



Revolutionizing Healthcare through Blockchain Technology

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What is Blockchain?

It is a database that provides a **single source of truth** amongst individuals and organizations.

What does it mean?

What I see is what others see.

We can trust the data and transactions to be truthful – valid and tamper-proof.

How does blockchain do that?



- ✓ **Distributed database / ledger**
- ✓ **Encrypted data**
- ✓ **Chronological & Timestamped**
- ✓ **Irreversible & Auditable**
- ✓ **Consensus-based**

Where do you use blockchain?

Cryptocurrencies are run
using blockchain
technology.

Why blockchain for cryptocurrencies?

When someone transfers P5, you get P5. You share the same truth that the other has more than P5 to his account.

Other uses of this technology?

Definitely. Blockchain is being used in logistics, banking, public sector, utilities, etc.

Healthcare Industry Applications of Blockchain

What can blockchain offer my industry?

- **Save Time**
- **Reduce Risk**
- **Reduced Cost**
- **New Business Model**

Use Case #1

Medical Data Management

Patients and providers will have a one-stop shop access to their history. Patients can take control of their own data.

Imagine doctors able to access a single truth of records about their patient (w/ permission granted); Wherever they are with the assurance of validity of records.

Use Case #2

Supply Chain Integrity

Reduce counterfeit drug cost implications to business through traceability (compliance, sourcing, logistics, etc.)

Solving this issue can save the industry billions from the counterfeit drug market

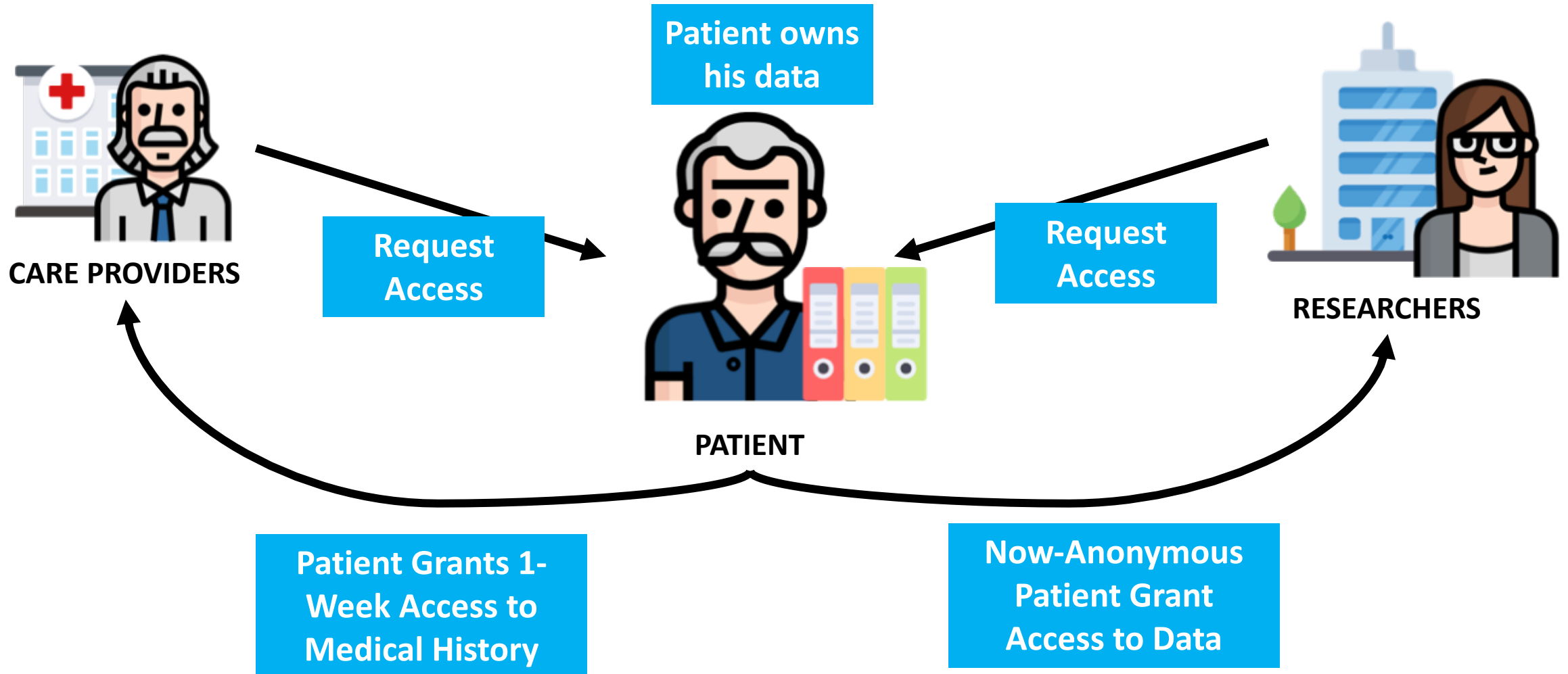
Use Case #3

Medical Research

Centralizing data while ensuring privacy can help accelerate medical innovation and improve care.

Different institutions run different databases to store results that is highly complex to consolidate and process.

What could my industry look like?





How do we start with our blockchain initiative?

- ✓ Assess value chain: value, security, high transaction costs
- ✓ Collaborate
- ✓ Start small
- ✓ Iterate



Thank you.