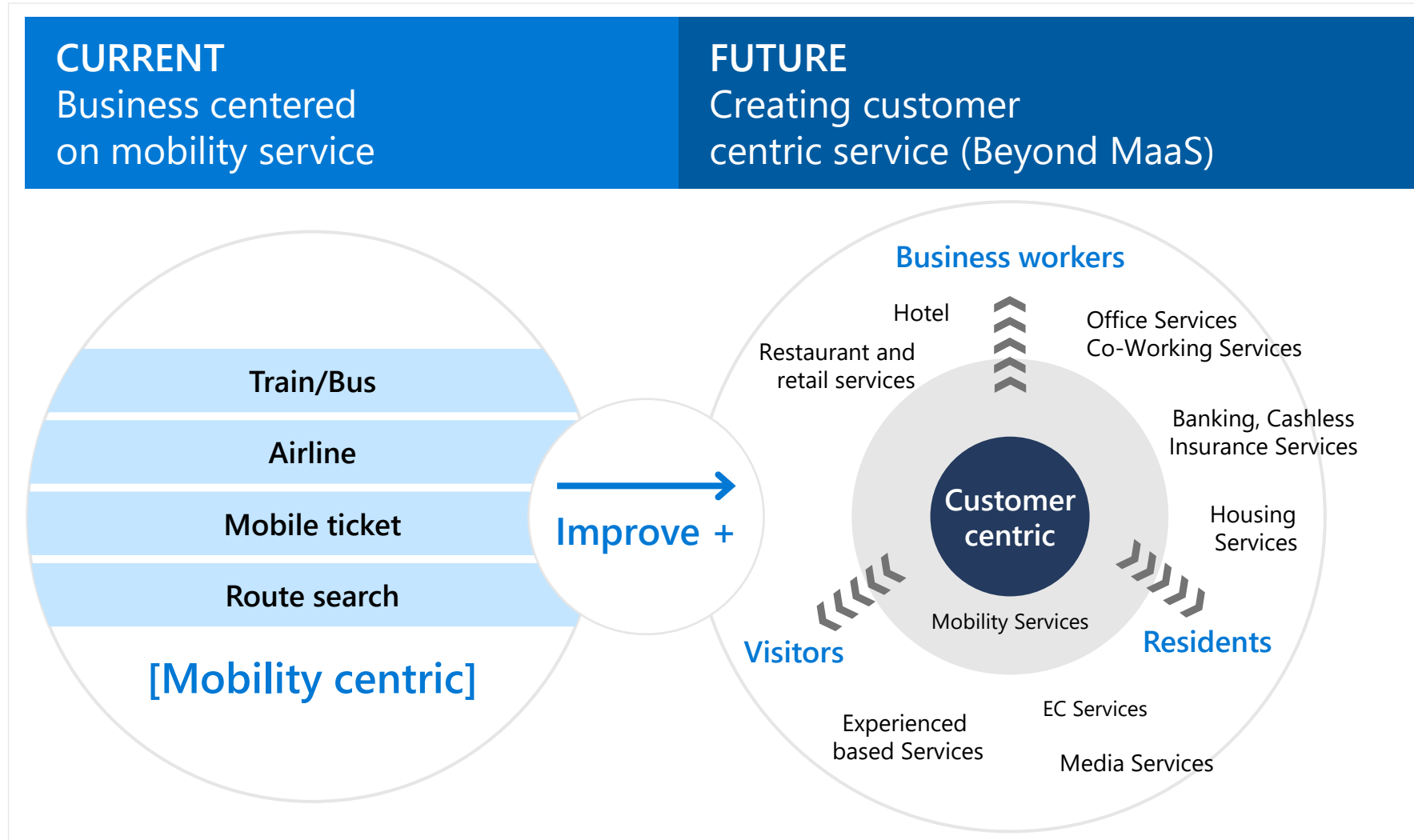


# Verifiable Credentials

Ward Pauwels – Sr. Technology Strategist Government  
Rob Elsinga – National Technology Officer

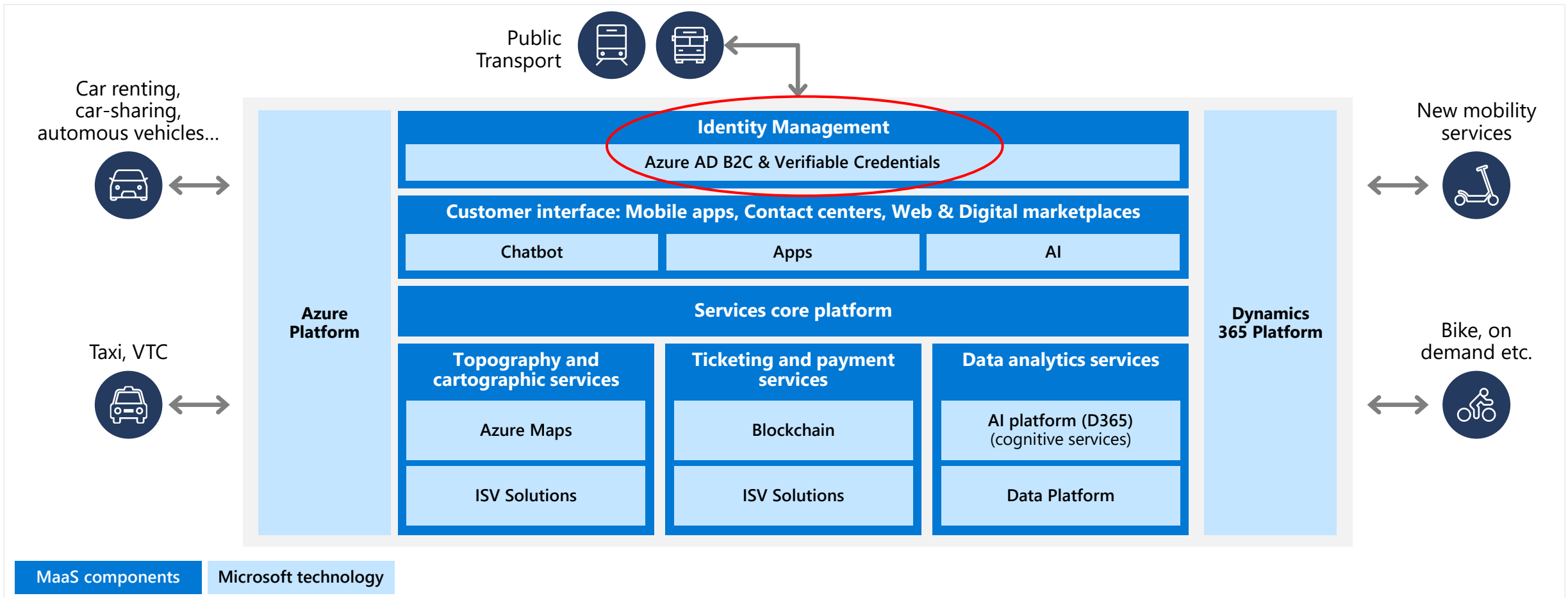


# Beyond MaaS into Lifestyle services



# MaaS reference architecture – High level

You need 6 key building block to build a platform.  
Microsoft can provide core components



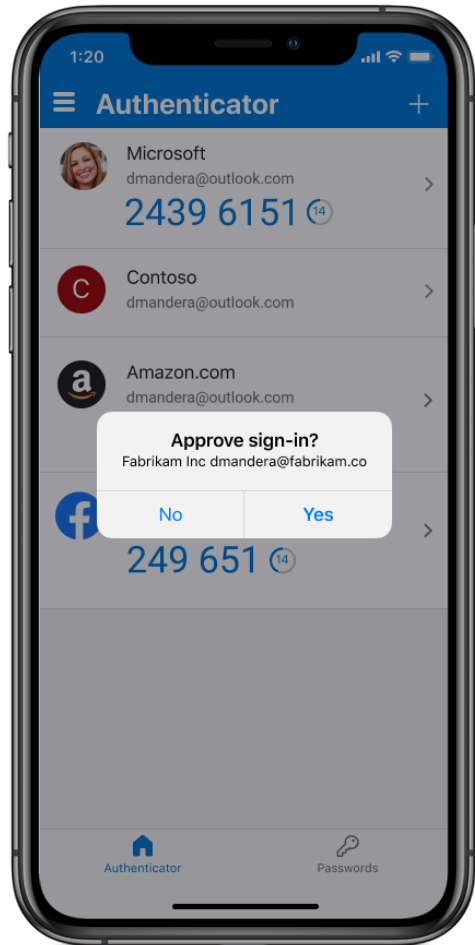


Each of us needs **digital identity we own and control**, one which securely and privately stores **all elements of our digital identity**.

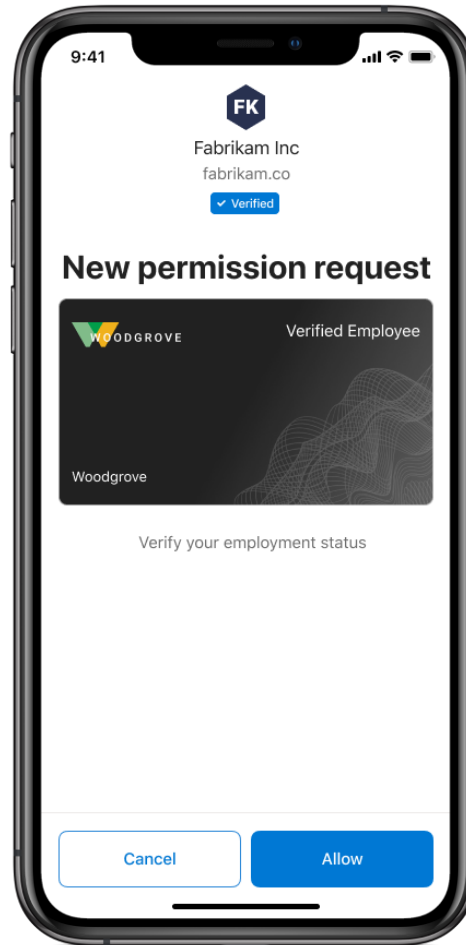
This self-owned identity must **seamlessly integrate into our lives** and give us **complete control over how our identity data is accessed** and used.



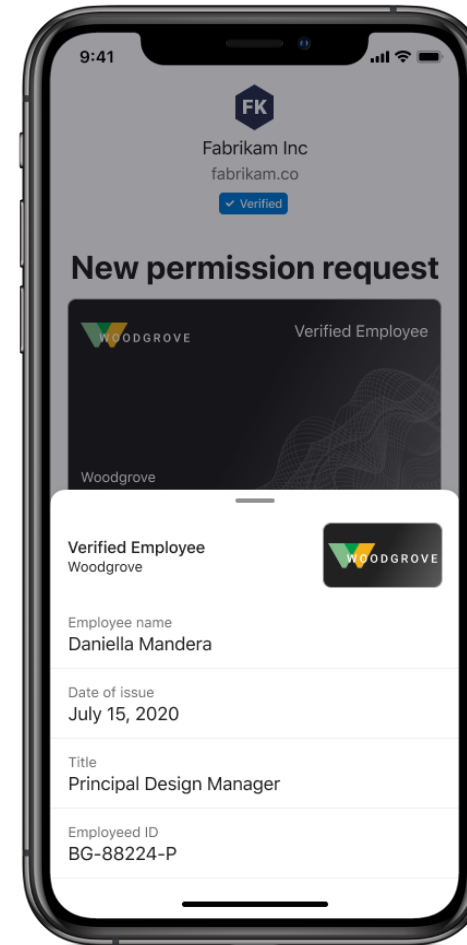
# Azure AD verifiable credentials - a better way to verify



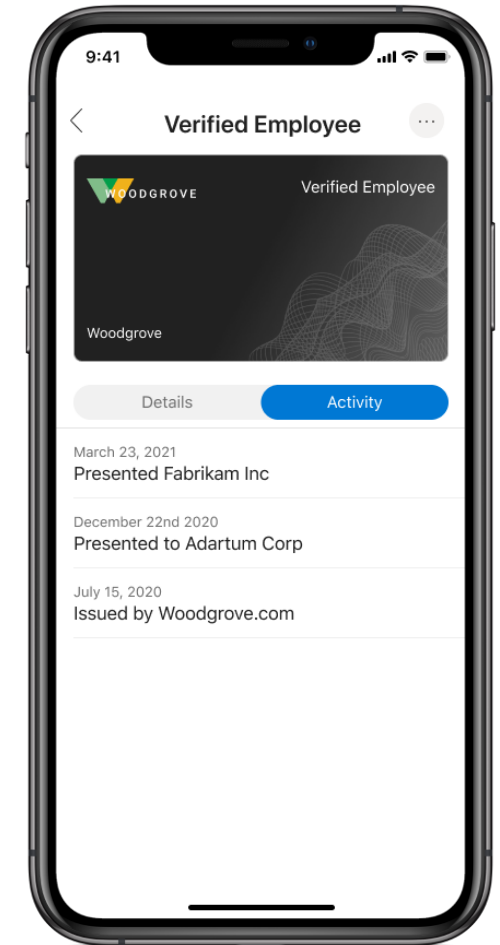
easy to use and secure



verifiable

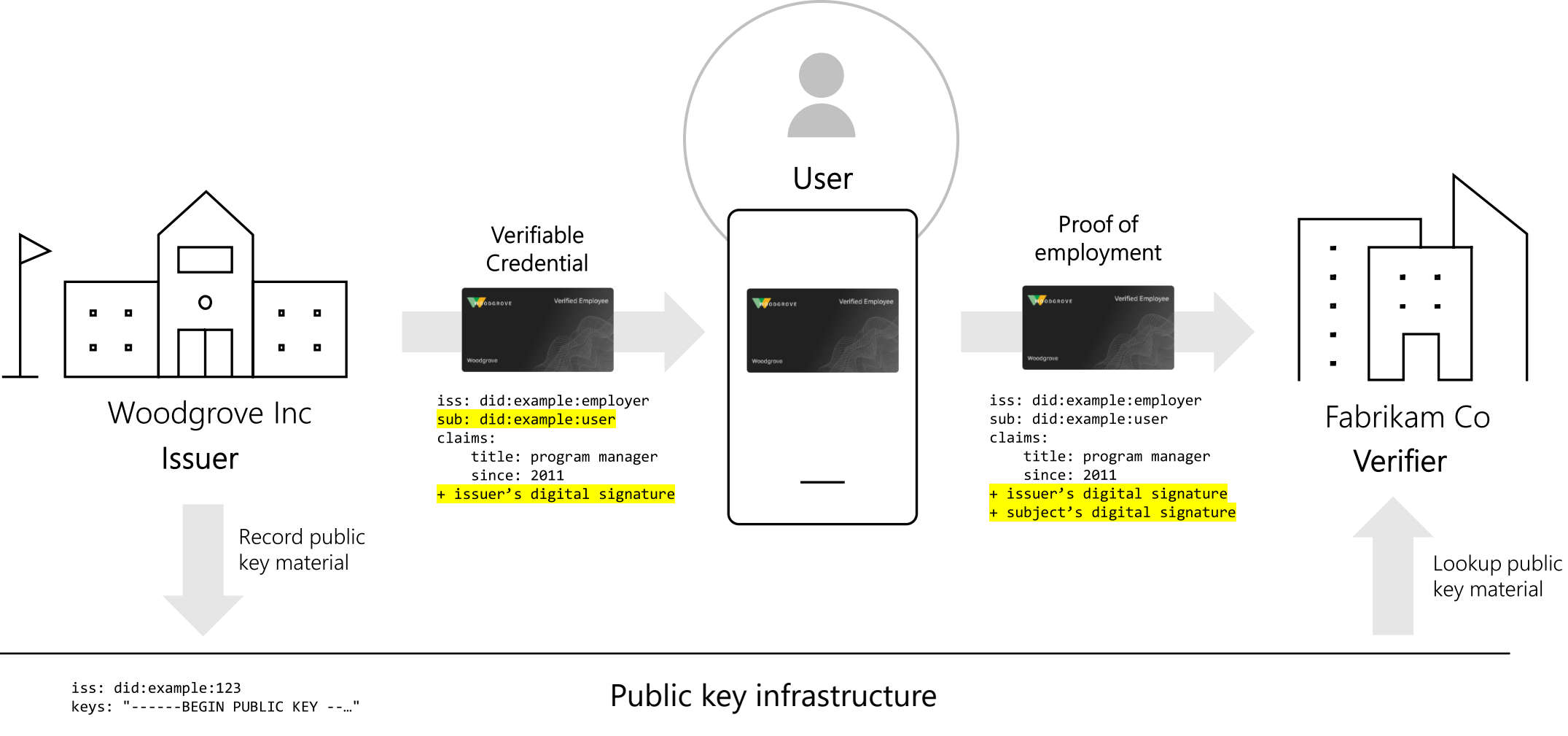


transparent

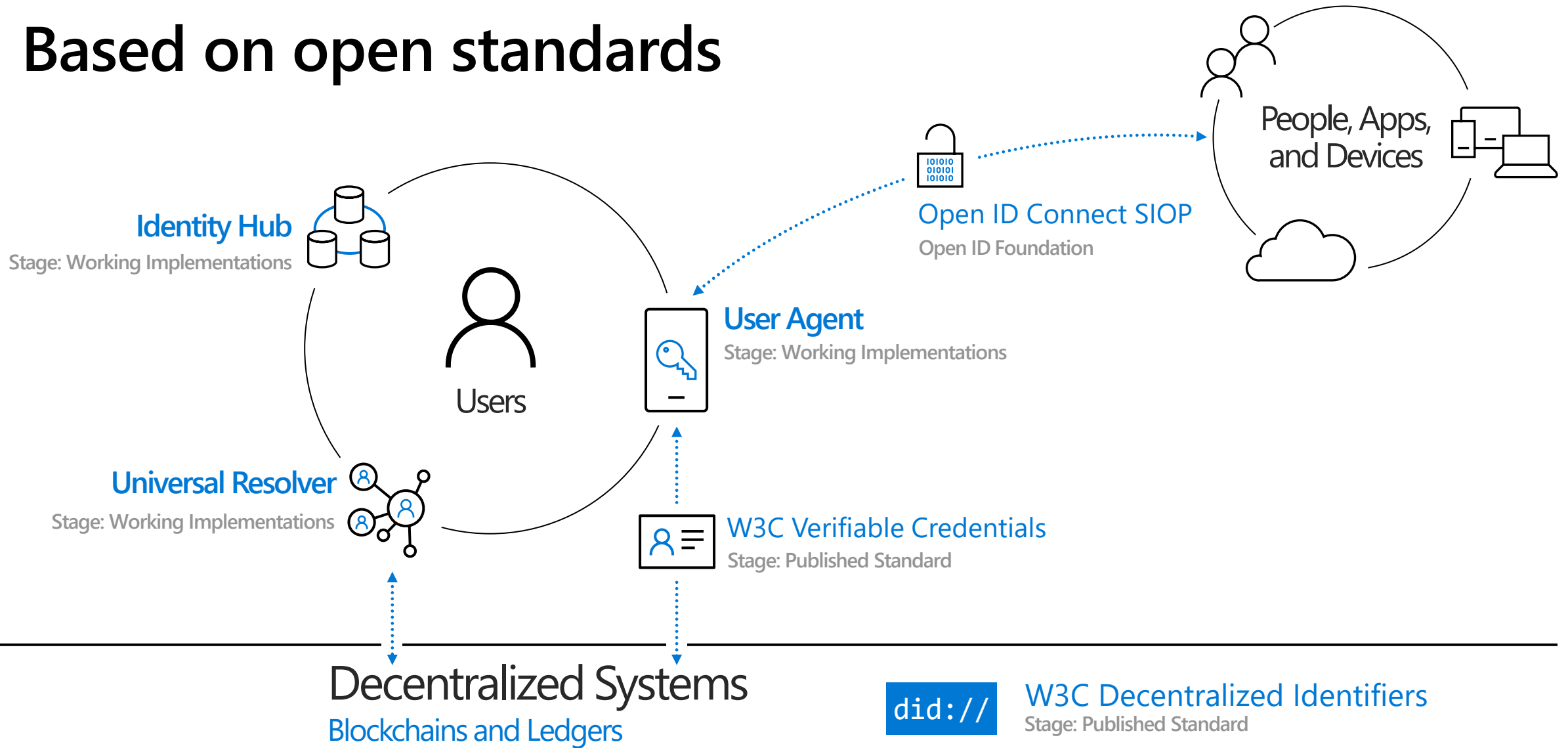


convenient

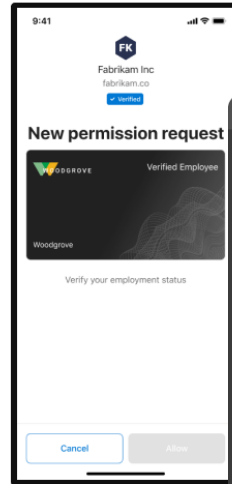
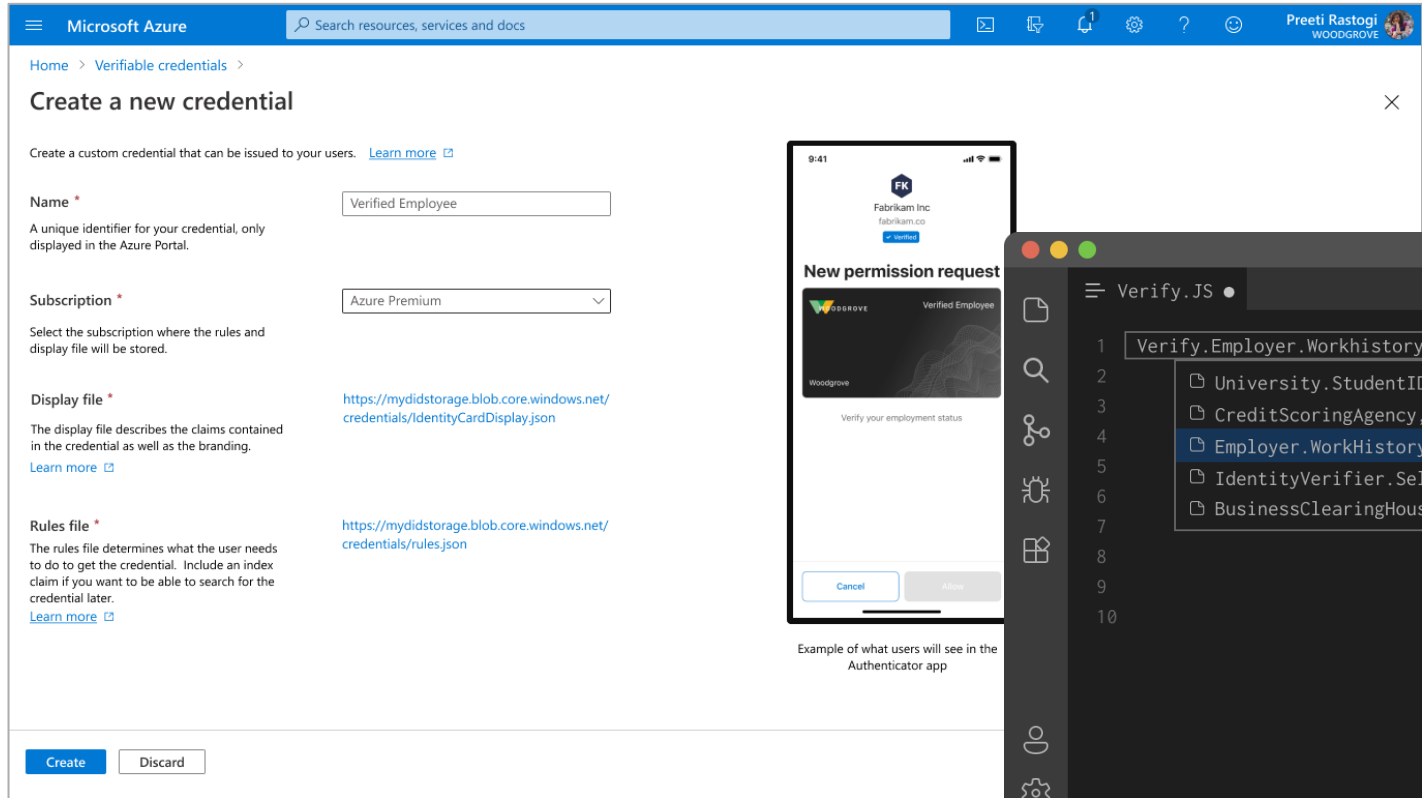
# How does this work?



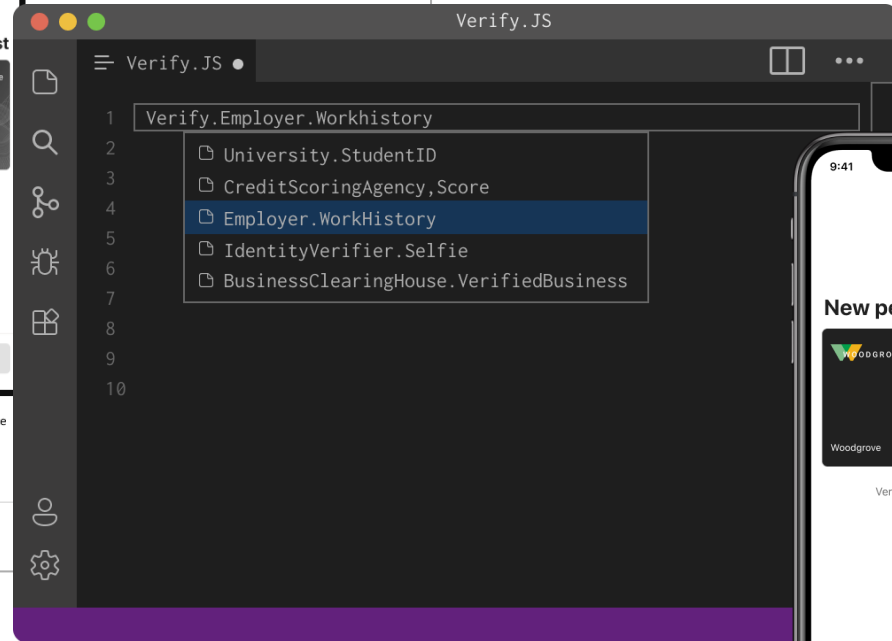
# Based on open standards



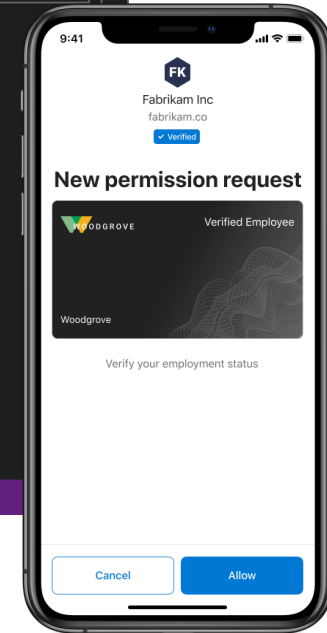
# Microsoft's Platform Implementation



Example of what users will see in the Authenticator app



Developer tools  
(SDK + API)



End user wallet  
(Microsoft Authenticator)

Issuer interface  
(Azure AD)



# Accelerate with trusted technology partners

In partnership with Identity verification leaders



Acuant



Au10tix



Jumio



Idemia



Lexis Nexis



Onfido



Socure



VU Security

Accelerate adoption with partner solutions



AffinitiQuest/ Avaleris



Unify



Condatis

192 Countries

6000 Identification documents

1000's Organizational attributes

Millions Individual ID attributes

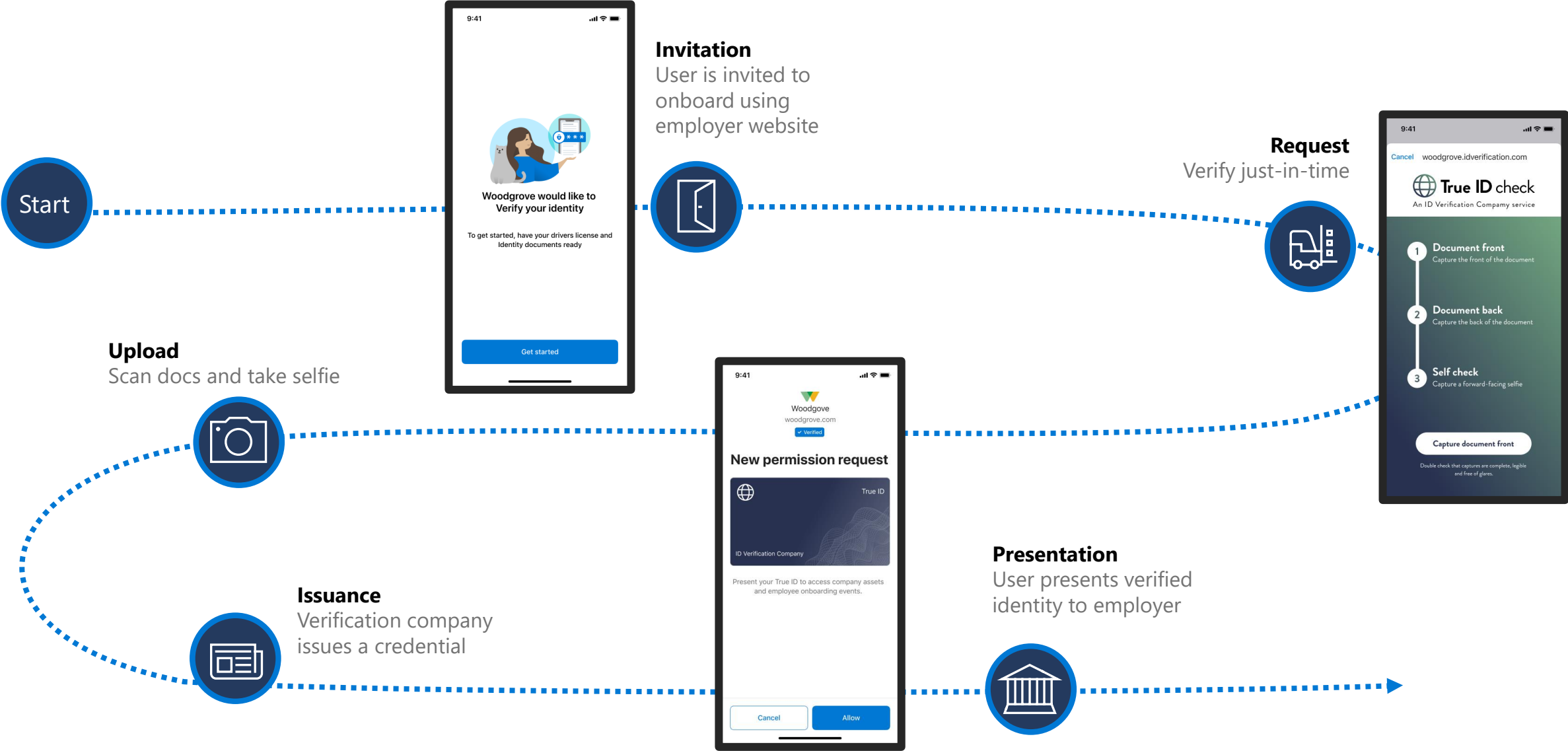
Decades of experience to go from idea to implementation in hours

# Key scenarios

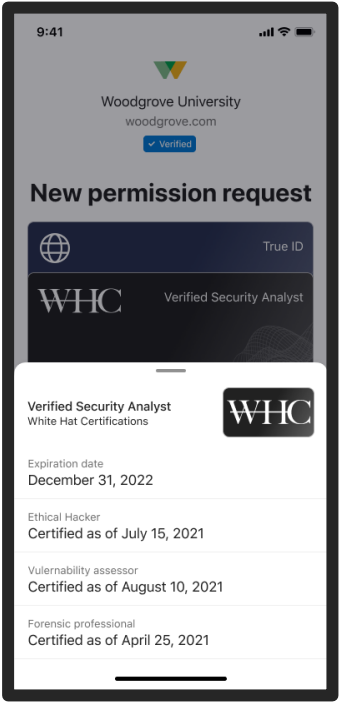
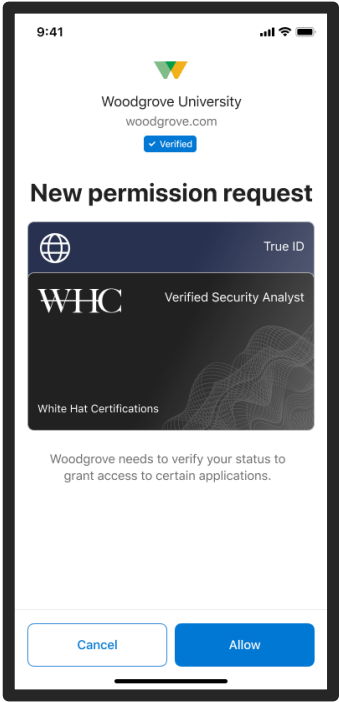
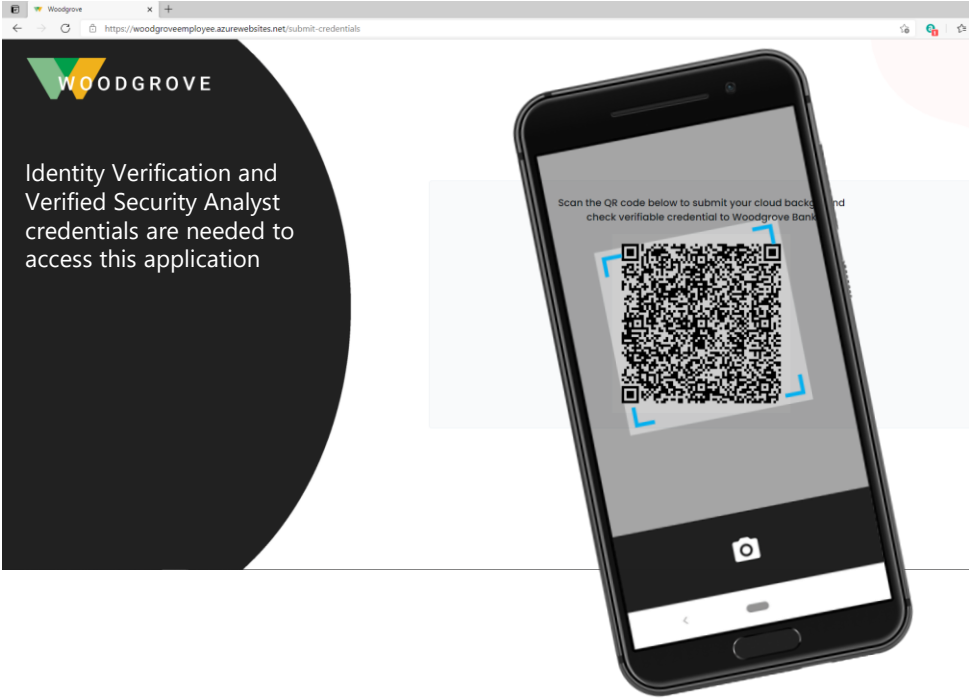
- Onboard
- Access
- Recover



# Onboard new employees, partners and customers



# Secure access to applications



Sign in



Presentation

User shares the requested verifiable credentials

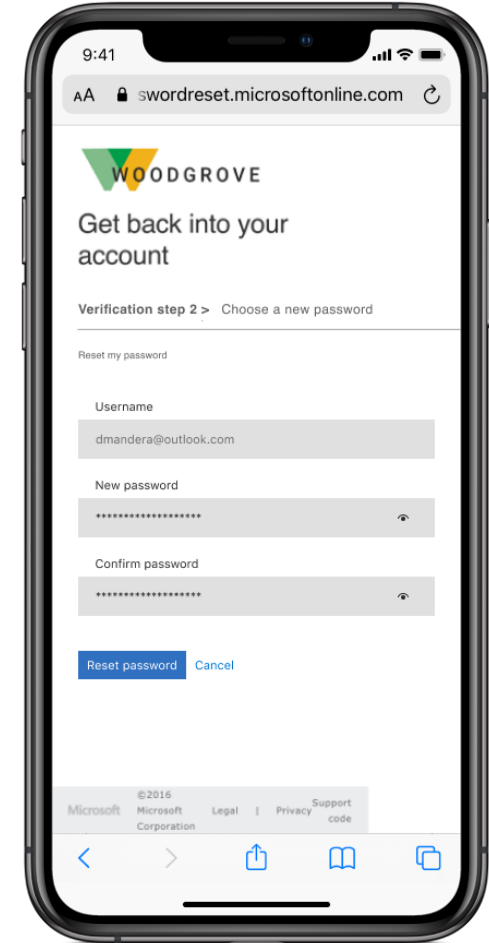
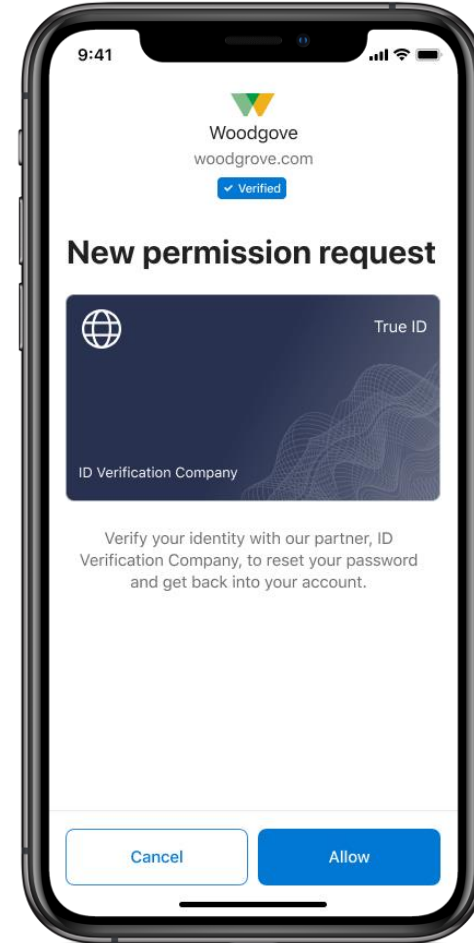
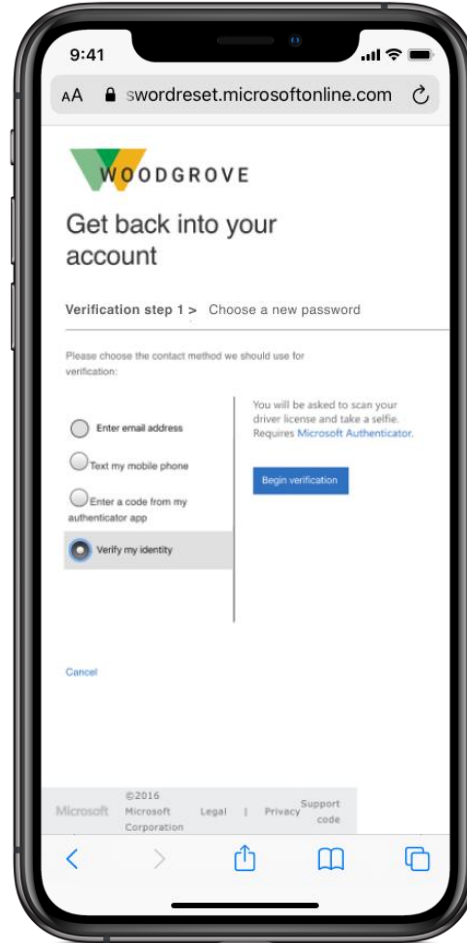


Detailed view

User confirms which claims are being shared

# Recovery

Reduce support phone calls and security questions with a simpler, more secure process to verify identity.



# Trustworthy, faster, cheaper way to verify



## Onboard employees, partners, customers

Trustworthy self-service enrollment and faster onboarding by digitally validating information with industry leading ID verification providers.



## Access to high-value apps and resources

Quickly verify credentials from a wide variety of trusted partners based on open standards.



## Self-service account recovery

Reduce support phone calls and security questions with a simpler, more secure process to verify identity.

# Customer stories



**Keio  
University**



**National  
Health Service**

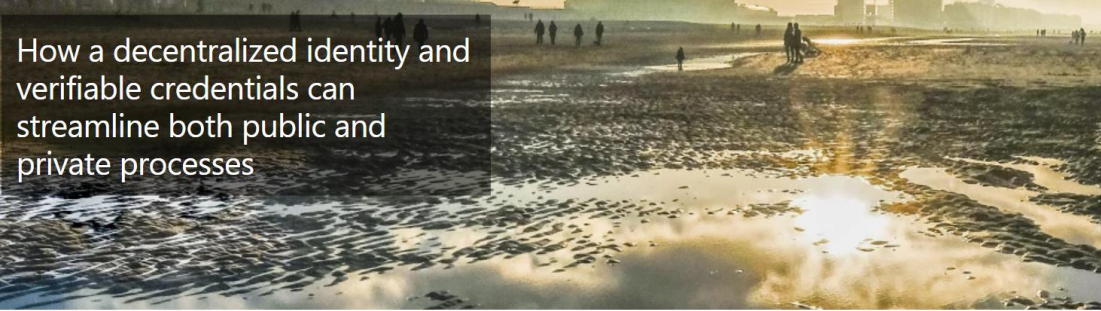


**Government  
of Flanders**

and many more...



# Flemish Government



How a decentralized identity and verifiable credentials can streamline both public and private processes

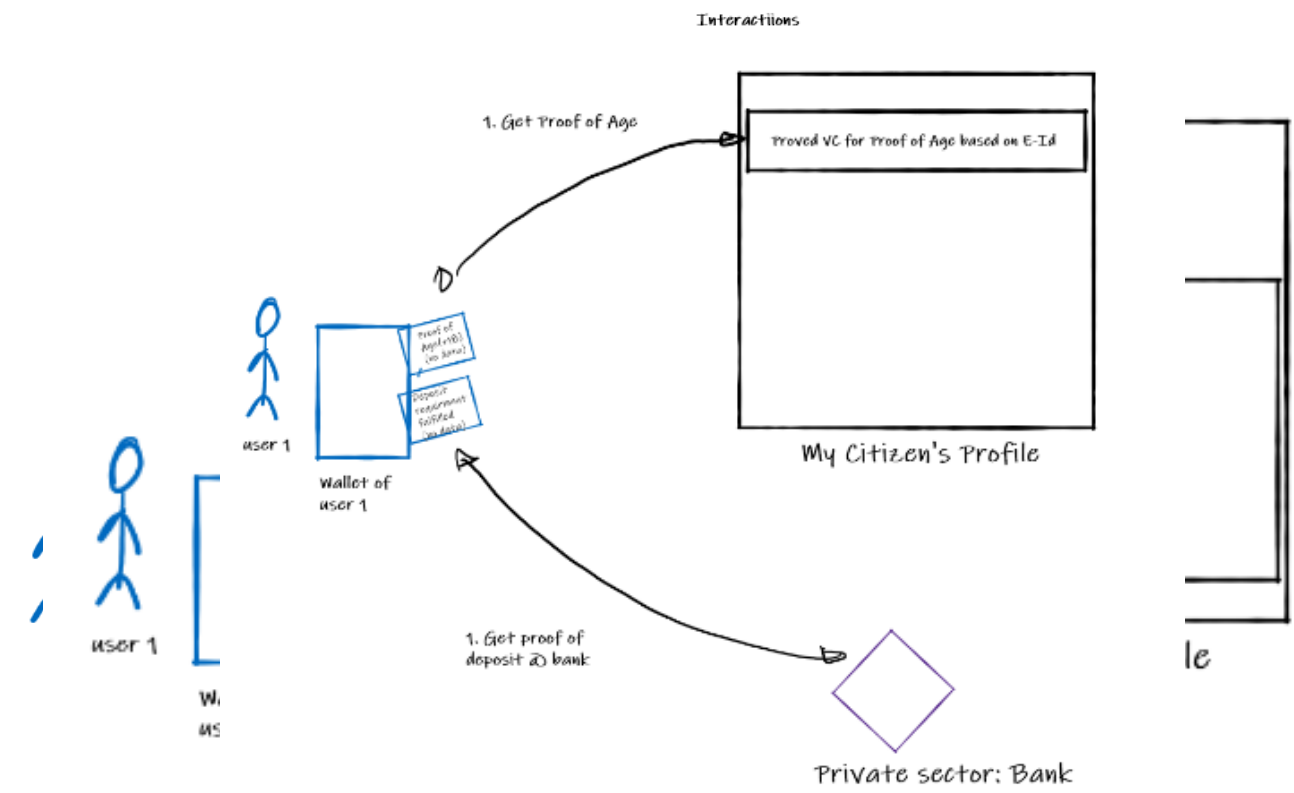
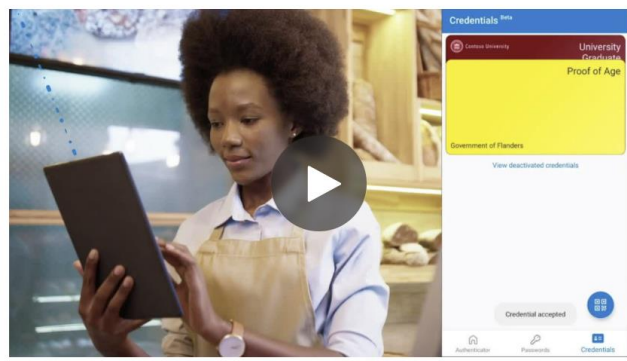
March 17, 2021

Print



Digital identity forms the cornerstone of everything that individuals do in the digital world. There is a genuine need for a sustainable technology and processes that give users control over their data and allow trusted interactions. In a decentralized identity ecosystem, citizens can easily prove their identity and share authoritative data with third parties. Furthermore, they can keep track of what information is shared with whom and at any time can deny third parties' access to personal information. Microsoft applied this concept to a high-impact public sector use case in the region of Flanders in Belgium. The pilot 'starting a business in Flanders' showed that the use of decentralized identity technology lowered the burden for citizens and raised their trust in the government.

- Customer  
Flanders Government of Belgium
- Products and Services  
Azure Active Directory
- Industry  
Government
- Organization Size  
Corporate (10,000+ employees)
- Country  
Belgium
- Downloads





# Resources

<http://identity.foundation>

Industry working group for all things Decentralized ID (DID)

<http://aka.ms/didwhitepaper>

White paper by Microsoft: approach for DID + Verifiable Credentials

<http://aka.ms/didexplained>

Quick overview

<https://youtu.be/Whc9Im-U0Wg>

Overview for developers: scenario walk-through and how-to

<http://aka.ms/didfordevs>

Developer documentation

<http://aka.ms/azureadblog/did>

Blogs (including [scale and performance](#) and [self-owned key recovery](#))