

# Driving DLT innovation on an open platform

Richard Phipps  
Property & Speciality Underwriting,  
Swiss Re





Distributed Ledger  
Technology at the  
enterprise level  
has developed  
decent  
foundations.

Real value will follow within  
industries and even more so,  
as cross-industry bridges form.

# Swiss Re's Distributed Ledger Technology Journey

## 2015: KICK-OFF

- Cross-Functional team of IT, Strategy, Business experts discuss use cases, engage first partners.

Establish a Blockchain working group

Build capability, Learn through experience

## 2016: EXPLORE & EXPERIMENT

- Learn about the technology through partnerships, hands-on programming, speaking at events.
- Explored Use Cases, Created Reinsurance Prototype using Ethereum.

## 2017: INDUSTRY PROTOTYPE

- One of 15 Reinsurance industry companies that created an Insurance Placement & Administration prototype using Hyperledger Fabric. The Blockchain Insurance Industry Initiative ('B3i').

Collaborate, Use Case drill down

SR Group DLT Strategy. High value growth & Efficiency plays

## 2018: PURSUE STRATEGY

- One of 13 B3i shareholders. Build for Production using R3 Corda.
- Explore other Use cases & engage with other industry consortia.

## 2019: BUILD FOR PRODUCTION, R&D

- Support B3i Platform development & support clients to use first Application.
- DLT/IoT/AI exploration via Supply Chain & Urban Resilience practise (Swiss Re Institute)

Mature the Use Cases / DLT in action

# Insurance Industry Challenges

- Profitability across business lines
  - Growing 'Protection Gap'
- Opportunity cost of Products matching modern market needs
- Inefficiencies due to proliferation of services for the market, often with proprietary data exchange



Improved data exchange capability & efficiency can help to tackle these industry challenges

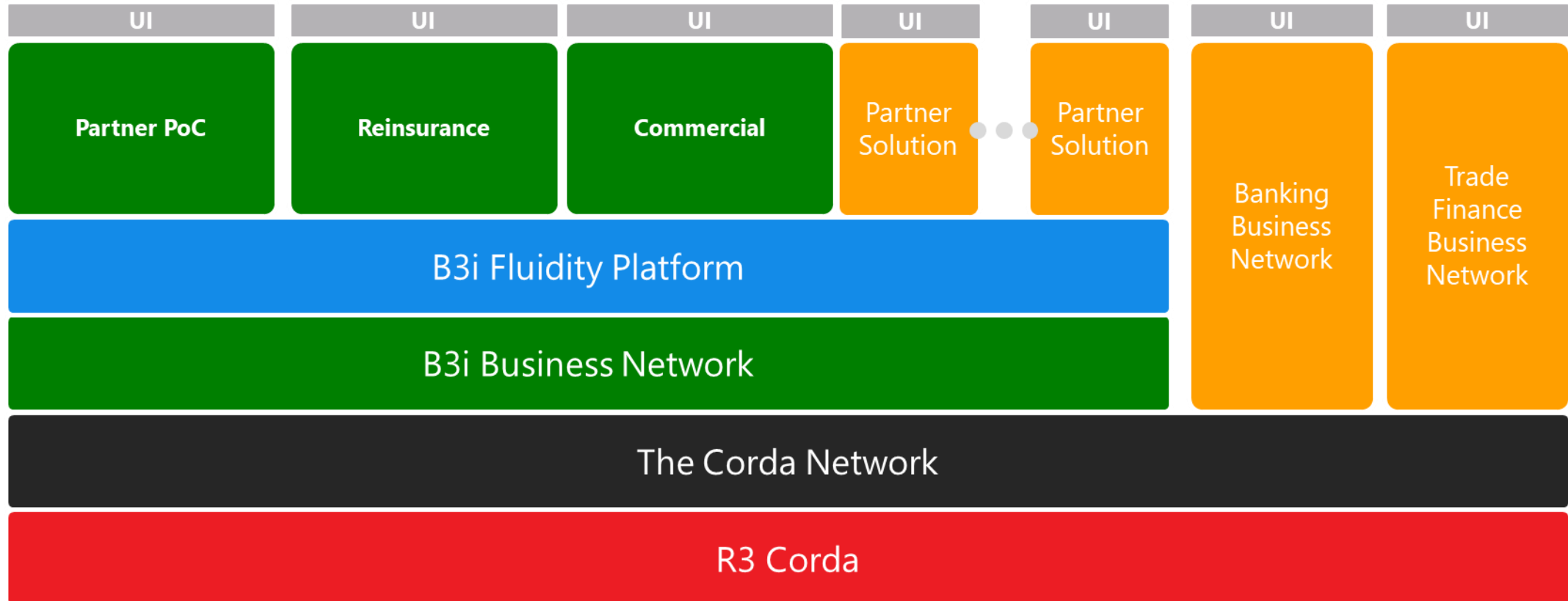


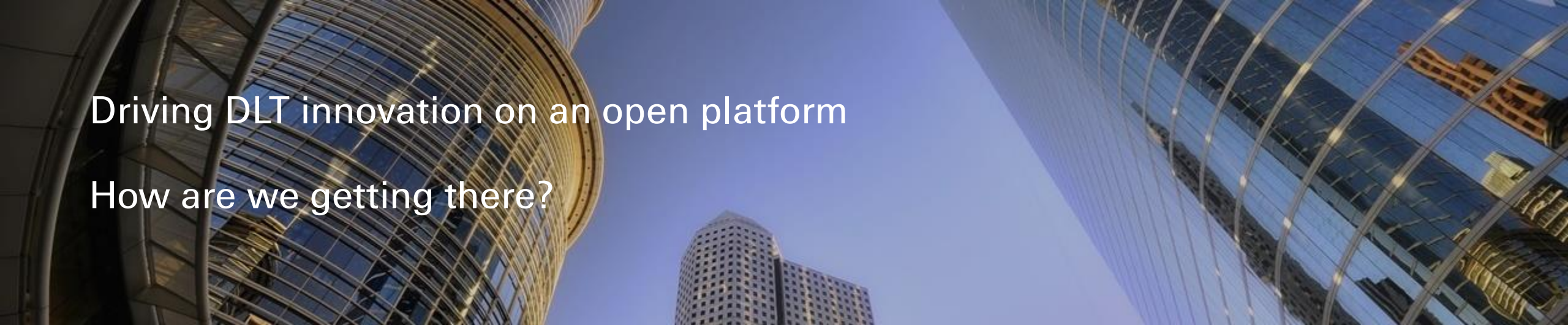
## How can open DLT platforms help?

- Drive the adoption of data exchange standards to make the delivery of existing products more efficient
- Encourage a dynamic, thriving insurance ecosystem of those with risks to cede, their advisors, carriers and service providers.
- Solution option for new risk & insurance products, enabled by cross-industry DLT
- All whilst maintaining access & control of your data



# Example solution: The B3i Business Network & Partner Applications





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## How are we getting there?

### Technology

- Starting point of private, permissioned Distributed Ledger Technology
- Scalable solution architecture
- Explore & support the development of 'Smart legal Contract' approaches

### Use Cases

- Focus deeply on a narrow set of use cases in order to clear the operational readiness hurdle
- Platform opportunities

### Operational Readiness

- Maturing organisation and governance of software provider & Platform operator
- Education for Compliance, Legal, Risk, Regulatory & Audit experts
- Hands-on training for operational team members
- IT operations

## What benefits do we expect?

- Easier to do business with us via fewer, but better channels for risk, contract and administration data
- Increased adoption of industry data standards
- Improved certainty of data across the business process value chain
- Opportunity to write new products that require real-time data exchange







Will you support the open network vision?

## How you can get involved:

- Connect with Swiss Re in respect of:
  - B3i & associated use cases
  - Supply chain or Urban resilience
  - Protocols for Open Networks
- Connect with B3i regarding their business Network, applications and services
- Learn more about the R3 Corda network and discover the Corda marketplace



Any questions?

# Thank you!

Contact me:



**Richard Phipps**  
Senior Project & Delivery Lead  
Richard\_Phipps@swissre.com

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