

## Financial services

### Regulatory readiness through digital transformation

Hitachi Consulting helps their clients leverage their information management strategy to gain competitive advantage and maintain regulatory compliance. We have assisted several global financial services organizations on their path to digital transformation by building platforms which enable them to address regulatory challenges with greater agility. Our solutions and frameworks help organizations accelerate and de-risk major transformative initiatives by leveraging tested design patterns and architectural blueprints. Our data lake-based regulatory reporting framework provides a solid foundation that brings together data from multiple domains including risk, finance and markets. This framework allows a semantic separation to easily customize the content for specific uses such as regulatory reporting and/or improved management information.

#### Risk and regulatory reporting data lake

The Hitachi Risk and Regulatory Data Lake is a reference architecture pattern that is built on our years of experience within the traditional Risk and Finance reporting space coupled with our significant experience in the Big Data technologies.

The framework simplifies the process of ingesting data from trading, risk, finance and market data systems into the data lake (with full data lineage) and creating subject matter specific semantic access to facilitate regulatory reporting, traditional analytics or integration with downstream systems and processes.

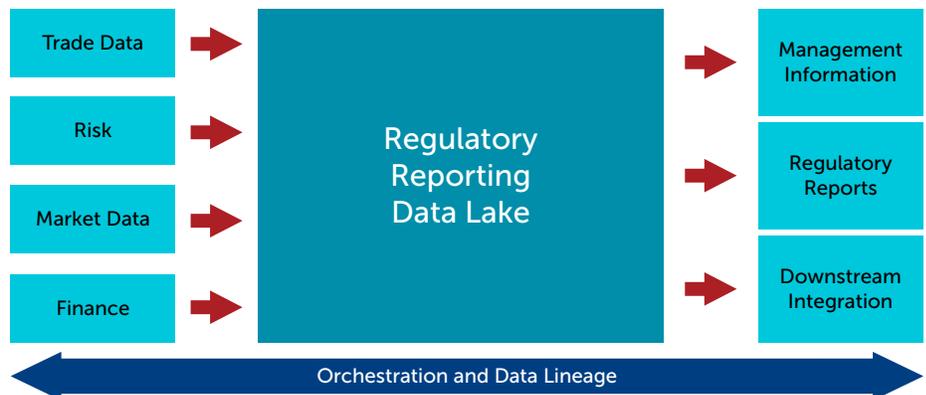
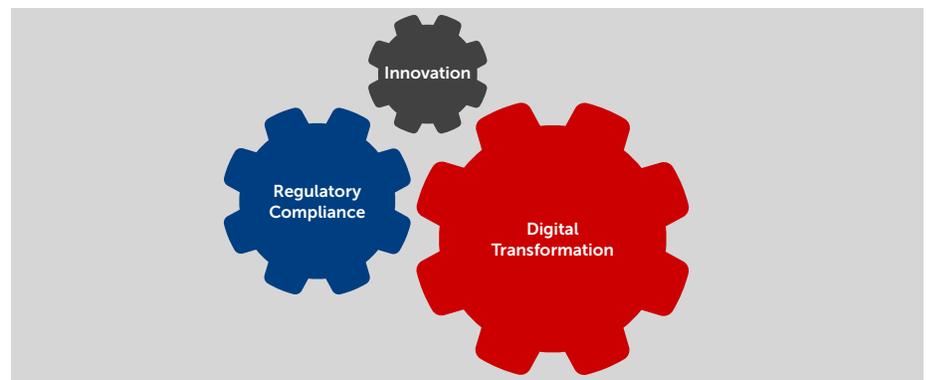
#### Key Benefits

- Prepares organizations for present and future regulatory demands
- Opens up significant new avenues by leveraging newer, detailed data at volume and speeds previously infeasible
- Reduces significant costs by use of open source Big Data technologies vs. traditional relational databases
- Horizontal scalability due to the distributed nature of the solution
- End to end data lineage, assisting your journey towards BCBS 239 compliance

- Agnostic deployment on-premise, in the Cloud or as a fully managed service

#### Real time risk analytics

Hitachi offers real time risk analytics within a proven analytic framework which has been rolled out to multiple large investment banks globally. Our integrated design facilitates the ingestion, aggregation, delivery and visualization of data risk at near real-time speeds. Hitachi also offers close integration with external trading platforms, market data systems and risk computational grids to deliver risk





mitigation data across desks, traders, counterparties, products or any other custom groupings required by the traders, risk analysts or compliance teams.

#### Key Benefits

- Ability to aggregate and analyze risk at a P&L level on an end of day, intraday and near real-time basis, across multiple businesses simultaneously
- Replacing laborious, time-consuming, and error-prone aggregation processes
- A more accurate, audited and timely visibility of risk, which facilitates better trading decisions as well as lower capital allocation decisions for regulatory purposes

#### About Hitachi Consulting

Hitachi Consulting is the global solutions and professional services organization within Hitachi Ltd., a global innovation leader in industrial and information technology solutions and an early pioneer of the Internet of Things. Hitachi Consulting is a business integrator for the IoT era and a catalyst for digital transformation. Using our deep domain knowledge, we strategically collaborate with our clients to help them innovate faster, maximize operational efficiency and realize measurable, sustainable business and societal value. As a consulting-led solutions company, we can help you leverage data as a strategic asset to drive competitive differentiation, customer loyalty and growth. To learn more, visit [www.hitachiconsulting.com](http://www.hitachiconsulting.com).

**“With a platform that just works, we can now focus on the regulatory content and business rules. It has also opened up new ways of linking customer and return data that was previously unthinkable, thereby opening up new ways to serve the customer better.**

**The annual saving of \$20M per annum is just an icing on the cake.”**

Head of Risk Data, Global British Bank