

Regulatory Pull Reporting for Insurance using a shared data model

Leverage momentum and technologies to collaboratively
shape the future regulatory financial reporting together

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Introduction



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Current duties:

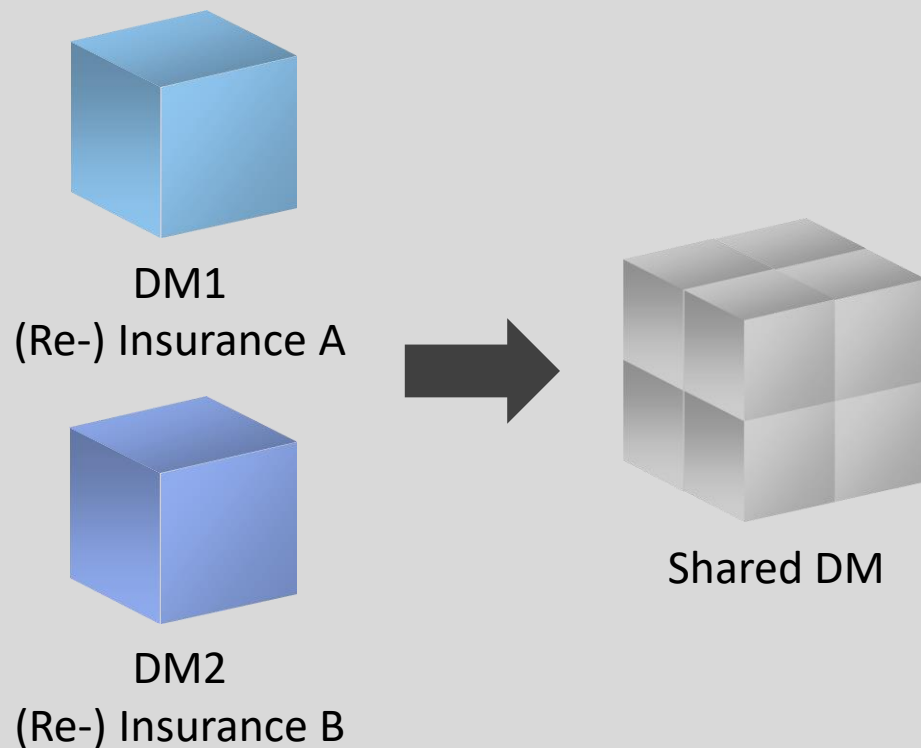
- 50% Leading a Finance IT team, responsible for Solvency II reporting
- 50% Leading the integration of B3i development to Swiss Re

Vision

Vision of regulatory pull-reporting using a shared data model to reduce costs, increase efficiency and a refocus on insurance matters, how to serve our insurance clients better and make insurance more affordable by using cutting edge technology end-to-end from TA via FA to reporting.

Create unique industry wide standardized data model

Illustration 1

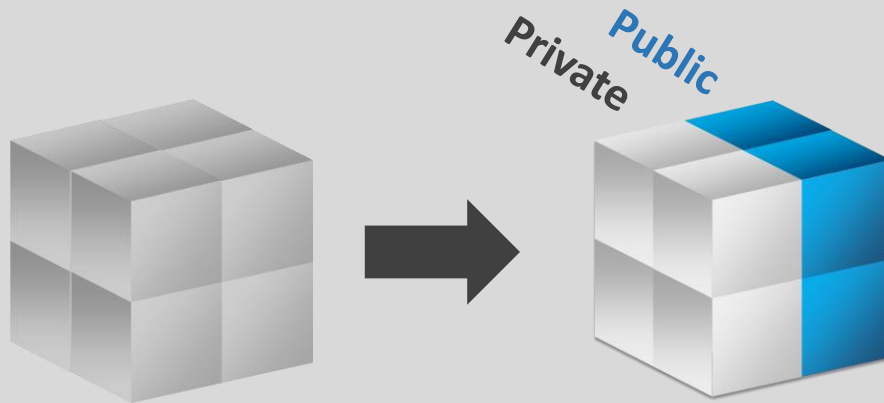


Detailed Description

- Create a unique shared data model for regulatory financial reporting
- Used along the (Re-) insurance industry
- Standardized data language
- Technology agnostic
- Reuse existing technologies / standards (for example Acord data language)
- Use scaling effect to create the data model and keep costs low

Split unique data model into private and public section

Illustration 2



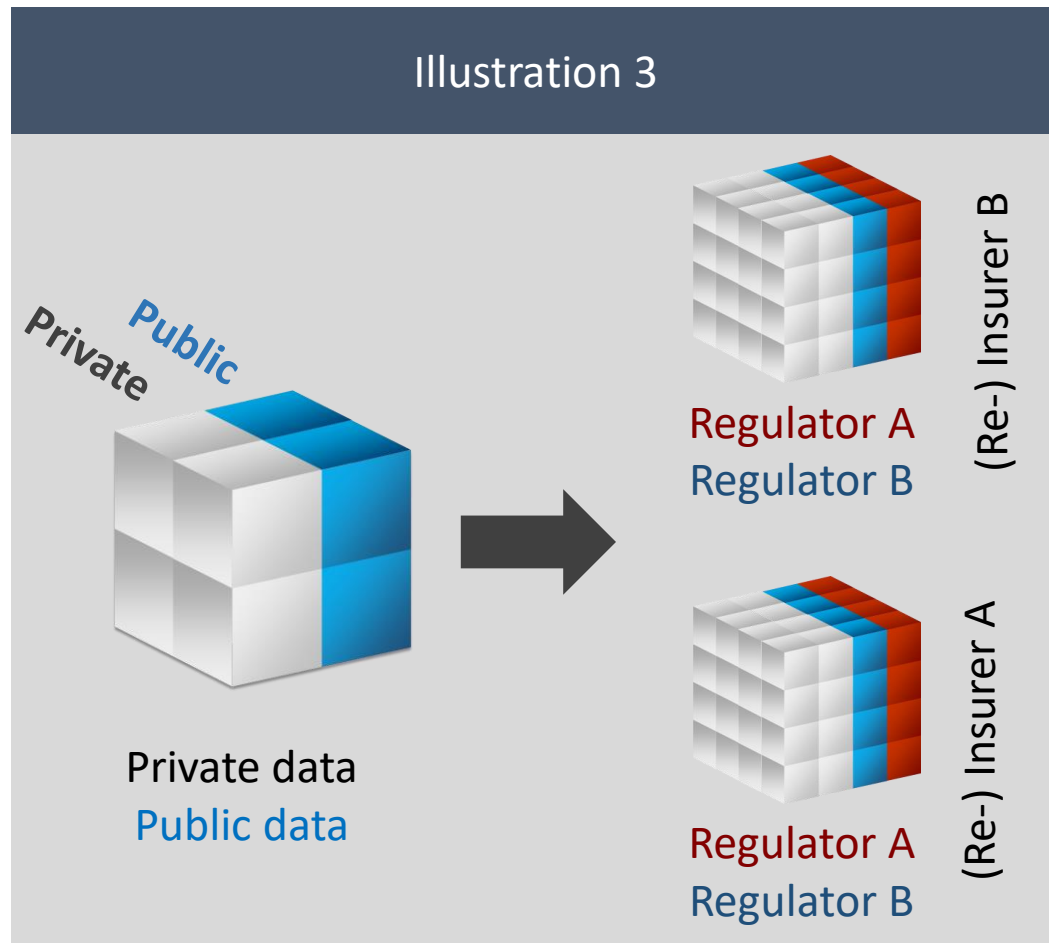
Shared DM

Private data
Public data

Detailed Description

- The shared and industry wide standardized data model is split into a public- and private data section
- The private data like customer data, contract details and conditions are not accessible from external parties
- Public data can be made limited accessible for external parties like regulators or tax authorities on demand

Access to public data can be steered

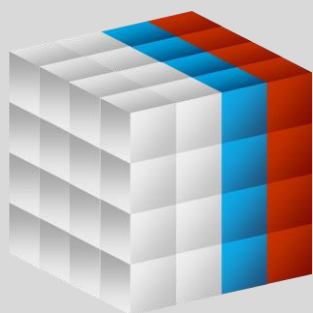


- Detailed Description
- The access to public data can be steered individually in order to provide access only to reporting relevant data
 - Currently n (Re-)Insurers send the same reports to the same regulators which represents n-time the effort
 - As the data model for each regulator view is the same, the regulator could pull all financial data via one standardizes interface which represents 1-time effort.

Enhance shared DM to new regulatory requirements

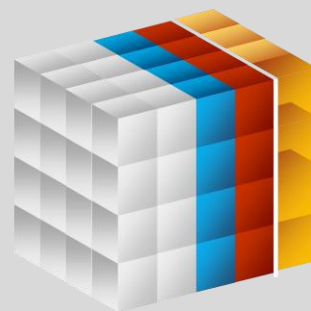
Illustration 4

All (Re-) Insurer



Regulator A
Regulator B

All (Re-) Insurer



New regulatory
requirements

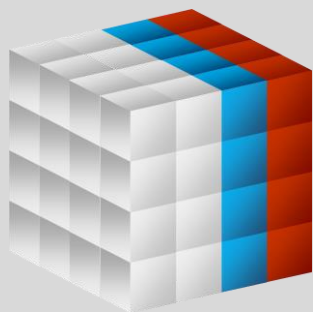
Detailed Description

- New regulatory reporting requirements may require to adjust the shared DM
- Adjusting the shared DM splits the investment / costs hurdle
- Opportunity for software vendors to provide regulatory-tailored solutions on an industry standard

Enhance shared DM to internal requirements

Illustration 5

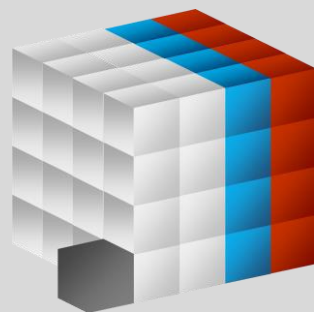
All (Re-) Insurer



Regulator A
Regulator B



(Re-) Insurer A

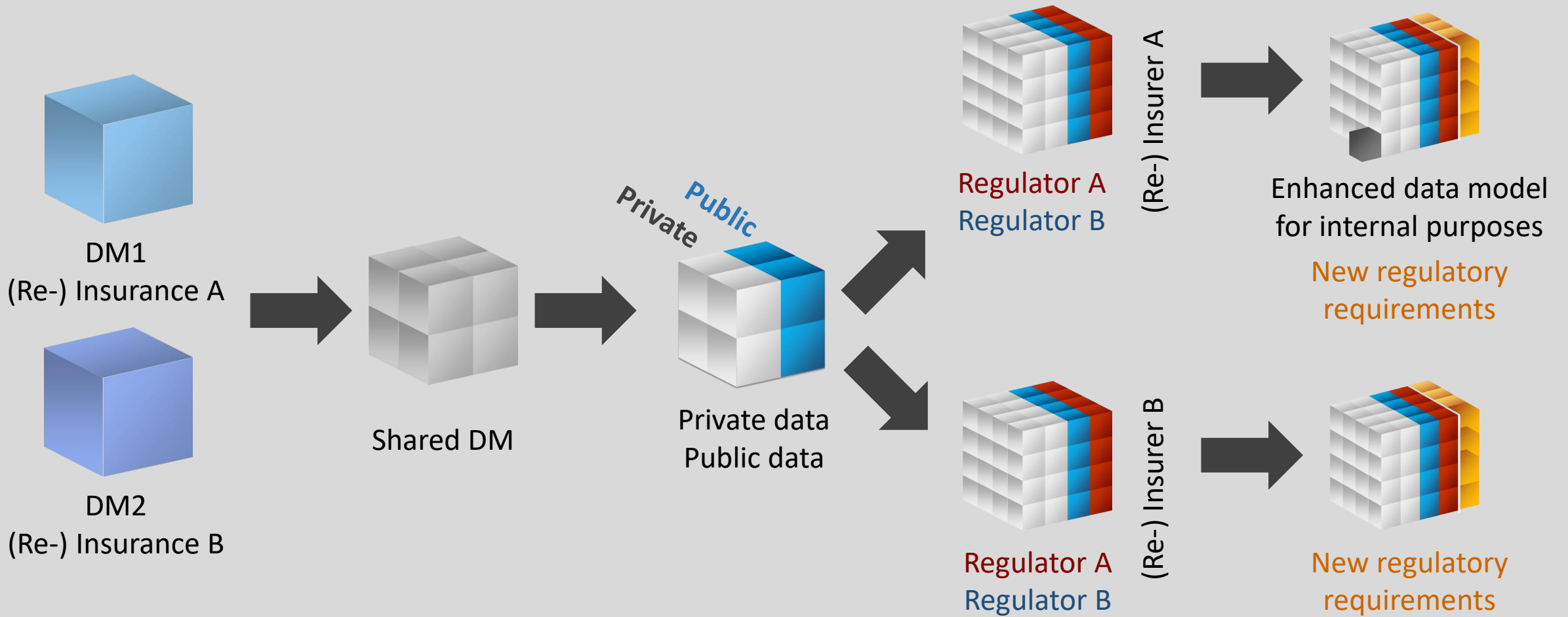


Enhanced data
model for internal
purposes

Detailed Description

- The industry wide shared and standardized data model can be extended for internal purposes
- These enhancements should not be financial regulatory reporting relevant

End-to-End Data Model development



Summary (1/2)

- The (Re-) Insurance industry should develop and implement a shared data model in order to fulfil financial regulatory reporting requirements
- Standardization of infrastructure does not mean to open- and share business knowledge and know-how
- Nobody gives up any competitive advantage by implementing a shared infrastructure
- Reuse of existing industry standards like Acord will help and be an excellent basis to go ahead
- The shared data model allows the industry to react on new / different regulatory requirements faster and allows to speak with one voice to regulators / authorities
- New interfaces to fulfil new regulatory requirements only need to be developed once based on the shared data model which reduces the individual implementation costs

Summary (2/2)

- Standardization allows scaling effects for the insurance industry, authorities / regulators as well as for the software industry and opens new business opportunities
- In order for the insurance industry to become more efficient the regulator may pull the data using one standardized interface to fetch all relevant information
- “Pull-reporting” is an interesting business case for Swiss Re and the whole industry to reduce costs on regulatory reporting, get more efficient, refocus on our insurance products and reduce premiums to target our clients needs and finally make insurance more affordable
- Insurance Industry collaboration to standardizes processes and technology is already implemented (B3i as a prime example)

Questions

Comments

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