



# WASATCH PARTNERS CONSULTING

## **Meeting BCBS Regulatory Requirements**

BCBS 239 Case Study

# Client Challenges

Wasatch Partners Consulting (WPC) was brought in to implement a major Data Governance project in order to meet regulatory BCBS requirements.

This process involved several aspects: data quality, master data management, organizational ownership, policies and procedures.

Essentially, our client wanted to understand the building blocks of data assets they produced, what data enrichments were performed, and the data flow to reporting outputs.

With this analysis, they could then evaluate their data controls and ownership model.

# WPC Solution

## Analysis Steps

Create **Transaction Data Lineage** from automated tools or manually from specifications to clarify the data mapping and translations in the current flow.

Review **Master Data Management** Processes across departments.

Understand what data is consumed in **Regulatory Calculations** and document lineage threads as data moves from one calculation to another.

Once data flow and transformations are defined as above, then discuss and define **ownership** and **controls**.

Review Document Management **Procedures** and Data Quality **mechanisms** before data is uploaded to the Central Project master database.

# OUR SOLUTIONS

## Assessing Data Governance elements

### Data Sourcing

We assessed data lineage evidenced within data feeds and documented the inputs and outputs across departments in conjunction with data management procedures.

We traced the source of data for each calculation and identified how the data flowed between applications within the target department.

Once data segments were built (hops), data then needed to be stitched across applications to show the flow.

### Stitching Lineage

To confirm whether lineage was correct required duplicating the master database with a prototype Access database. The aim of this exercise was to create a parallel data lineage with which to establish a baseline and to use for comparison testing.

To validate the integrity of the automated stitching process, this parallel A/B testing provided our users with a comparison point to the data lineage output from the Central Project master database. The client could then present the data lineage to Lead Users with confidence.

“We traced the route of data flow specifically within data feeds and more holistically with lineage data stitching of both upstream and downstream data assets across the organization”.

Brian Valentine  
CEO, Wasatch Partners  
Consulting

# Client Benefit

WPC evaluated, categorized and expanded the data glossary to ensure it reflected both physical and logical data models. We inserted missing data elements and corrected data flows across feeds.

Integral to this project was the management of consistent documentation across departments, geographies, and system boundaries, highlighting the importance of a common Data Glossary.

We completed the data model, traced the data lineage, and optimized the Data Glossary. With these tools, the client could ensure compliance with regulations and policies through their enhanced data controls and governance model.

Any potential ambiguities and conflicts can be highlighted and addressed via a tangible quality assurance process.

WPC's review of document management procedures resulted in enhanced version and documentation controls that allowed more coordinated responses to audit and reporting queries.

# TALK TO US

We are here to answer any questions regarding this case study or simply talk with you about potential solutions for your business.

- The WPC Team

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