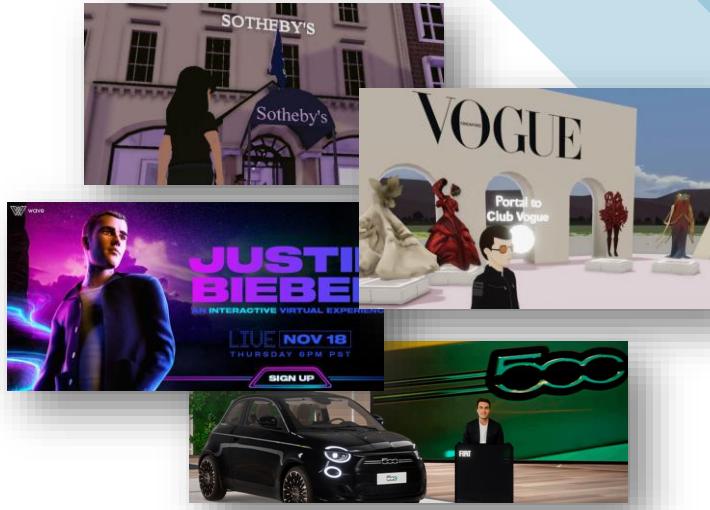


The Data Ownership Revolution

*Web3 is coming, and it will power individual health
data ownership*

Presented by David Lindstrom
Chief Innovation Officer, M Corp

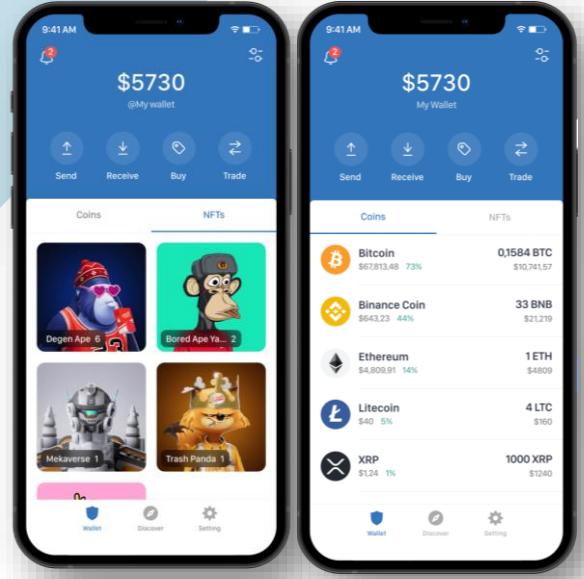
Web3 is coming



Immersive retail & entertainment experiences



Gaming platforms and digital worlds where users vote, build, and interact



Ownership of digital assets, property, and currency

just follow the money to see it...

\$300 m

revenue of Nike in 2022 from
Web3 products and royalties

Source: Covalent

Immersive retail
& entertainment
experiences

\$2.2 bn

revenue of Roblox in 2022

Source: Roblox

Gaming platforms and
digital worlds where
users vote, build, and
interact

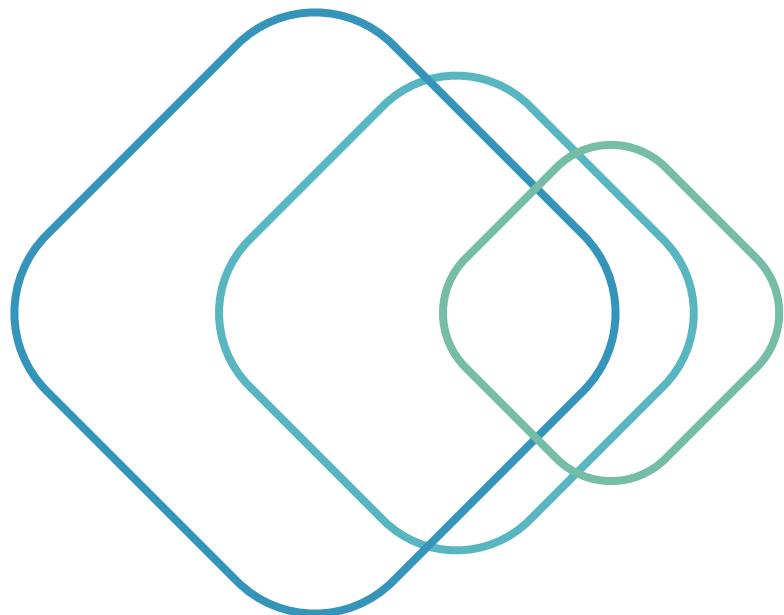
\$1.3 tn

current digital currencies mkt cap

Source: Yahoo Finance

Ownership of
digital assets,
property, and
currency

What is Web3?



An ecosystem of technologies that support decentralized, transparent and secure peer-to-peer transactions, enabling new possibilities for personal data ownership online.

Supported By



Blockchain



Decentralized Networks



Smart Contracts



Digital Tokens (including NFTs)



Digital Wallets



Asymmetric Encryption



Cryptographic Proofs

Web3 is coming to Healthcare



“Solve.Care Unveils Web3.0 Development for Healthcare”

Bloomberg – December 2022

“World’s First Medical Metaverse Consultation Ever Performed in the Aimedis Avalon Metaverse”

Yahoo – September 2022

“New app [Innerworld] brings mental healthcare into the metaverse”

NBC – February 2023

“authorize a county recorder to...issue a certified copy of a birth, death, or marriage record ... using blockchain technology ...”

California Senate Bill 786 - September 2022

Immunization data will be managed differently

User Access & Transparency

Today

Individuals have limited visibility into their vaccination history – some only have it captured on a hand-written card; Individuals can request a copy of their immunization records.



Web3

Individuals can access their immunization record at any time; new immunization records are available instantly; full visibility into what is collected, stored, and shared.

Immunization data will be managed differently

Storage

Today

Immunization data is stored in fragmented, siloed systems across providers and agencies.



Web3

Immunization data stored in decentralized systems allows for greater interoperability and accessibility across all stakeholders – 3rd party applications can consume the same data using standardized APIs.



Immunization data will be managed differently

Privacy & Security

Today

Inconsistent encryption of data; centralized data creates prime target/single point of failure for cyberattacks.



Web3

Encrypted, decentralized immunization data using cryptographic keys minimize the need for sensitive data sharing and nearly eliminate cyber threats.

How might a Web3 experience look to a provider?

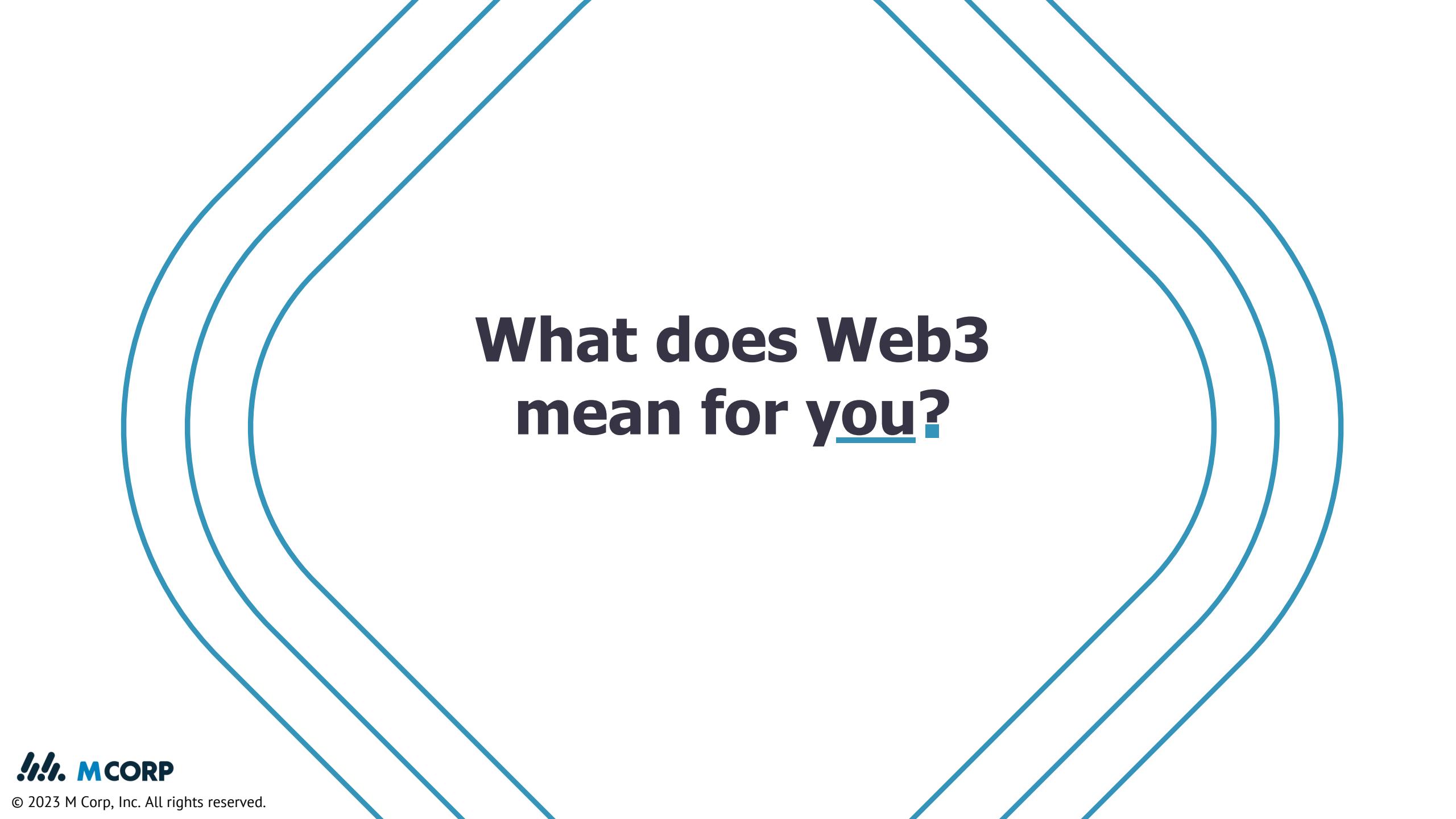


- 1 A Provider scans a QR code that a new Patient displays from the mobile health pass on their phone. This shares their encrypted Protected Health Information from other providers that they consented to sharing (e.g., health history, vaccination record, etc.).
- 2 The Patient's information is read and saved by the Provider's medical health record system.
- 3 The Provider administers a vaccine to the Patient and confirms the dose and other details in their system.
- 4 The Provider sends this certified, encrypted record to both the state's immunization registry and to a decentralized network for the Patient's health pass to be updated.

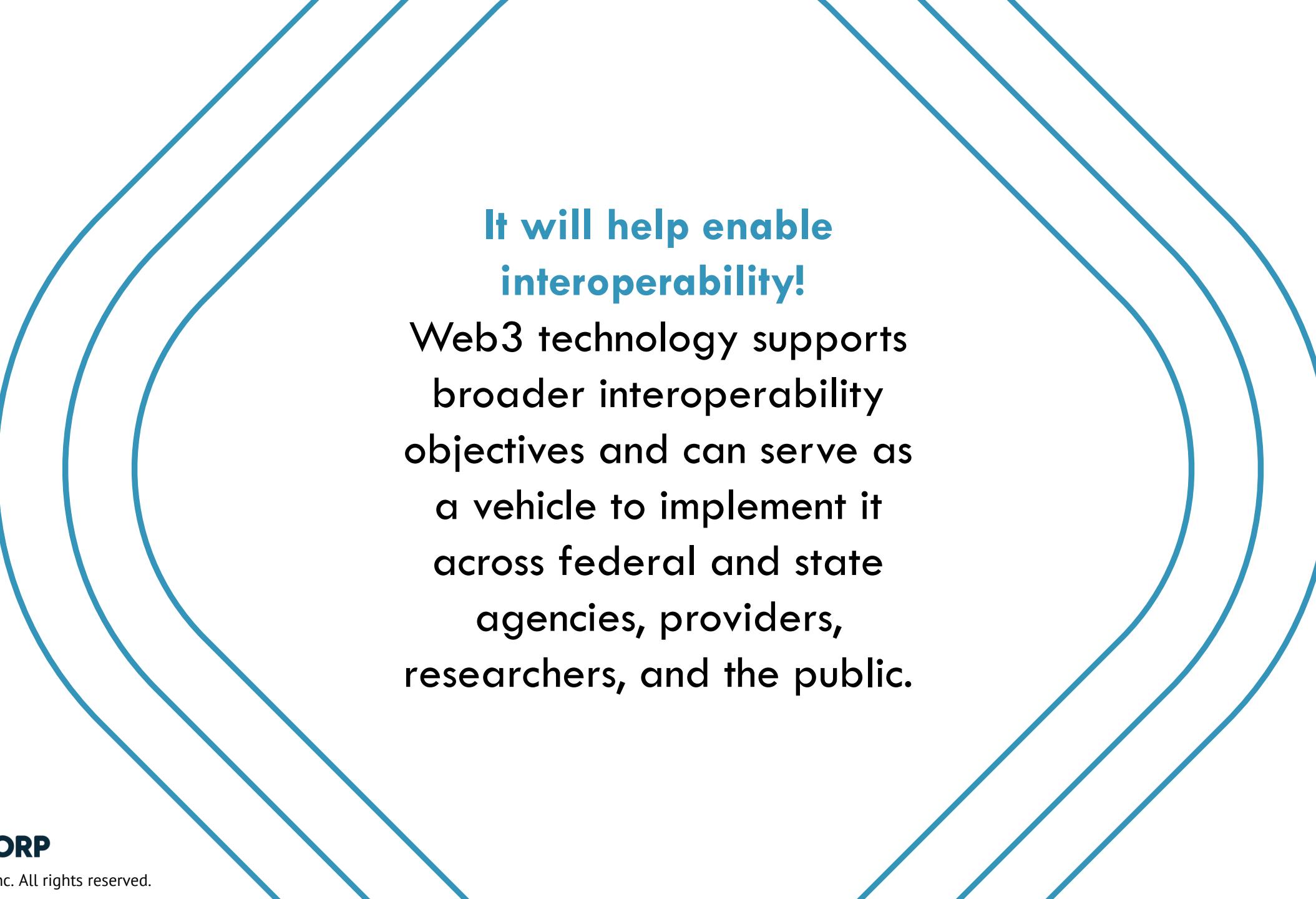
How might a Web3 experience look to an individual?



- 1 The new Patient displays their mobile health pass to her Immunization Provider, immediately identifying her and sharing her health data.
- 2 The Patient receives their vaccine dose.
- 3 Before leaving the Provider's office, the Patient confirms their new vaccine dose in their mobile health pass.
- 4 The Patient can share their complete vaccination history with other health providers, researchers, and even other state immunization registries with ease.

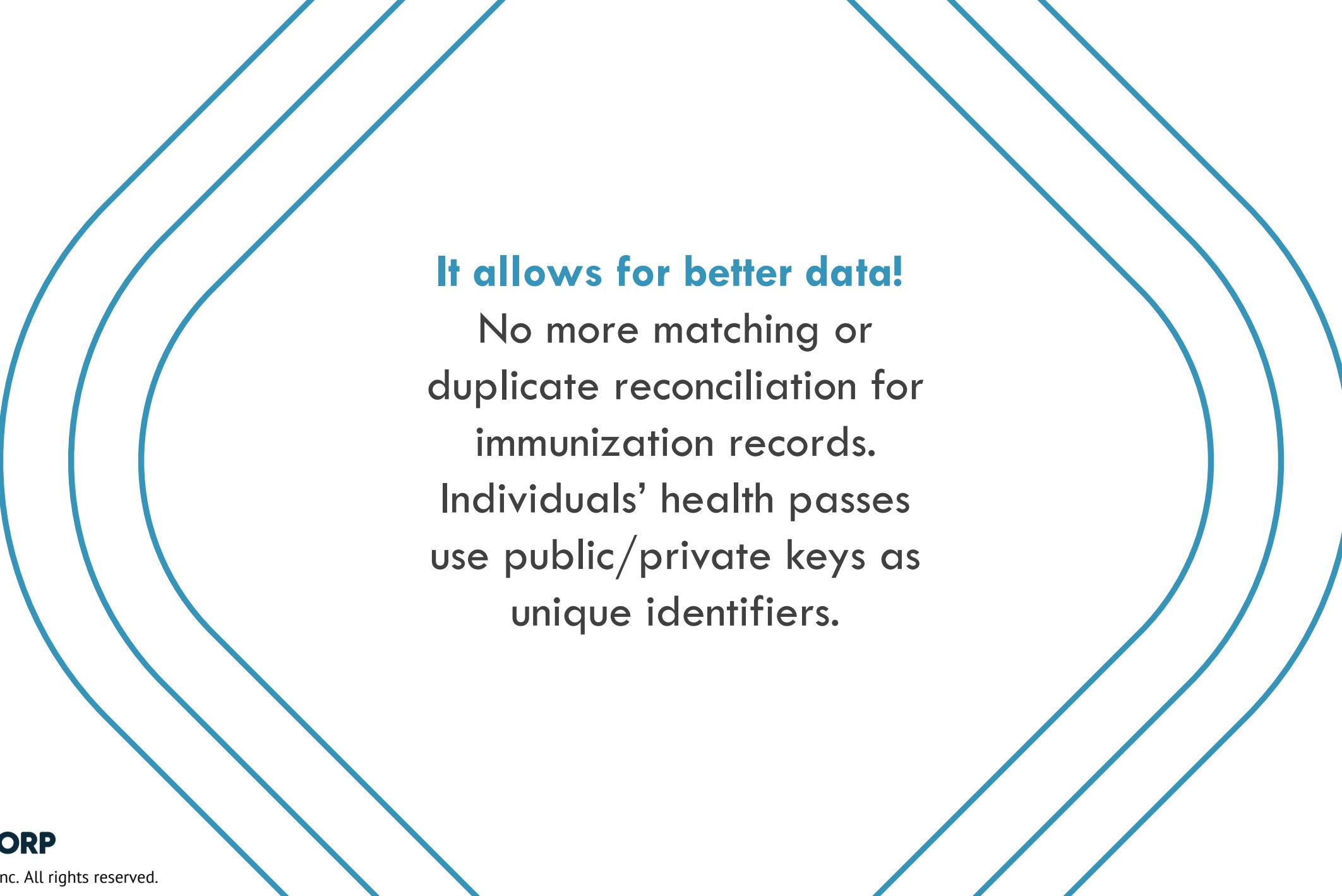


What does Web3
mean for you?



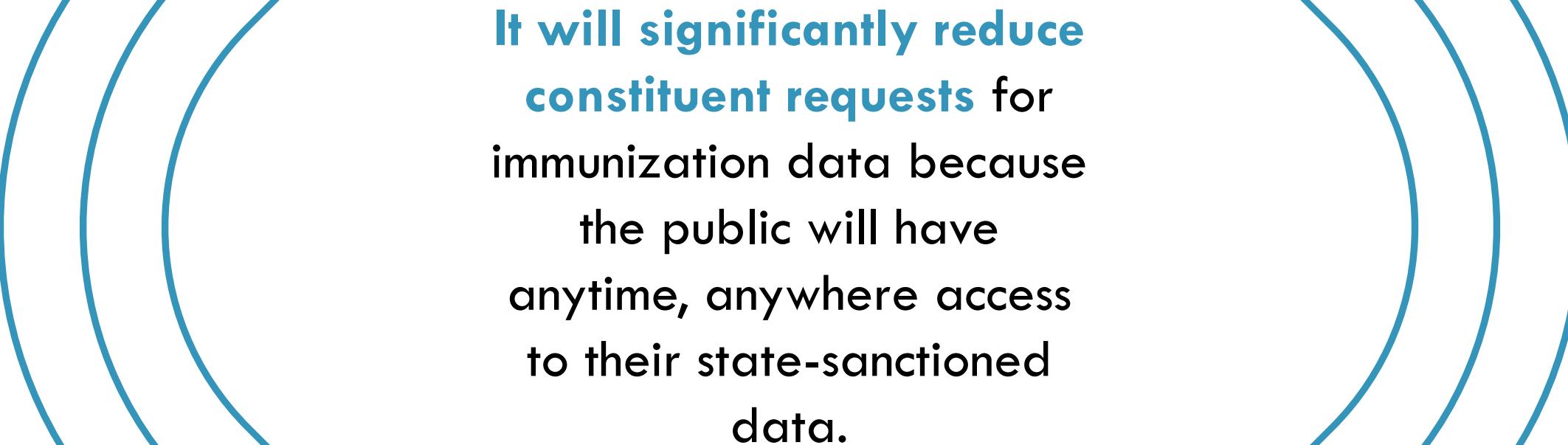
**It will help enable
interoperability!**

Web3 technology supports broader interoperability objectives and can serve as a vehicle to implement it across federal and state agencies, providers, researchers, and the public.



It allows for better data!

No more matching or
duplicate reconciliation for
immunization records.
Individuals' health passes
use public/private keys as
unique identifiers.

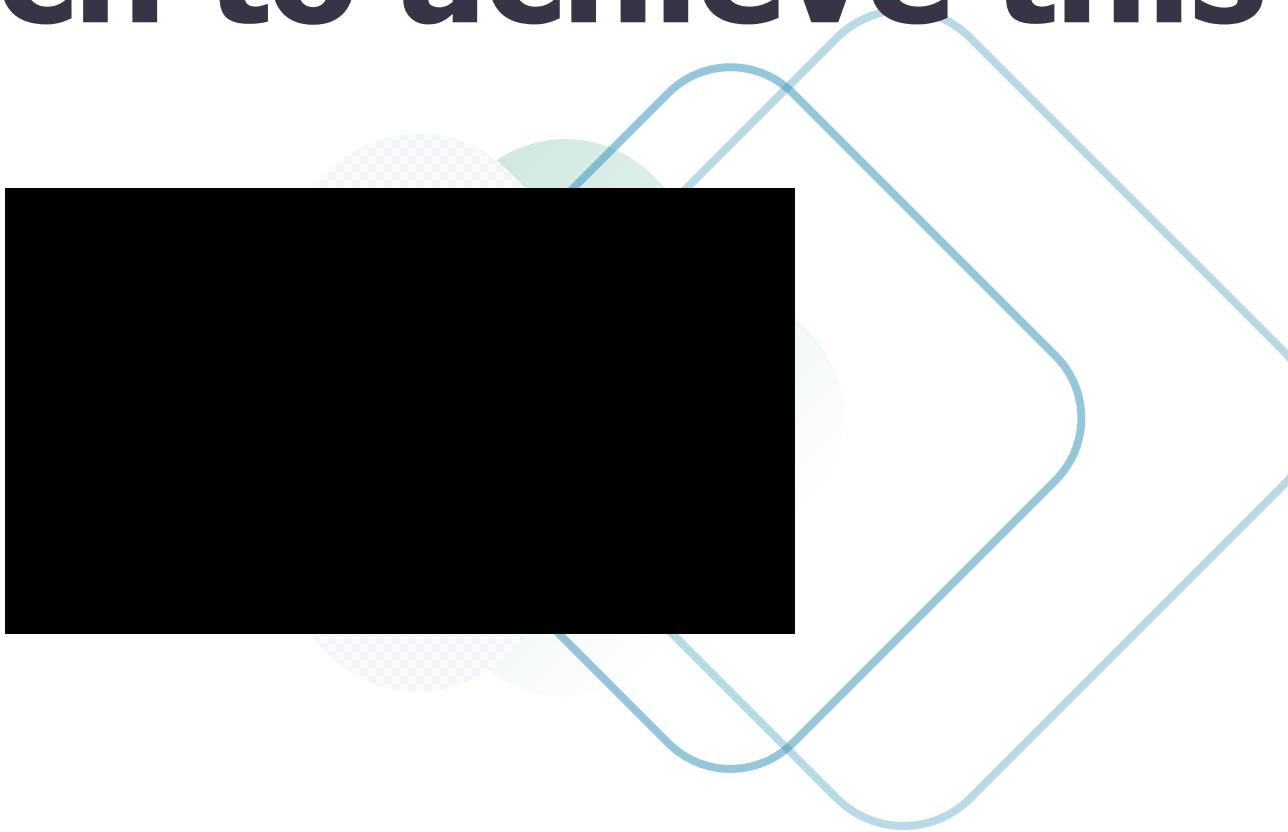


It will significantly reduce constituent requests for immunization data because the public will have anytime, anywhere access to their state-sanctioned data.



**It will make validating
Guardian/Child and other
custodial relationships is
easier.** Real-world legal
relationships can be
mirrored and validated
using encryption key
associations.

Can we leverage existing Web3 tech to achieve this vision?

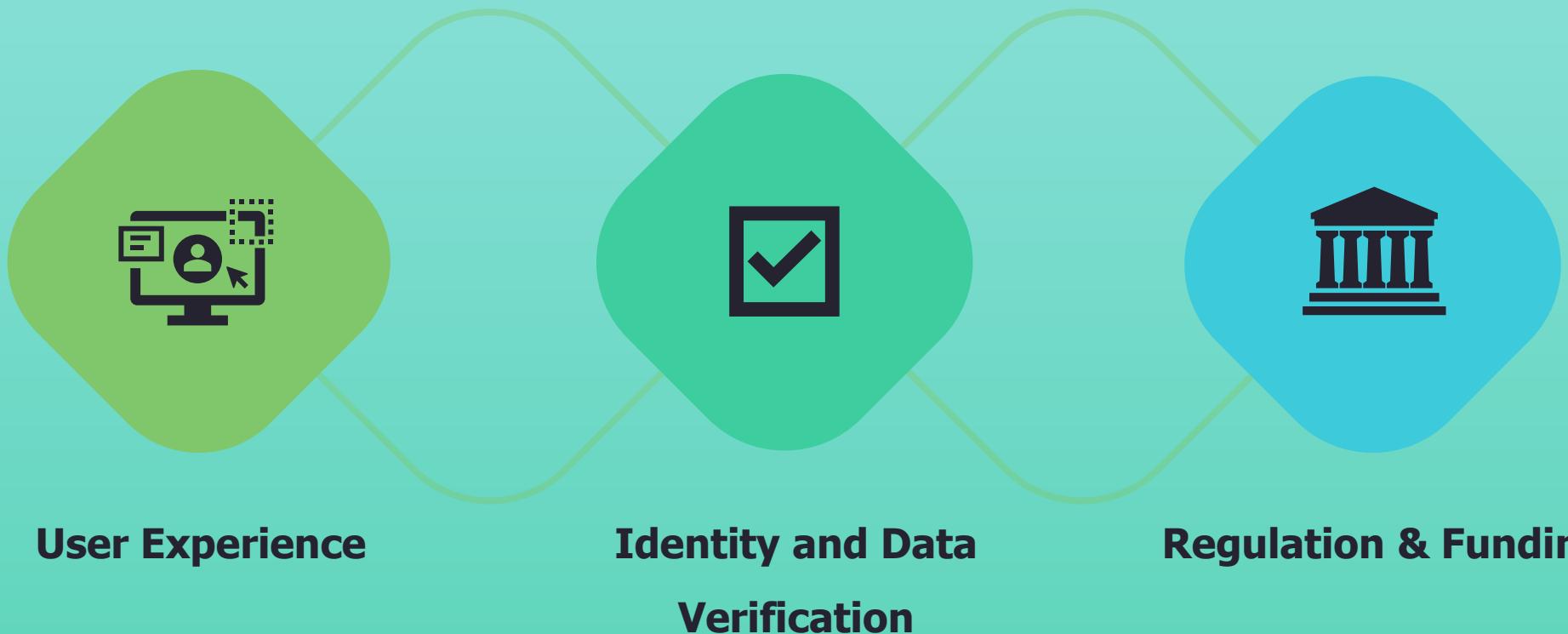


Our prototype demonstrating some of these concepts with immunization data transactions on a decentralized network.



**So, what are we
waiting for?**

There are still some hurdles to overcome...



Despite these Challenges

The Web3 Revolution *is* coming

**to Healthcare and Public
Health...**

it will support greater interoperability between public health agencies, health service providers, and researchers, all while enabling individuals to own their personal health data!

Your takeaways.

1. Younger generations are adopting Web3 because of the ownership and privacy benefits as well as the freedoms it enables - They will soon demand Web3-based solutions across every aspect of their lives, especially sensitive data.

Despite these Challenges

The Web3 Revolution *is* coming

**to Healthcare and Public
Health...**

it will support greater interoperability between public health agencies, health service providers, and researchers, all while enabling individuals to own their personal health data!

Your takeaways.

2. Healthcare and Public Sector organizations are already exploring solutions using Web3-based technologies, like blockchain. Don't fall behind - make Web3 part of the discussion with your partners and peers.

Despite these Challenges

**The Web3 Revolution *is* coming
to Healthcare and Public
Health...**

it will support greater interoperability between public health agencies, health service providers, and researchers, all while enabling individuals to own their personal health data!

Your takeaways.

3. Stay curious about Web3 and how it can benefit your organization!
To start, join us at the M Corp table to continue the conversation – we'd love to partner with you on helping your organization prepare for a future in Web3!

Thank You!

**David Lindstrom
M Corp, Chief Innovation Officer**

David.Lindstrom@the-mcorp.com



Sources

Slide #	Type	Information
2	Screenshot of Interactive Media	Sotheby's Decentraland Screenshot taken by M Corp employee in Decentraland on 4/6/23
2	Image	Justin Bieber Concert Flyer https://www.xrtoday.com/virtual-reality/wave-to-host-justin-bieber-metaverse-concert/ accessed 4/5/23
2	Image	Vogue Fashion Week Booth https://www.theverge.com/23668846/decentraland-metaverse-fashion-week-2023
2	Image	Fiat 500 metaverse showroom https://dappradar.com/blog/virtual-worlds-soar-record-land-sales-generate-311m accessed on 4/5/23
2	Image	Roblox Character "try buy" https://www.roblox.com/games/7041939546/Catalog-Avatar-Creator accessed on 4/5/23
2	Image	The Sandbox "Minecraft" https://www.nintendo.com/store/products/minecraft-switch/ accessed on 4/5/23
2	Image	Meta "horizons world" https://en.wikipedia.org/wiki/Horizon_Worlds#/media/File:Horizon_Worlds_logo.jpg uploaded January 30, 2022
2	Image	Digital wallet images from https://trustwallet.com accessed on 3/23/23
9, 10	Images	Provider and individual images from MSFT stock images, cutout people