

# Introduction to Blockchain and Airport Operations in a COVID-19 Environment

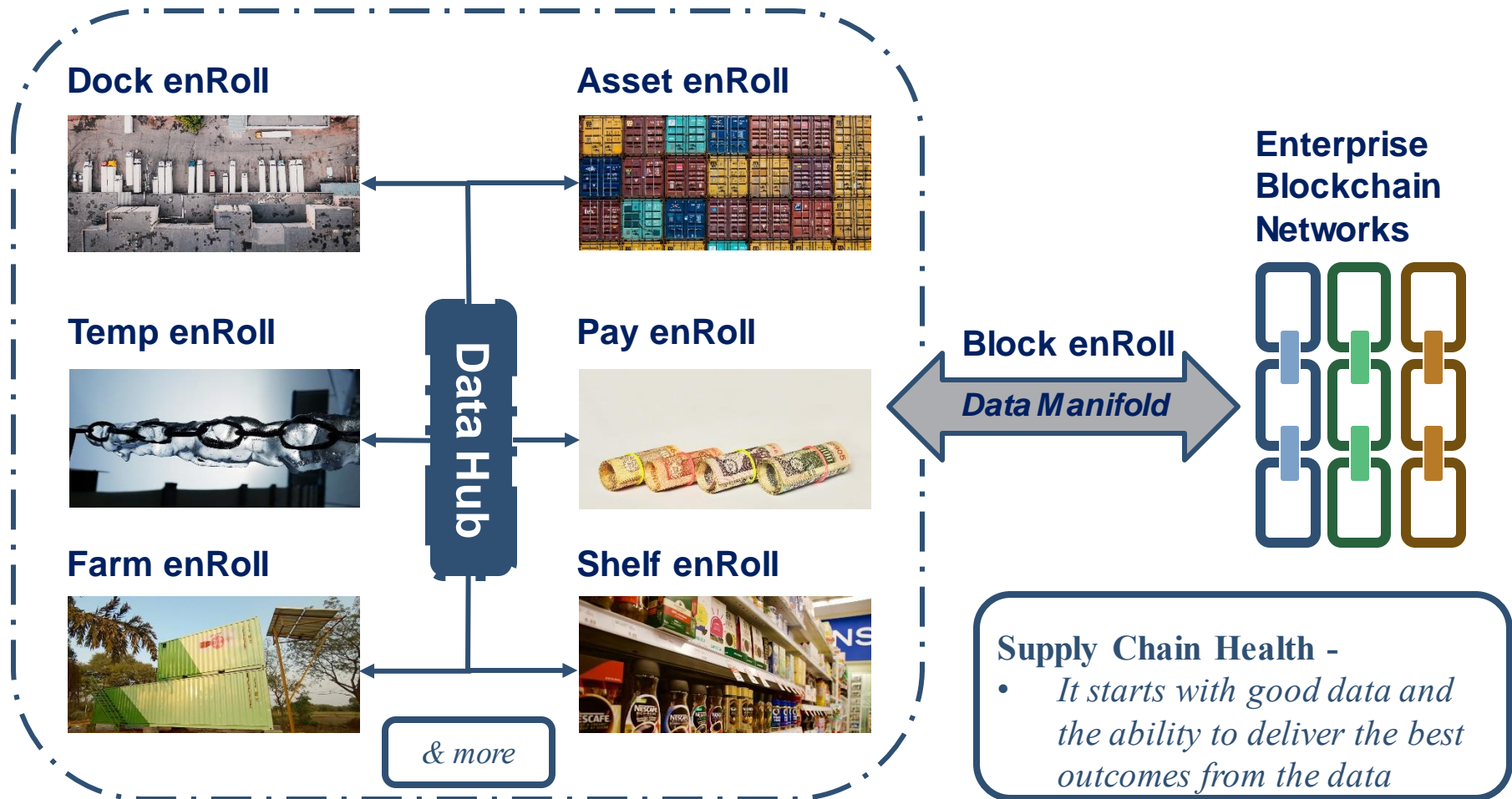
## Enabling Supply Chain Health with Blockchain

August 4, 2020



**BLOCKCHAIN**

# Equinordic: Supporting Supply Chain Health



# Thinking About Blockchain

*Blockchain is an example of a “general purpose technology”*

- What operational problems are we solving ?
- What business value are we adding ?
- Do we need a Blockchain ‘consortium’ to do this ?
- How do we create workable rules of engagement & Governance ?
- Can we capture good data ?

## INDUSTRY CHALLENGES

Mission Critical Operations

Complex & Competitive Landscape

High Fixed Cost Base

Highly Regulated Industry



# Industry Led Blockchain Success Factors

- 1. Strong & committed leadership**
  - Industry Influencers
- 2. Industry wide issue to address**
  - Food Safety
- 3. Clear opportunity to disrupt the status quo**
  - Trade Finance
- 4. Focus on the consumer**
  - Apps for Engagement
- 5. Shared distribution of value**
  - A reason to become involved



# Opportunity areas for Air Cargo

**1. Automated usage and financial processes using Smart Contracts**

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**2. Enriched Customs Clearance & Paperless Trade**

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**3. Assured Asset Maintenance**



**4. Shared use of Physical Assets**

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**5. Identity & Certification Management**

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**6. Greater transparency to activities, costs, ownership**

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**7. Invoice dispute resolution**

# The Broader Supply Chain Context

**Design Guide:**  
"Form follows Function"

- **Consumer focus** - Provenance & Sustainability
- **Regulatory change** - drive for advanced access to "verified data"

*From .. "where's my product?"*



# “Together, We” Can Deliver Supply Chain Health

.....*For the Aviation Industry and Beyond*

- **Blockchain** - the shared infrastructure for digitisation
- **IOT** - Addressing the ‘last mile’ problem
- **AI applications** - generating value from data
- **Collective Intelligence** - Best of human and machine
- **“Together, we”** need to design solutions that use Blockchain and other technologies that can deliver greater **supply chain health**

