infopulse

Case for **Global Audit and Consultancy Company**

Global Audit Company Accelerates Decision-Making with 90x Faster Reporting_

Infopulse Bridges Customer's Core Business Systems with a Centralized Data Warehouse Based on SAP HANA

Industry: Professional Services   Location: **USA**   Employees: **100,000+**

Client Background

One of the leading audit and professional services firms that supports clients globally by providing a full range of consulting, risk management, legal, tax, and financial advisory services.

Business Challenge

Our customer, a global audit and consultancy company, maintained large amounts of business-critical data in multiple sources used by dissimilar business systems. The separate databases were scattered across the enterprise and limited access to data for business units located in different corners of the world. Under such conditions, static reporting was inhibited whereas running ad-hoc reporting was hardly possible.

Besides, most essential business operations were manual and could last almost forever – **generating analytical reports took up to 15 hours**. Multiply that by the size of the company – 100,000+ employees using the systems on a daily basis! This directly influenced the agility of the whole enterprise, making business processes unacceptably slow. The customer needed to revise its approach to data warehousing and processing completely.

Solution

As a certified SAP partner with in-depth expertise in all SAP products, Infopulse implemented **a single 3 TB Data Warehouse based on SAP HANA** seamlessly integrated with the existing BI, Data Science, and internal financial systems. We built an API for these external systems that can source aggregated data from a centralized DWH. On top of that, we also implemented Data Lake for Data Scientists based on Microsoft Azure and Databricks, which greatly simplifies data extraction and processing.

All data, gathered from multiple enterprise systems including SAP S/4HANA, SAP BPC, CRM, various planning and other business systems, is fine-tuned, cleansed and prepared according to a specific query, thus providing users with the customized results.A testing lab with all of the needed target hardware provided by the client was built on the side of Infopulse for functional and performance testing in order to ensure waterfall-like delivery of the top quality.

Technologies

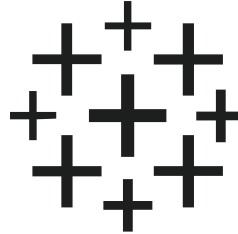**SAP HANA**

SAP BW

SAP Business Objects

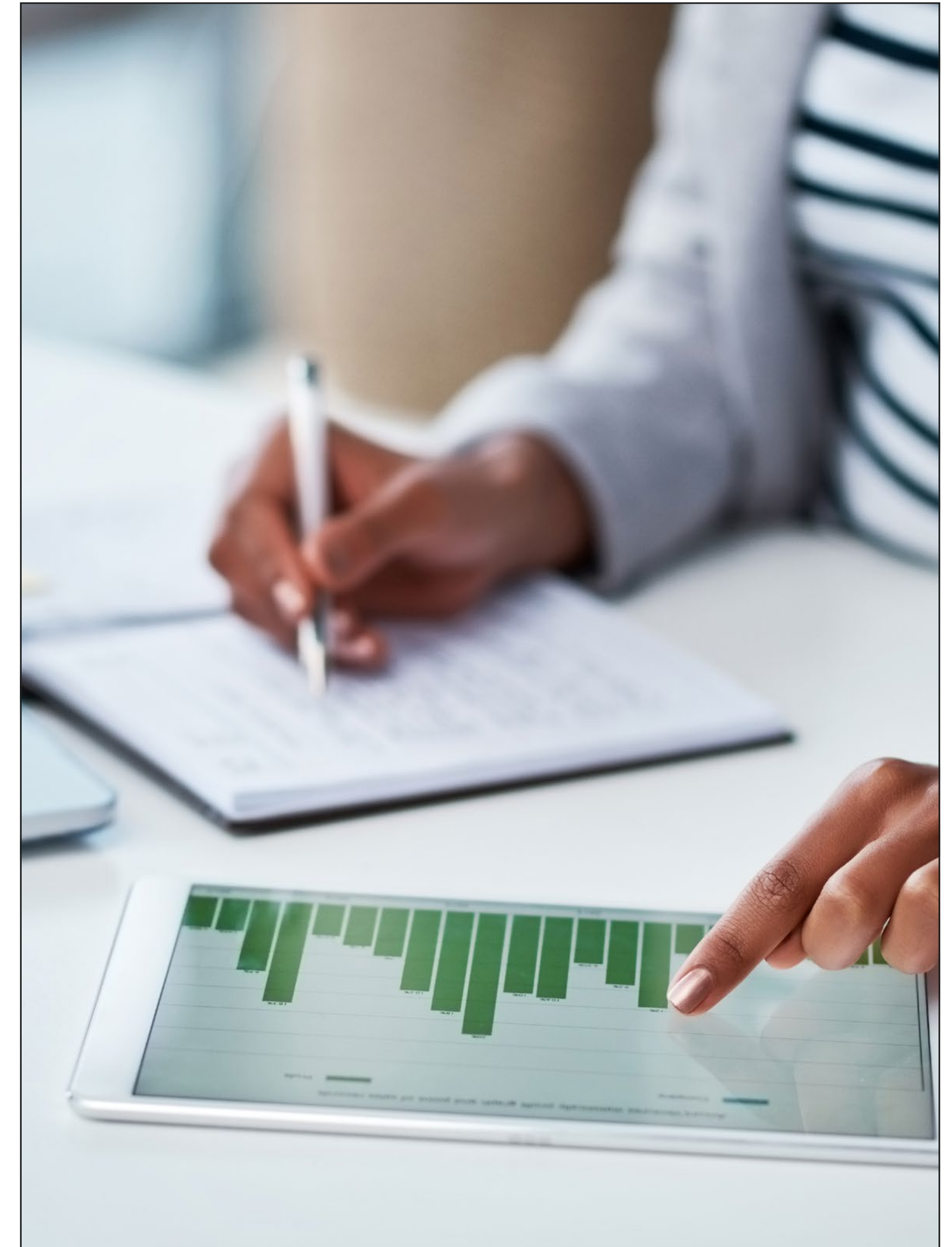**SAP BODS**

SAP BPC

Microsoft Azure

Databricks

QlikView

Tableau

Business Value

- The solution enabled **near real-time data availability** and simplified accessibility for over 100,000 employees on a daily basis.

- Owing to high-speed data processing in a centralized in-memory DWH, our team managed to implement **real-time ad-hoc reporting**.

- We optimized time for building static reports as well as decreased time for generating analytical reports **from 15 hours to 10 minutes**.

- We provided data marts and filters for simplified data viewing and quick requests processing which brings business end users actionable insights for **faster decision-making**.

- By implementing a **cloud version of DWH**, we removed the need for Data Scientists to dump data to laptops, therefore optimizing their workflow for the creation, deployment and running predictive models.

- Our client **reduced data management and maintenance costs**, automated a range of manual IT operations, ensured better data consistency and overall data quality.

3TB

DWN on SAP HANA

90x

Faster reporting (time to generate reports decreased from 15 hours to 10 minutes)

100,000+

Employees have simplified data accessibility

infopulse

About Infopulse

Infopulse, part of the leading Nordic digital services company Tietoevry, is an international vendor of services in the areas of Software R&D, Application Management, Cloud & IT Operations, and Cybersecurity to SMEs and Fortune 100 companies across the globe. Founded in 1991, the company has a team of over 2,300 professionals and is represented in 7 countries across Europe and the Americas.

Infopulse is trusted by many established brands, such as BICS, Bosch, British American Tobacco, Credit Agricole, Delta Wilmar, ING Bank, Microsoft, Offshore Norge, OLX Group, OTP Bank, SAP, UkrSibbank BNP Paribas Group, Vodafone, Zeppelin Group, and others.

For more information, please visit **www.infopulse.com**

Contact us

PL   +48 (221) 032-442

DE   +49 (69) 505-060-4719

US   +1 (888) 339-75-56

UK   +44 (8455) 280-080

UA   +38 (044) 585-25-00

BG   +359 (876) 92-30-90

BR   +55 (21) 99298-3389

✉   info@infopulse.com

infopulse