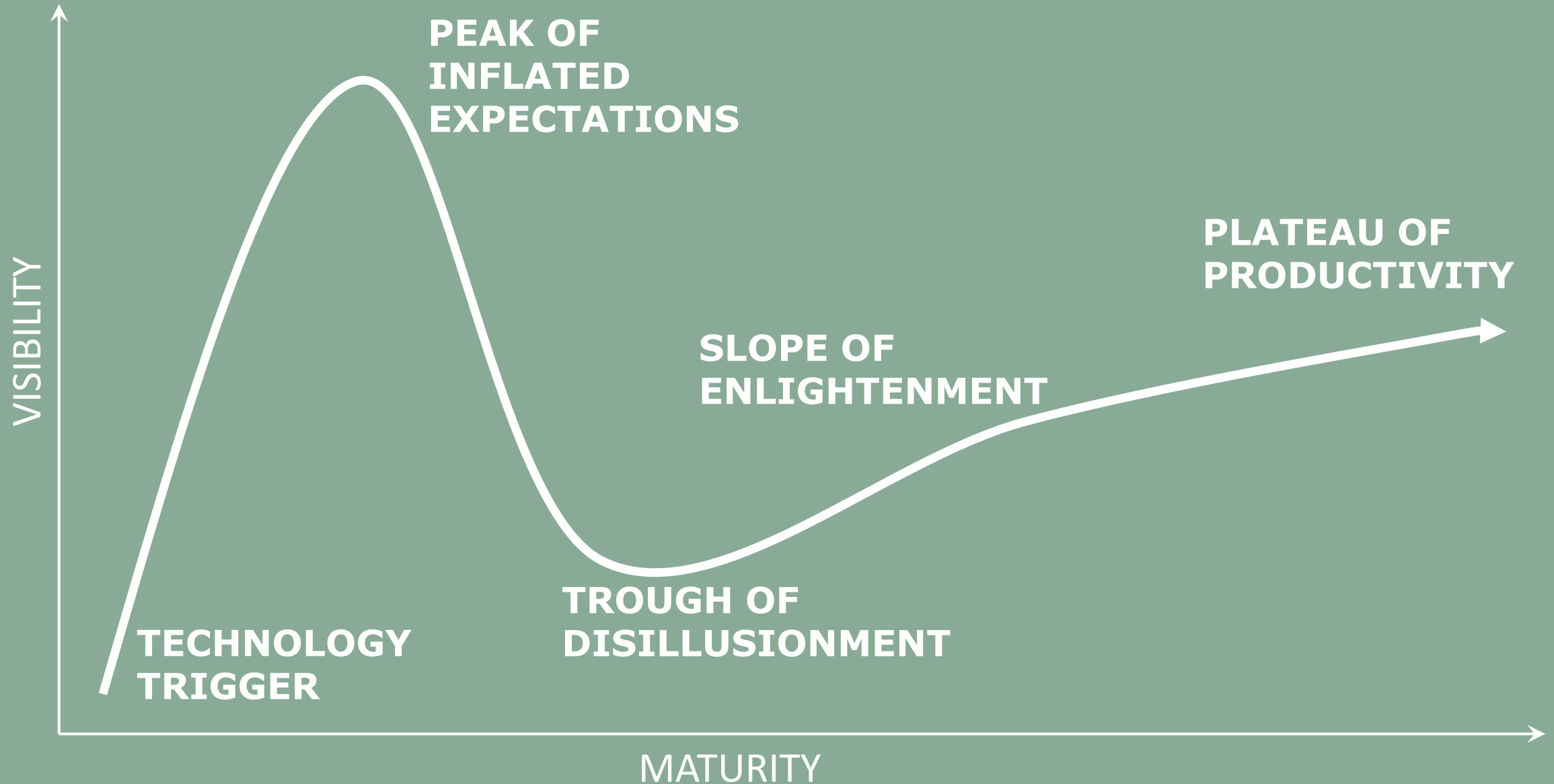


# The blockchain technology for the business registers

**Gary Walsh,**  
Enterprise Registry Solutions  
ECRF – VILNIUS 2017

A diagram illustrating blockchain technology. It features a central blue hexagon containing a 3D blue cube and several smaller blue circles and white hexagons. Below this, a series of hexagons are arranged in a path, with some containing green arrows pointing right. Dashed white lines connect these hexagons, suggesting a sequence or flow. The background is a dark blue, semi-transparent image of a modern city skyline with skyscrapers.

# Blockchain - The Myth



# Blockchain 101

- Distributed network
- Immutability of the record / Transparency
- Enabling Technology
- Smart Contracts

# Different types of blockchain



ethereum



**HYPERLEDGER**

symbiont

guardtime 



MultiChain



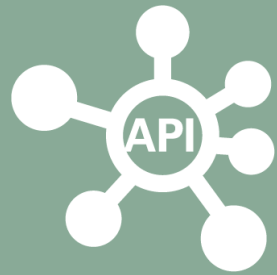
# Distributed Ledger Technology

“Blockchain” is a type of distributed ledger

Public blockchains not always suited

# What's new?

We already know how to share data



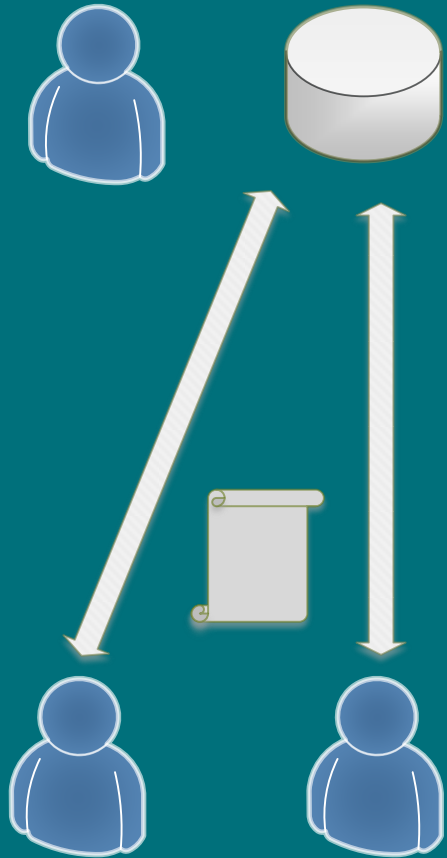
Digital Signatures?

Distributed Databases?

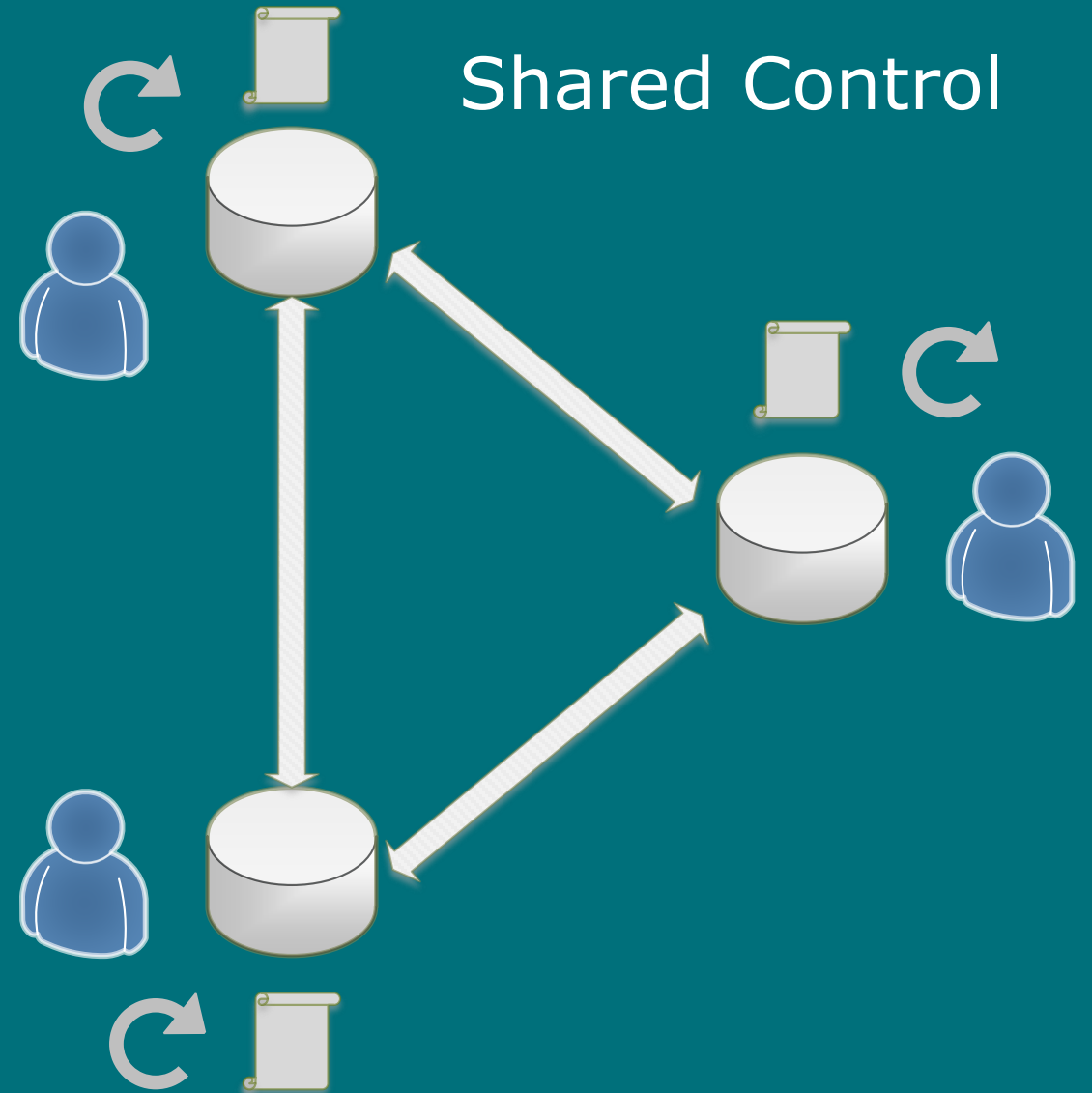
Peer-to-peer?

# Sharing Control

Single point control



Shared Control

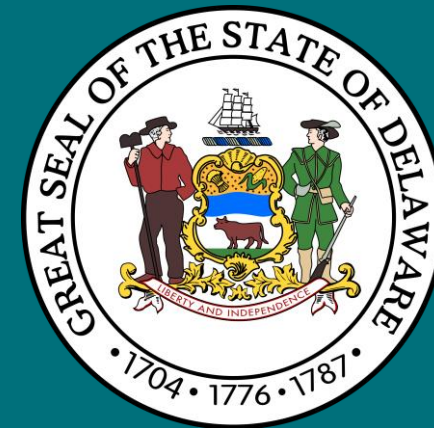
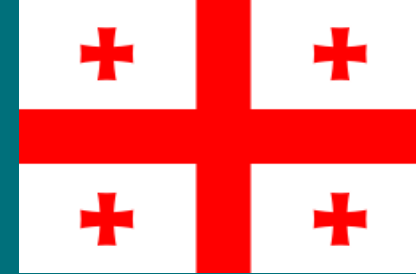


# Potential Use Cases

- Land Registry
- Identity Management
- Record management
- Registry interoperability



# Use cases in action



# Imagine.....a network of information relating to an entity throughout its entire lifecycle

Real-time  
Information

Provenance  
of Records

Value add  
Information

Increased  
Transparency



Incorporation

Tax  
Registration

Business  
Licenses

Bank  
Accounts

Change  
Director

Create  
Branch

Company  
Monitoring

Merge  
Company

IPO

Dissolution