



HCL

NextGen Banking Analytics

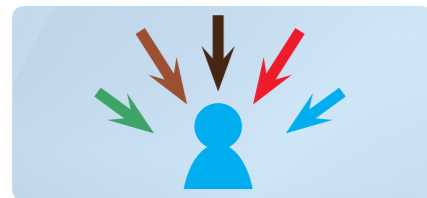
INTEGRATED FINANCE AND RISK REPORTING
USING SAP® BW ON HANA

THE PROBLEM

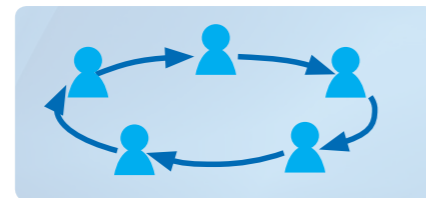
The banking sector incurs significant IT maintenance costs by unnecessarily replicating data through divisional or functional operational data stores and data marts. This is particularly the case for Finance and Risk whereby reporting data, processes and systems have been historically developed independently, resulting in the duplication of data and ultimately increased cost of ownership and reduced change agility. With increased regulatory focus on alignment of Finance and Risk data banks are faced with significant pressure to remove the data duplication that currently exists.

In doing so, there is broad recognition that banks must move toward updating their existing reporting systems which are no longer capable of addressing operational, regulatory and strategic reporting requirements. Banks are therefore investing heavily in Business Intelligence (BI) analytics and data management products to integrate Finance and Risk thereby improving insight and efficiencies, responding faster to market needs and improving regulatory compliance.

THREE KEY ISSUES



Managing data from multiple sources



Long manual processes can lead to human error



Leveraging constantly growing data

BANKING TRENDS - FACTS

63% of banks funding for risk and finance integration projects comes from change or special programs budgets, showing that budgets are being set aside for integration projects
(Source: Ernst and Young)

Managing data takes up **7-10%** of a bank's operating income.
(Source: American Banker)

The use of Big Data approaches and technology can save up to **10 hours** by creating purpose-built models that can predict wholesale analytics, risk analytics, customer information analytics and best loan prospects in moments.
(Source: McKinsey)

Banks that have not integrated finance and risk data face not **meeting regulatory requirements** including Basel 3 and IFRS, as well as high cost concerns when trying to implement new projects.
(Source: Chartis research, 2013)

HOW CAN HCL HELP?

Architecture and Roadmap:

HCL's leading team of experts can assist with the definition of a SAP Business Warehouse (BW) on HANA target architecture and roadmap for achieving integrated finance and risk reporting.

Consolidation and Delivery:

HCL can create and deliver a solution that take your landscape and consolidates your finance and risk data architecture - based on SAP BW on HANA - creating a more efficient organisation when accessing data.

Framework and Methodology:

HCL's framework provides a comprehensive methodology, toolset and preconfigured prototype solution to accelerate the project implementation timeline.

OUR PROPOSITION

Using HCL's unique BI transformation framework for Banking Analytics, we will explore 3 options to address your challenges by either:

- 1. Building a new Business Warehouse (BW) system on HANA**, underpinned by an integrated finance and risk data model. Migrating existing BW and bespoke analytic systems/feeds onto the new strategic platform.
- 2. Directly migrate existing BW and bespoke analytics systems/feeds** to SAP HANA without the creation of a new BW system.
- 3. Develop tactical solutions** (including enhancement of existing data models) to facilitate the near real-time feed of raw data into a BW on HANA platform.

Irrespective of your preferred option, HCL can help you tap into your data potential by analysing data in real-time to help streamline your business processes, reduce risk and leverage data to help you bring new products to market faster.

WHAT CAN BW ON HANA DO FOR YOUR BUSINESS?

Improved Speed and Performance
- Accelerated performance of how your business accesses integrated finance and risk information, ultimately having an impact on the month end close cycle.

Increases Business Insight
- Provide C-level executives and senior management the power to access key information rapidly to make real-time business decisions adding business value to the organisation.

Batch Reduced or Removed -
HANA in-memory frequently removes the need for system batch runs, and commonly reduces external batch load times by 75%.

Greater Depth of Data - The ability to remove the underlying relational database that is currently in place to increase performance tenfold.

Migration without re-implementation
- A fully migrated database with no reloads of data required or additional remodelling and no loss of existing BW functionality.

THE HCL DIFFERENCE

HCL can work with your company to find a tailor-made solution to manage big data across Finance and Risk. HCL has a wealth of experience transforming the BI/analytic systems and business processes within Banking organisations:

- 450+ Global customers** - HCL is a strategic IT partner to numerous global customers (including several leading Banking institutions), demonstrating value, certainty, flexibility and transparency.
- 20+ Ecosystem tools and systems** - Our robust and evolving solutions help deliver a faster speed to market through reducing deployment time.
- 300+ projects delivered** - Unmatched Global BI Analytics capability including expertise from across HCL's infrastructure and vertical domains.
- Solutions, Tool and Accelerators** - HCL make collaborative investments with customers to improve productivity and outcomes on our projects.

NEXT STEP

HCL invites you to undertake our free Next Generation Banking Analytics Assessment to help your analysis of the right approach for your company. We would be happy to demonstrate our **BW on HANA proof of concept**, showing the power of an integrated finance and risk architecture.

To find out more about how HCL can help you please contact us at hcleas@hcl.com

CASE STUDY

Enterprise Management Information (MI) for a Major UK Retail Bank

The Client

A well-established UK retail bank with many years of experience of offering a wide range of consumer banking products. The bank has a rich history of capturing large amounts of data that has been stored within their various out of date BW (as well as bespoke analytic platforms) systems across Finance, Risk, HR and Procurement departments.

The Challenge

Due to the size of the bank and the amount of data collected within their systems, the bank faced difficulty accessing historic and recent data stored within their BW systems. The bank had multiple reporting systems across all departments and faced the challenge of migrating all of them into one transparent and coherent system that analyses data in real-time.

How HCL Helped

HCL implemented the latest SAP financial consolidation, BI analytics and common reporting platform (based on SAP BFC, BW and Business Objects) for corporate functions across Finance, Risk, HR, and Procurement.

As the strategic IT partner for Finance and Risk Enterprise Architecture (EAD), Application Development and Maintenance (ADM) functions, HCL was responsible for the following:

- Definition of integrated architecture and IT roadmap of future Finance, Risk, HR and Procurement landscape
- Design and delivery of new SAP BFC consolidation, BW analytics and Business Objects reporting solution across Finance, Risk, HR and Procurement functions
- Definition of a BI centre of excellence – driving consistent data source definitions, reporting standards
- Design and delivery of COREP and FINREP regulatory reporting using the BFC/BW/Business Objects analytical platform.

The Benefits

The Analytics platform enables key benefits through:

- The Provision of Finance, Risk, HR and Procurement MI data available at the desktop to users
- The deployment of an MI and reporting capability that supports efficient and easy to use analytical tools
- MI supported through automated interfaces and integration of consistent data sets
- Provides a single source of consistent management, statutory and regulatory Financial data including key risk data – supporting COREP and FINREP reporting
- Embeds an integrated technology solution to support more focus on insight and less on report production
- Deploy a reporting infrastructure capability that can be leveraged across the Enterprise allowing areas to access their own data sets as well as extend access to other business areas, where appropriate.

ABOUT HCL

HCL is a leading technology organization with revenues of \$6.4bn and 92,000 employees operating from 31 countries around the world.

HCL's Enterprise Application Services (EAS) division helps clients transform, sustain and evolve their businesses through the effective deployment of enterprise technology. Focused on creating best run businesses, EAS primarily utilizes SAP, Oracle and Microsoft technology in achieving these goals.

HCL's EAS practice is a leader in disruptive enterprise technologies including cloud, mobility, social media, big data & analytics and engineered systems.

TRUE GLOBAL DELIVERY

HCL operates as a single global organization allowing us to deploy consulting teams which leverage proven industry and solution best practices from our offices and delivery centers around the world.

HCL AND SAP

HCL has been a certified partner in the SAP Ecosystem for over 15 years. The HCL and SAP relationship delivers value to our customers through industry focused excellence, innovation, and orchestrated innovation through diverse resources. Our global delivery team of 5,500 SAP experts are recognized as being the most experienced SAP consultants in the market and combine the best local SAP business transformation expertise with world class offshore SAP factory services. HCL is ranked in the top 4 SAP SI's by Forrester, Gartner & IDC. We are regularly ranked #1 for client satisfaction.