openIDL

Regulatory Reporting Steering Committee (RRSC) Kick-off Meeting

Aug 16th, 2021

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Agenda

- Introduction of AAIS and Linux Foundation/openIDL Project
- Anti-Trust Policy
- An External Data Strategy –Building a Network
  - openIDL Project – openIDL.org
    - Regulatory Reporting Steering Committee
- openIDL – The Blockchain/Distributed Ledger Platform
  - Overview of the Tech
- The First Successful Proof of Concept
  - Covid 19-Business Interruption Data Call
- Call to Action

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openIDL – An Open Blockchain Network for the Insurance Industry

openIDL (open Insurance Data Link) is an open blockchain network that streamlines regulatory reporting and provides new insights for insurers, while enhancing timeliness, accuracy, and value for regulators. openIDL is the first open blockchain platform that enables the efficient, secure, and permissioned-based collection and sharing of statistical data.

Decentralized Innovation.
Built on Trust.

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The Regulatory Reporting Steering Committee (P&C)

Advancing the development and implementation of openIDL for regulatory reporting by:

1.Evolving the openIDL network for the **next generation of regulatory reporting** to replace current statistical data reporting and independent data call activities.

2.Adopting open-source data standards for regulatory data reporting; and

3.Testing the openIDL with additional POCs to provide greater understanding around how to expand the openIDL network around regulatory reporting needs.

10 voting members – 5 regulator representatives and 5 company representatives
Approved by the Governing Board

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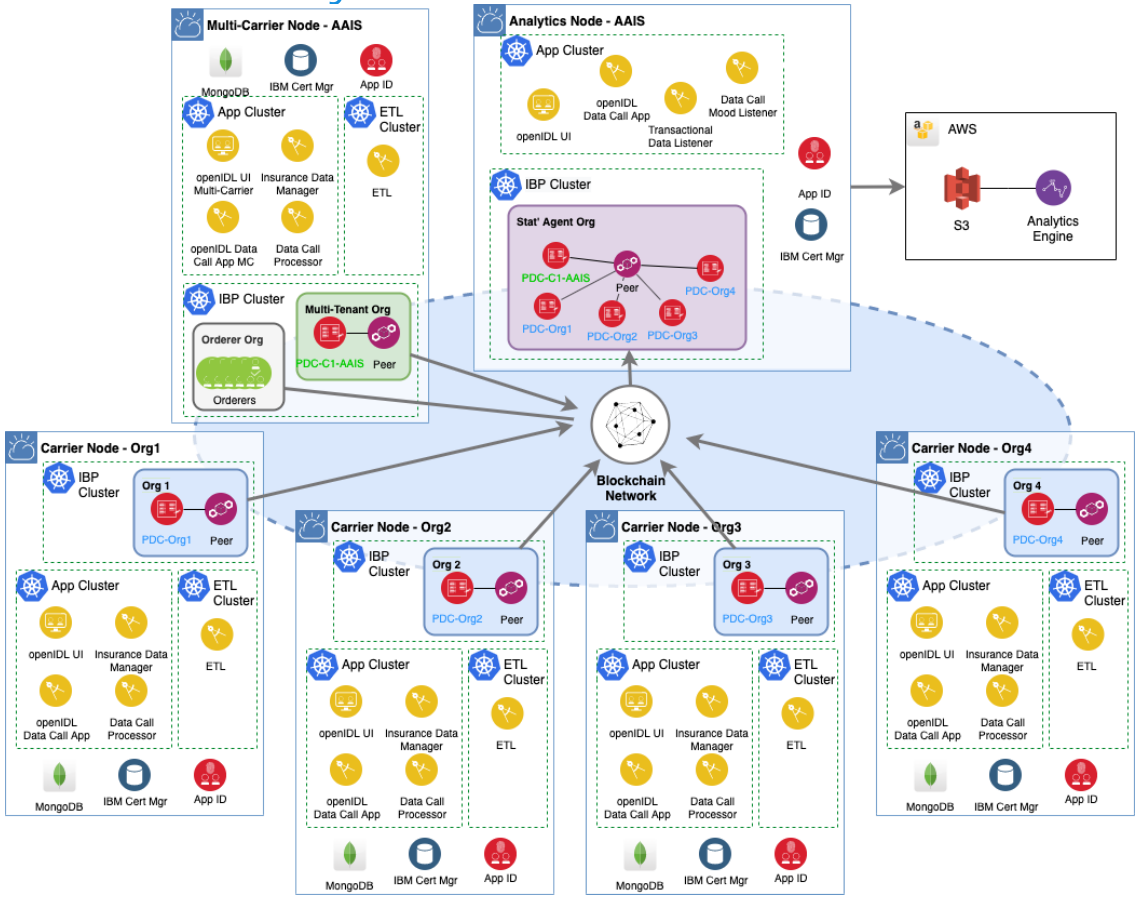
openIDL Data Call Ecosystem



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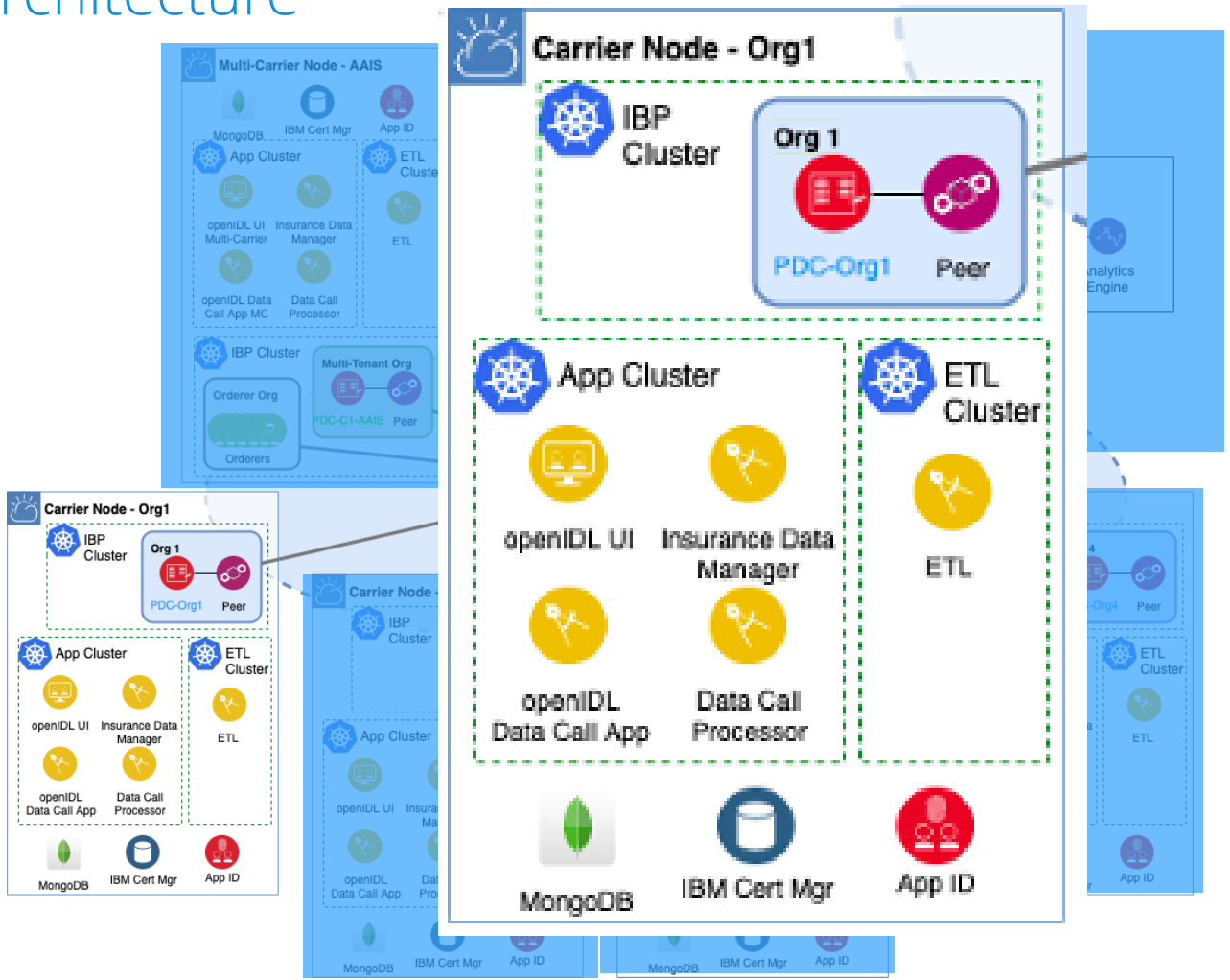
openIDL - Architecture



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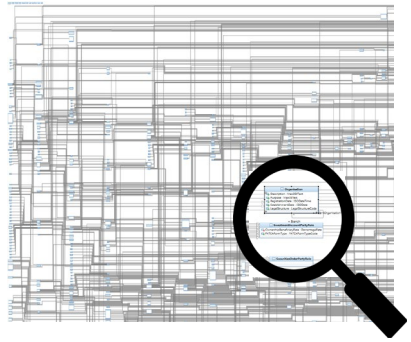
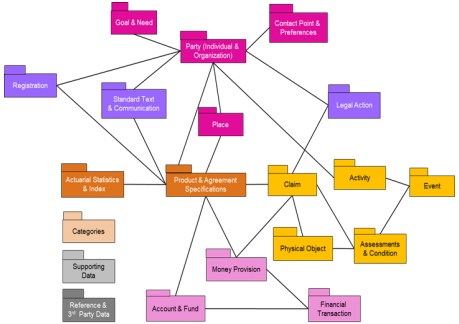
Harmonized Data Store

Regulatory Reporting Data Model (RRDM): Today

- *Homeowners Statistical Plan*
- *Homeowners Statistical Plan Plus: Data Calls*
- *Auto Statistical Plan, Plus: Data Calls (RC for OK)*
- *Commercial Property: COVID-19 Business Interruption (narrow focus)*

- **OpenIDL Model Framework** contains 15 of the 19 primary business subject areas commonly used to support the Business Of Insurance
- **Comprehensive and Flexible** design based on industry best practices
- **Data Driven** means add more mappings without major structural changes to model, based on Reference Model additions and industry model design
- **Reusable Data Patterns** and **Generic Structures** means one structure shared across all similar data categories
- **Content is added** based on the addition of new Lines of Insurance – and Communities





Subject Areas Currently Included:

Party (Individual & Organization)	Event	Financial Transaction
Standard Text & Communication	Physical Object	Place
Product & Agreement Specifications	Assessment & Condition	Categories
Claim	Money Provision	Supporting Data
Contact Point & Preferences	Account & Fund	Reference & 3rd Party Data

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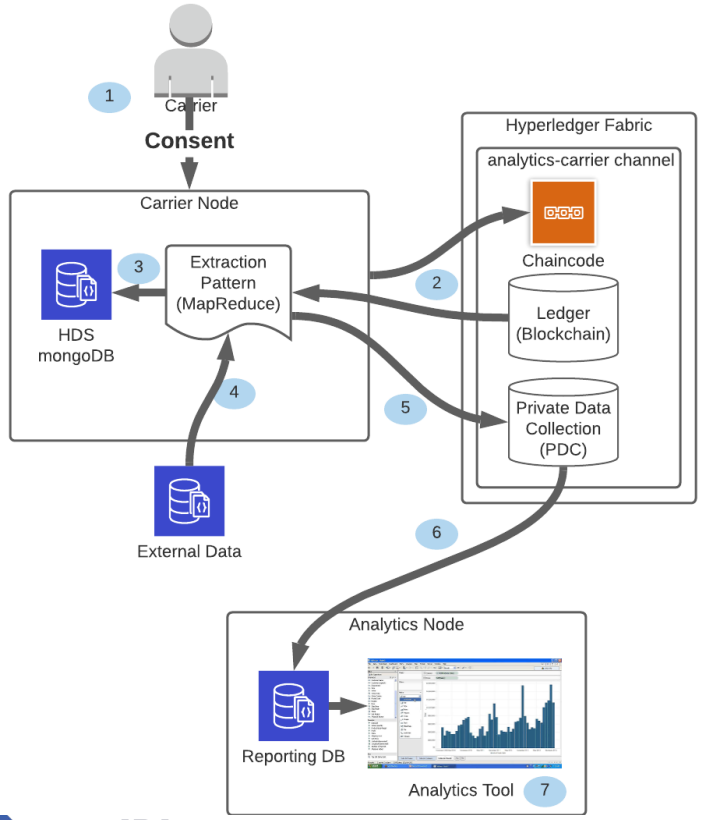
openIDL – Extraction Pattern (Report Query)



1. Carrier consents to the data call
2. Extraction Pattern is retrieved from the ledger.
3. The Extraction Pattern is run against the harmonized data store
4. Additional decoration of the data with external data can happen here. Like PPP
5. Result of the Extraction Pattern is placed into the private data store
    1. Hyperledger Fabric replicates this for the analytics node
6. The result is loaded into a reporting db on the analytics node.
7. The analytics tool generates the report.

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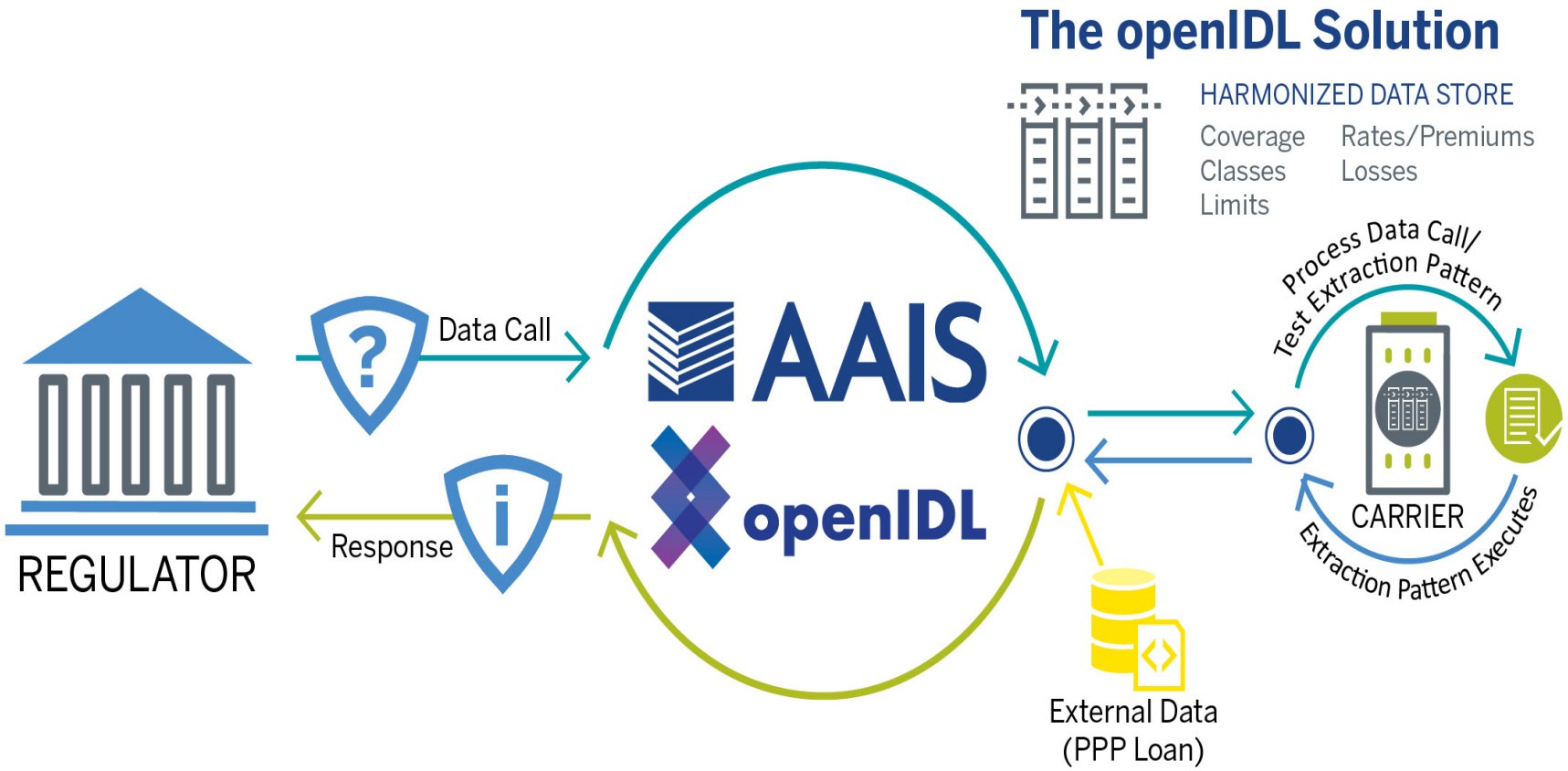
The openIDL Data Call Lifecycle



With openIDL, carrier data never leaves their control.

Delivered: Achievements and Results

- Major Firsts
  - Leveraging Insurers private data: Street address and Policy/Claim relationships
  - Relating Policies/Claims to publicly available data: Federal COVID-19 PPP Loan DB
- Goal Achieved
  - Identifying Data is kept private while detailed, accountable insights provided
- Technology Proven
  - Reporting efficiency & timeliness: Keys unlock existing reporting data by month
  - Insurer and Policy Data Privacy and Security is maintained throughout
  - Integrity of information can be transparently and objectively demonstrated

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Thank you

Interact with the Community

openidl.org/participate

Mailing Lists

Slack

Github

Wiki

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Meeting Details

Aug 16th, 2021

1:00pm EST

Register in advance for this meeting:

https://zoom.us/meeting/register/tJwpcO2spjkpE9a1HXBeyBxz7TM_Dvo8Ne8j

Dial-in if needed: +1-669-900-6833

Meeting ID: 984 7448 2392

Find your local number: https://zoom.us/u/aekU2b1ETk

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Regulatory Reporting Steering Committee (RRSC) Member Directory

RRSC Member	openIDL Role	Company	Member Email
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