



# Blockchain For Aviation

**Blockchain Potential in Aviation**

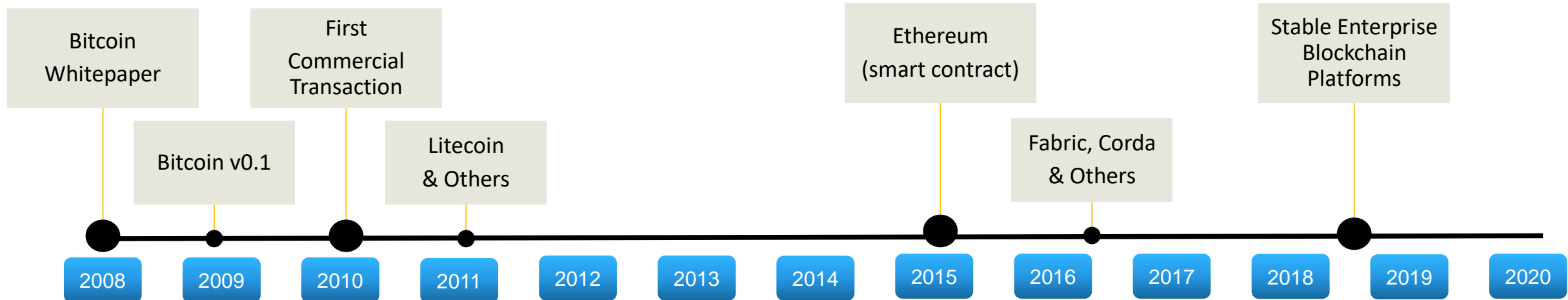
AACO/IATA Technical Forum – Kuwait

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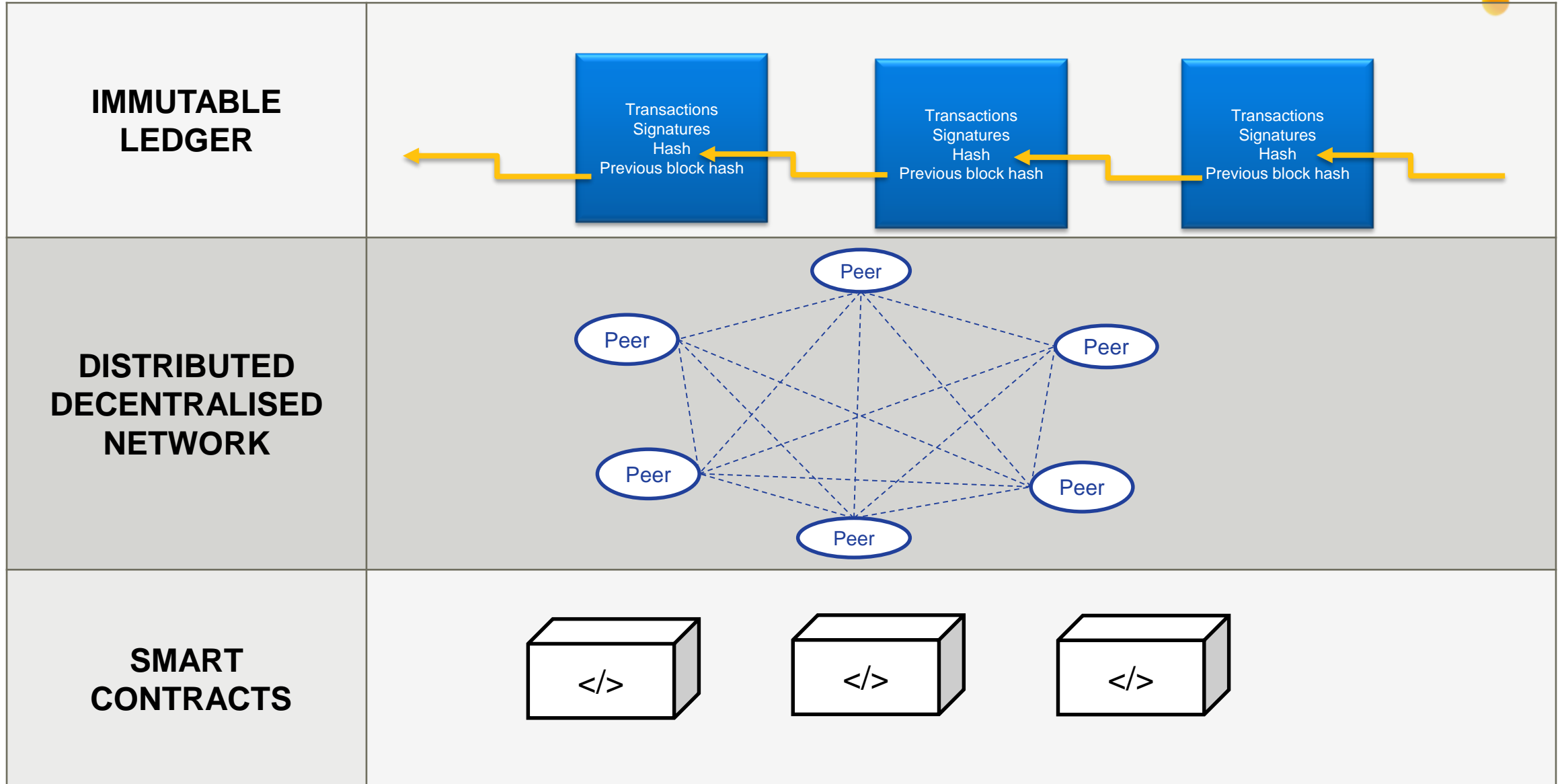
**SITA**

# A Short History of Blockchain...

“Satoshi Nakamoto”?  
Peer-to-peer digital currency  
Solve the “double spend” problem



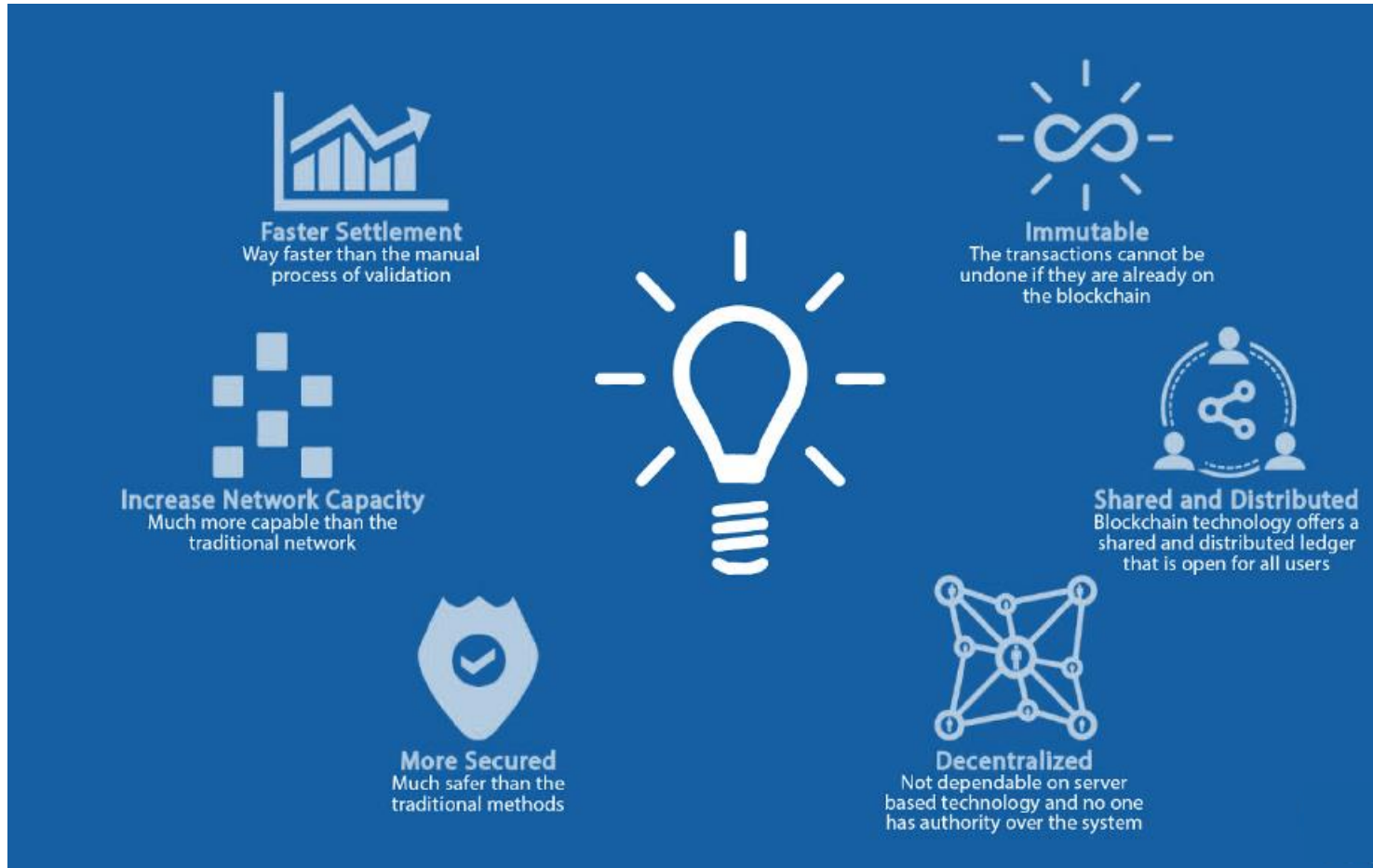
# What is Blockchain exactly?



# Why does it matter/Why is it different?

- **Decentralized Model**
  - Not “my data” vs “your data” but a shared “single version of the truth”
  - Not centrally owned and managed
- **Code Model**
  - Interaction defined in smart contract code
  - Not “my interpretation” vs “your interpretation” but shared code
  - Removes manual processing/disintermediation
- **Trust Model**
  - Not “I trust the data because I know you or we have a legal contract” but “trust you because I trust the system”

# What does blockchain solve generally?



## SIMPLIFY

- De-duplicate time and effort
- Automate business interactions
- Disintermediation

## COLLABORATE

- “Single source of truth” for shared data
- Shared network
- Shared data format and data rules






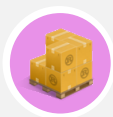



## TRUST

- Who said what and when
- Cannot be tampered with or shredded
- Verify compliance

Anywhere you have multiple parties who need to transact where there is not full trust between the parties

# What about Blockchain in Aviation?

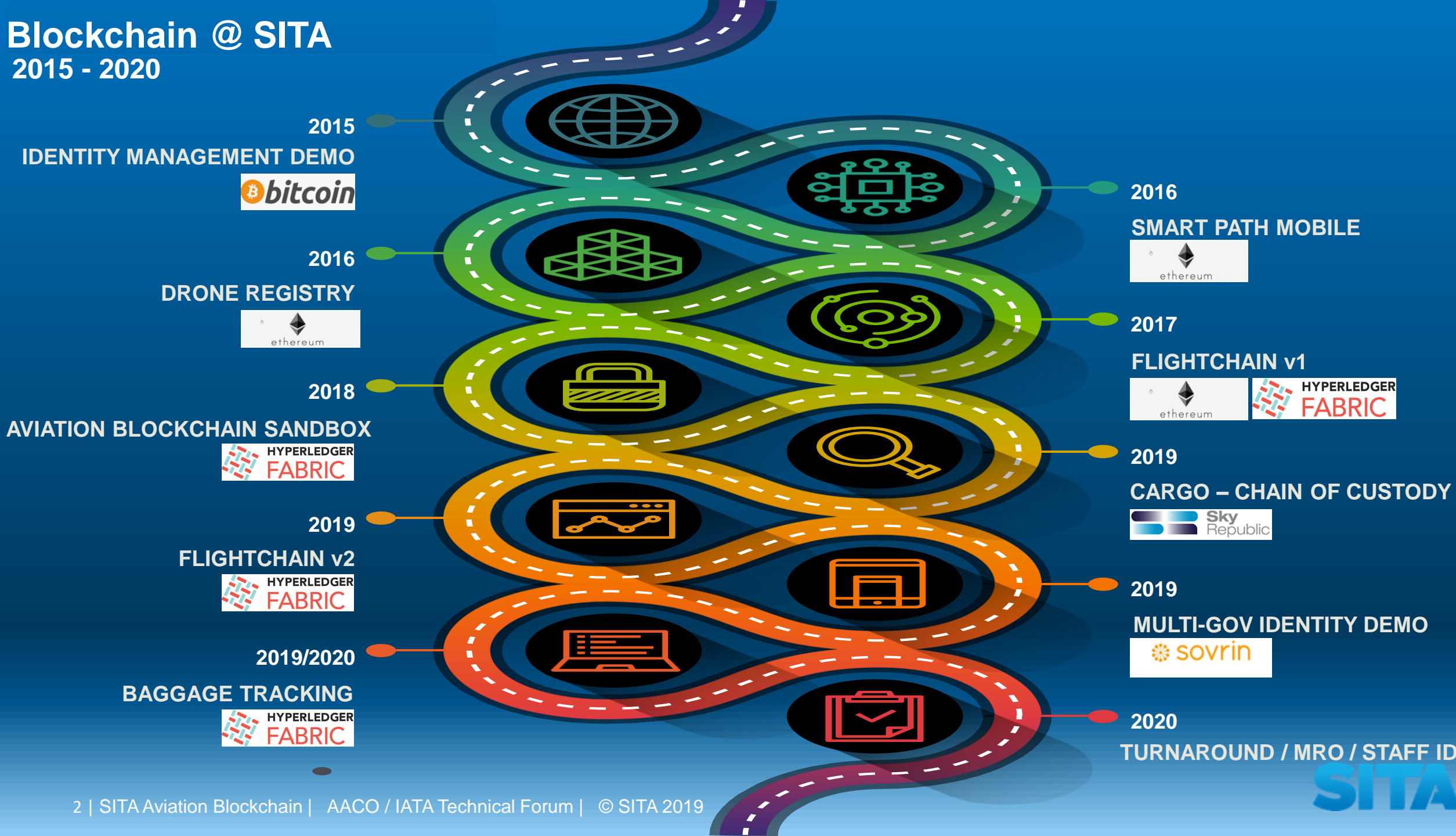


TRUST	COLLABORATE	SIMPLIFY
 Identity	 Flight operations	 A/C Maintenance
 Certification	 Turnaround	 Cargo
 Loyalty	 Baggage	 Settlement

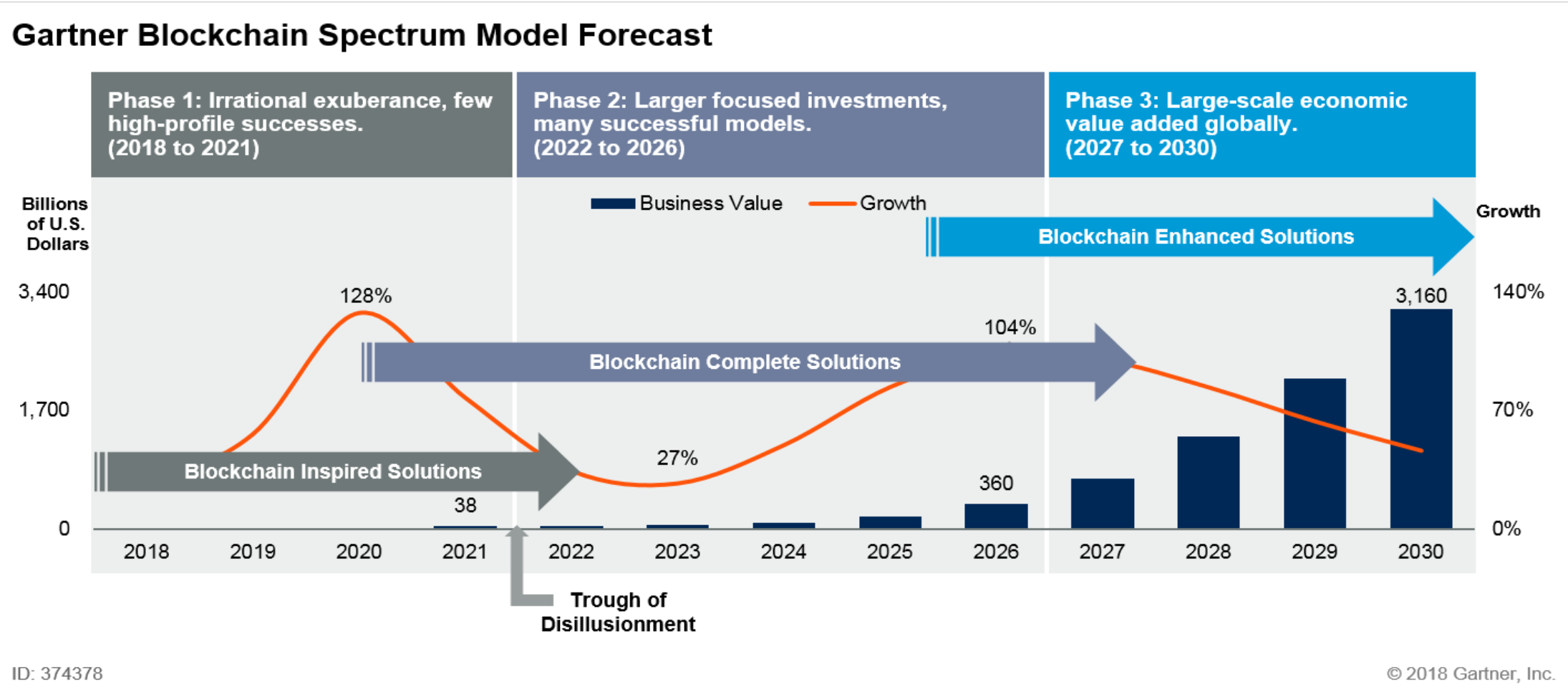
Help drive better **Industry Collaboration**  
Help achieve **Operational Excellence**  
Help deliver a **Seamless Passenger Journey**

# Blockchain @ SITA

2015 - 2020



# ...and where are we going?



**This is the time to get going with Blockchain!**





**Thank You!**