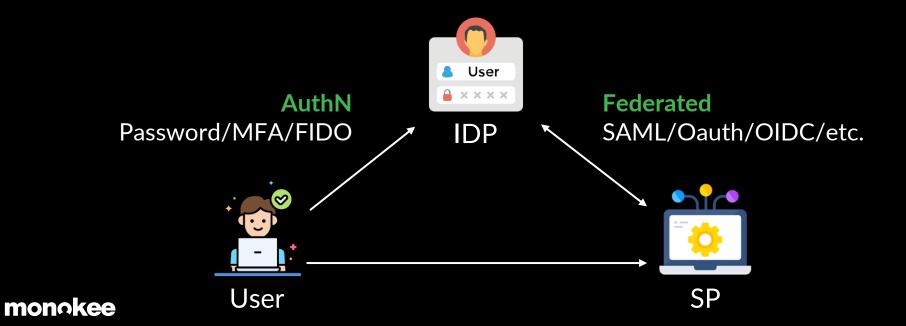
Compliant with SSI philosophy

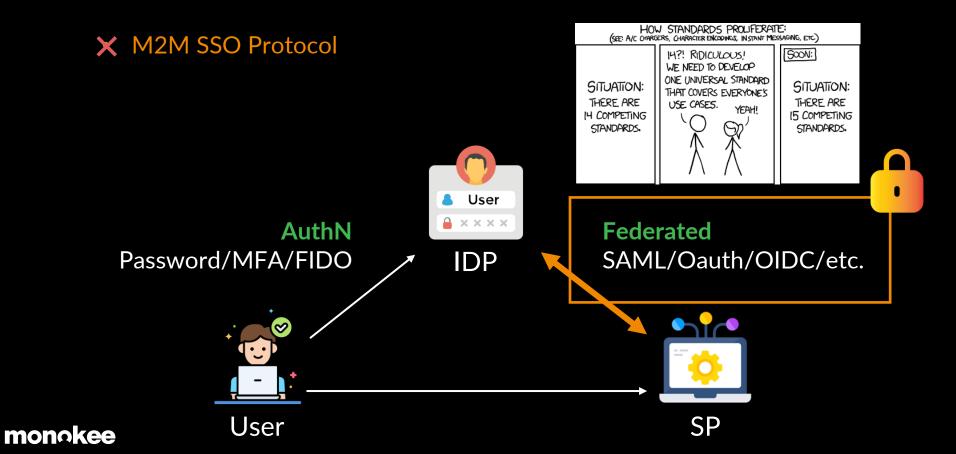
Data ownership



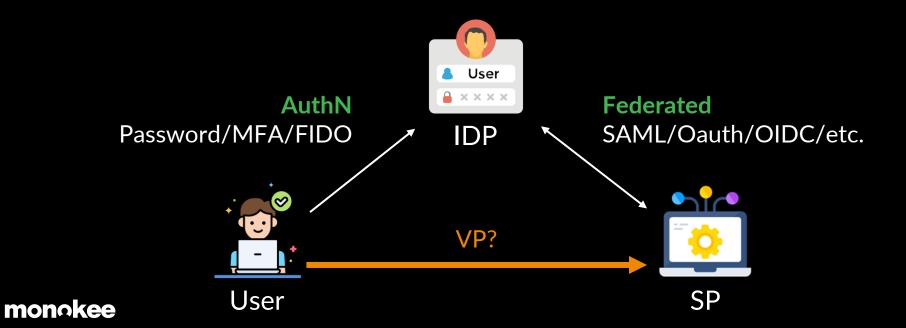
Truly Decentralized

No more central authority





- M2M SSO Protocol
- User \rightarrow SP



WHY NOT WEB 3.0 SOLUTIONS? (*)





More conscious users

True data ownership implies awareness

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Users left alone

True self custody implies no recovery options

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No central authority

No one makes decisions or resolves disputes

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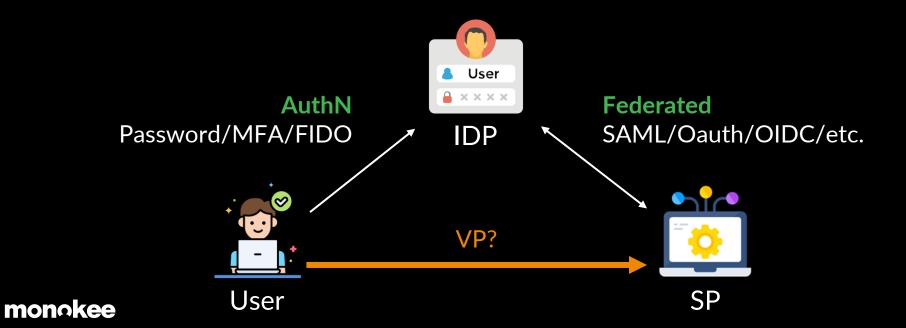
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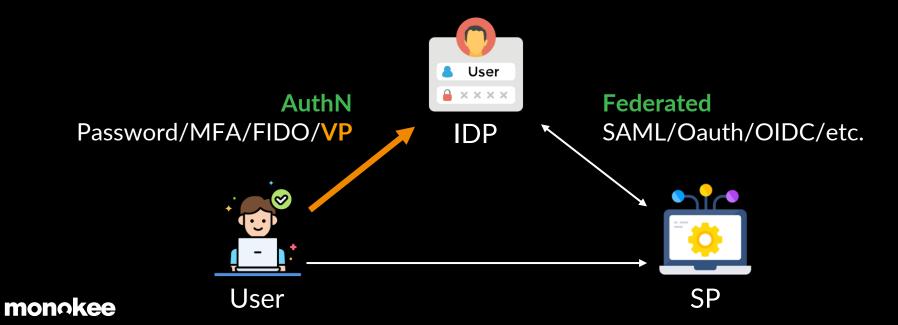
Expensive integrations

The architecture changes and so will your tech

- X M2M SSO Protocol
- \times User \rightarrow SP maybe in due time



- X M2M SSO Protocol
- \times User \rightarrow SP maybe in due time
- ✓ VP as Authentication Factor

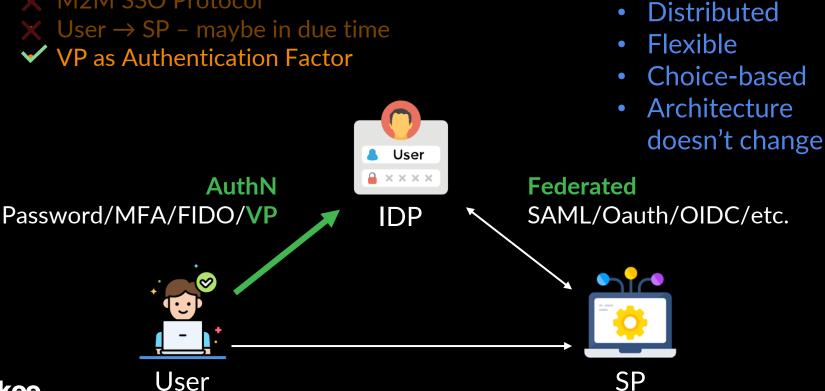


Where would VCs/VPs fit?

M2M SSO Protocol

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- User \rightarrow SP maybe in due time
- ✓ VP as Authentication Factor



It does make sense

Passwordless

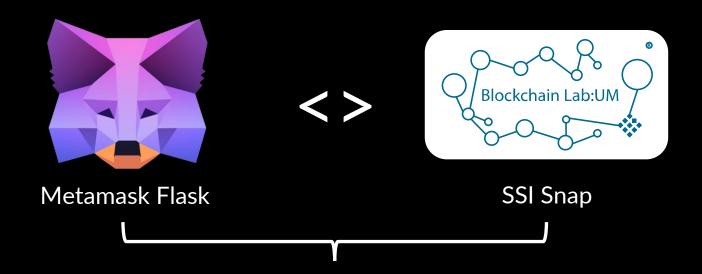
HYBRID IAM: THERE ARE ALREADY EXAMPLES

Spoiler: not only Sovrin and Hyperledger Indy



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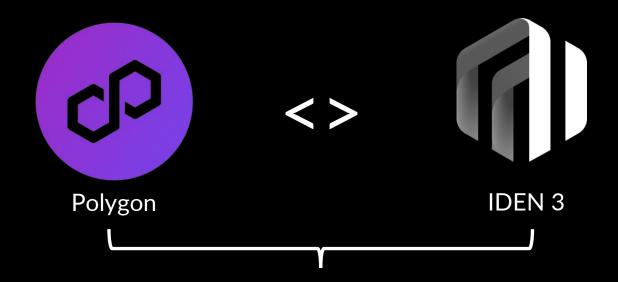
Spoiler: not only Sovrin and Hyperledger Indy



Save Verifiable Credentials within Metamask Wallet and use them on-chain and off-chain

HYBRID IAM: THERE ARE ALREADY EXAMPLES

Spoiler: <u>not</u> only Sovrin and Hyperledger Indy





Polygon Identity

Self-Sovereign Identity infrastructure which use ZKPs for on-chain and off-chain verification

HYBRID IAM: WE HAVE TESTED IT. IT WORKS!

We have W3C Data Model standard...



HYBRID IAM: WE HAVE TESTED IT. IT WORKS!

... we have a Web3 wallet ...



HYBRID IAM: WE HAVE TESTED IT. IT WORKS!

... we have trusted and verifiable authentication method



WHAT? HOW DOES IT WORK?

W3C Credentials

They're simply a JSON object

WHAT? HOW DOES IT WORK?

W3C Verifiable Credentials

They're simply a JSON object but...



WHAT? HOW DOES IT WORK?

W3C Verifiable Credentials

They're simply a JSON object but...



LET'S SEE IT IN DEPTH

Giving you an example of what this could mean

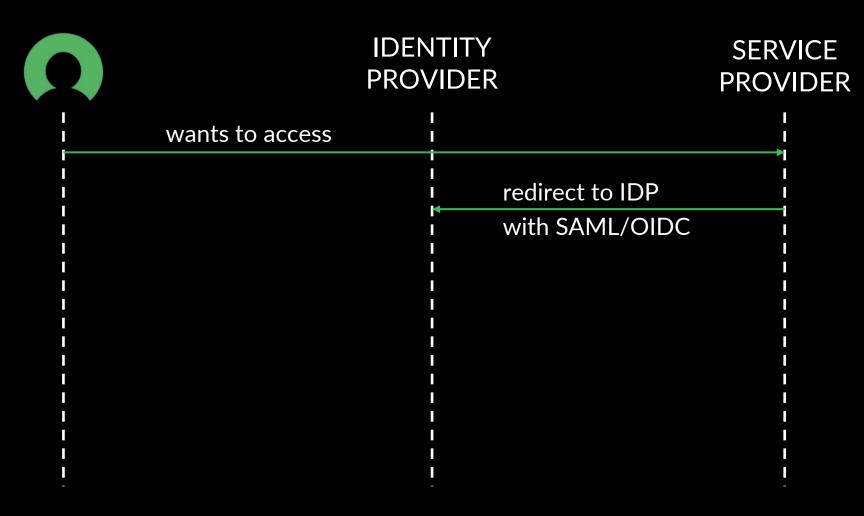


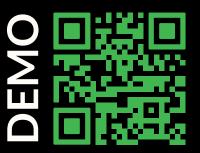
	IDENTITY PROVIDER	SERVICE PROVIDER
wants to access		

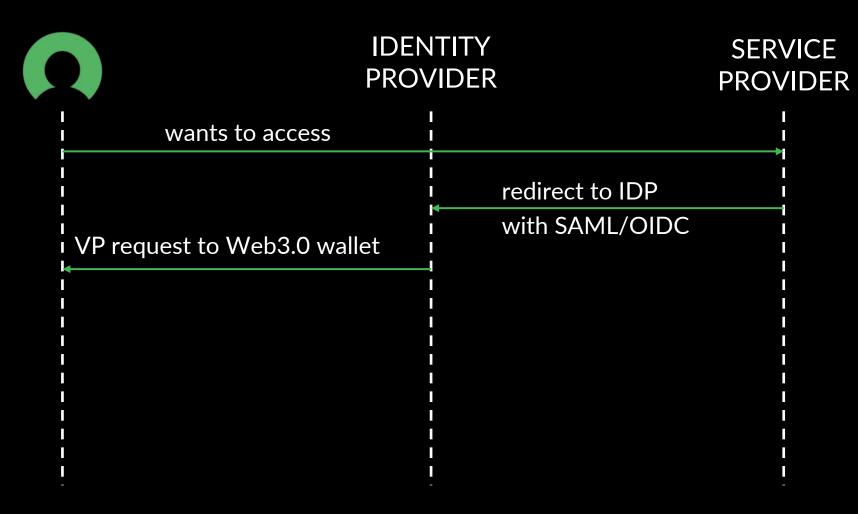
LET'S SEE IT IN DEPTH

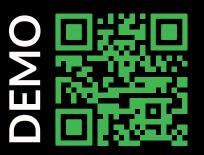
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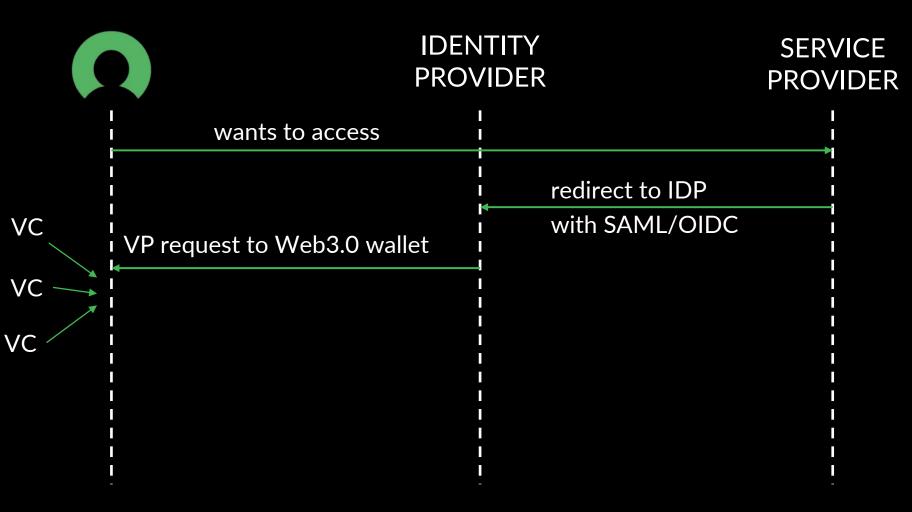






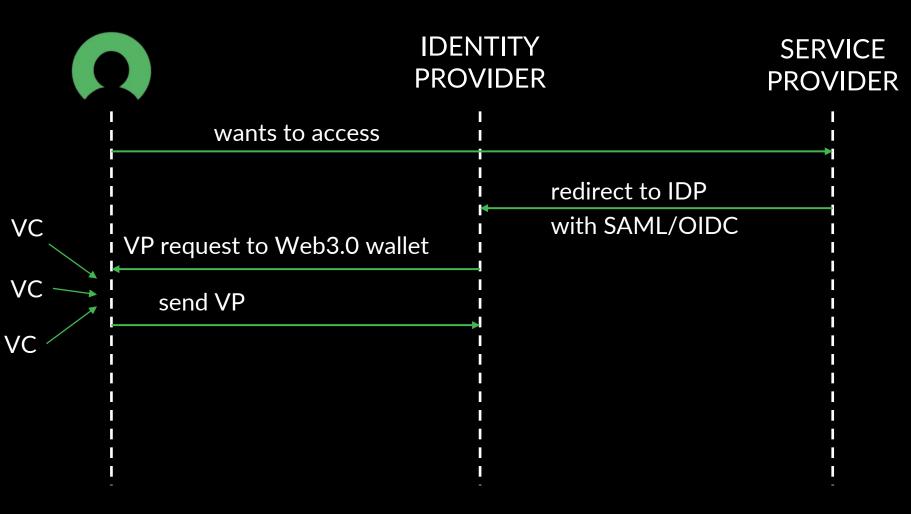






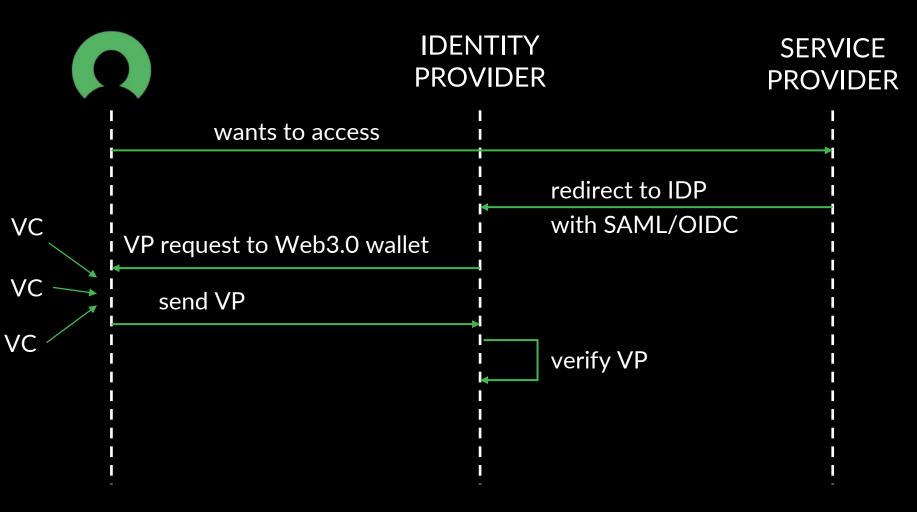








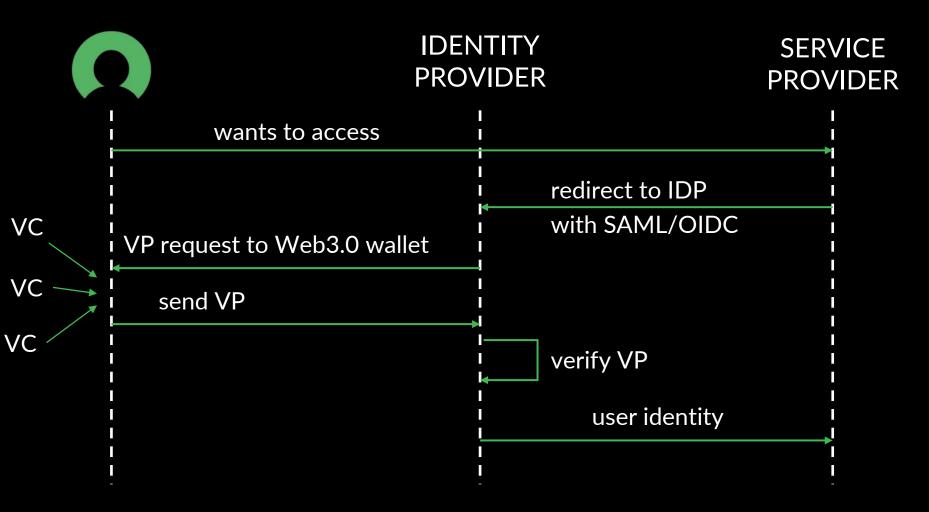






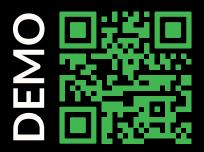
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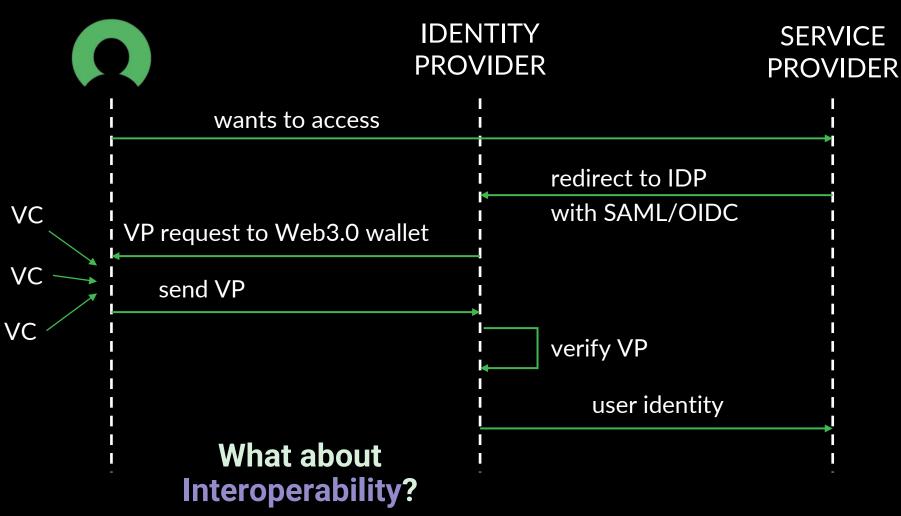




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Giving you an example of what this could mean





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Tech-independent

User-chosen

Cross-compatible



Tech-independent

User-chosen

Cross-compatible



Tech-independent



User-chosen

Cross-compatible



Tech-independent



User-chosen



Cross-compatible



Tech-independent



User-chosen



Cross-compatible





Tech-independent



User-chosen



Cross-compatible



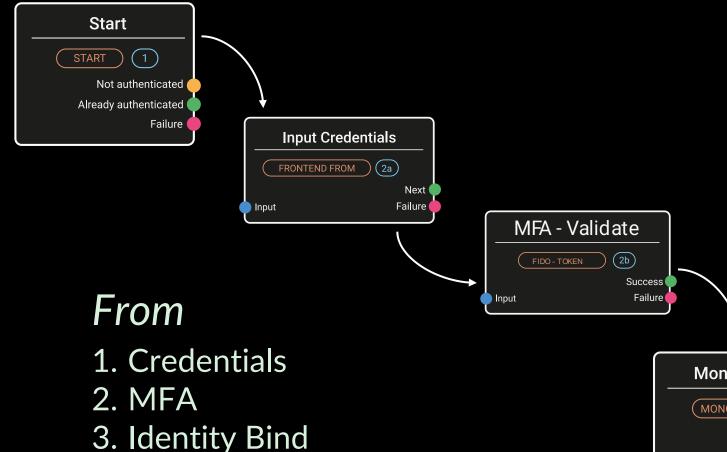
Easy integration

The key is ...

IDENTITY ORCHESTRATION

HYBRID IAM: IDENTITY ORCHESTRATION





Monokee - User binding

MONOKEE - USER BINDING

Success

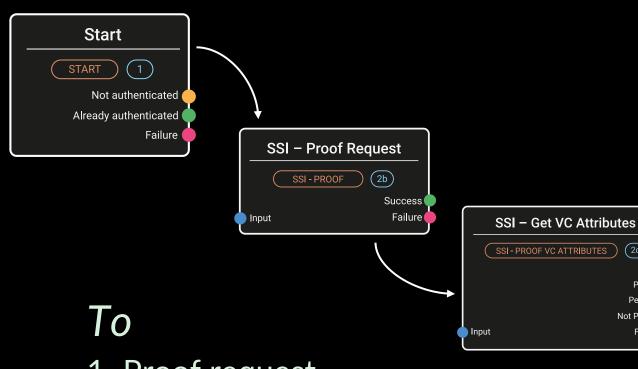
Wrong Credentials
User not found
User pending
Input

Failure

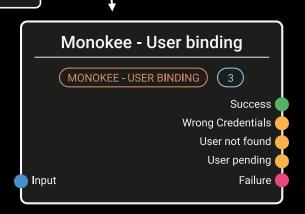
4. SSO

HYBRID IAM: IDENTITY ORCHESTRATION





- 1. Proof request
- 2. VP control
- 3. Identity Bind
- 4. SSO



(2c)

Proved Pendina

Failure

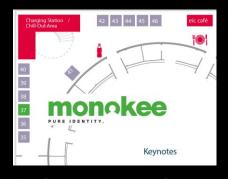
Not Proved



Thank you!

HYBRID IAM

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Find us at Booth #37



Play with the demo eic23.monokee.com



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