Data Assessment & Inventory Enabled Significant Reduction in IT Costs & Improved Access to Reliable Enterprise Data
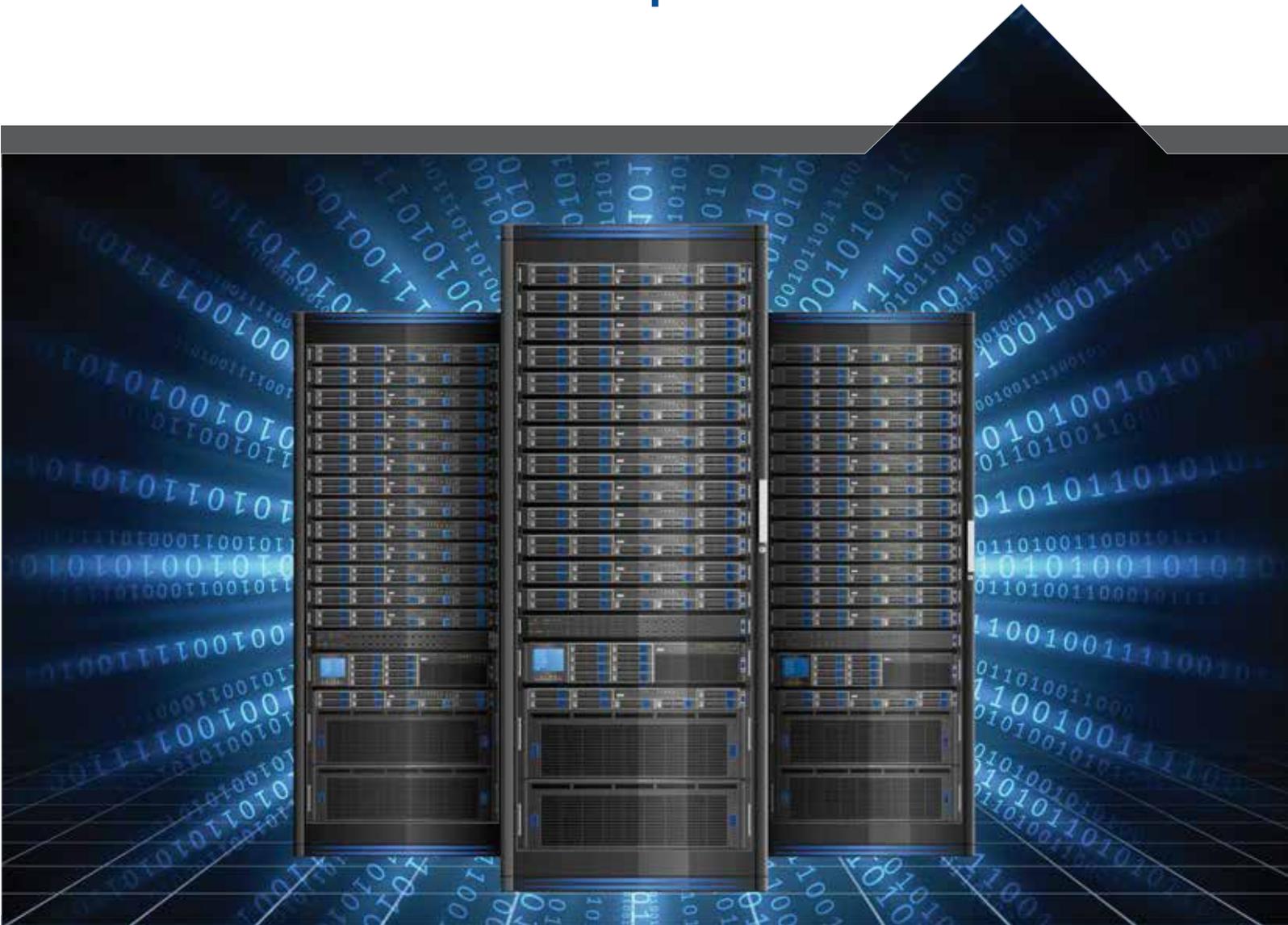
SITUATION

The customer was dealing with complex and inefficient information architecture leading silos of data. In many cases data was duplicated across systems. Existence of a variety of redundant database instances increased the complexity of data consumption. Inadequate understanding of available data assets, its lineage, quality and usage was increasing the complexity of the problem

IMPACT

The customer had to incur huge costs for maintaining data infrastructure and related services. Heaps of duplicated data cause lack of trust in data and had an impact on operational performance. The IT teams also faced a challenge supporting unwanted infrastructure and processes that led to poor satisfaction

RESOLUTION

ITC Infotech inventoried databases, data, interfaces, infrastructure and business users and processes supported. ITC Infotech's solution decommissioned redundant and unused data infrastructure. The solution also simplified Information Architecture which led to seamless consumption of data which helped quickening business insight generation

The Customer

The customer is a not-for-profit health system headquartered in California. The customer has eight physician foundations, 24 acute care hospitals, cancer centers, a regional home health, hospice organization and long-term care centers. The customer services major lines of care including cardiac care, women's and children's services, cancer care, orthopedics etc.

The Need

The customer wanted to understand data assets available in the EDM landscape. There was poor understanding of what data exists, who uses them and at what frequency. Therefore the customer wanted to free up unwanted data infrastructure for other projects/applications and reduce operating expenses. The customer's ultimate goal was to streamline and simplify their existing data by de-duplication and decommissioning redundant/unused data infrastructure.

The Solution

ITC Infotech inventoried a total of 47 databases in customer environment, identified underlying usage patterns and freed up unused data infrastructure by decommissioning databases. The solution also helped the customer to purge and archive the existing data and helped quicken the database retirement process.

Following results were also delivered in the engagement:

- Building documentation and an end to end knowledge repository for the data stack

- Uncovered value by repurposing the hardware for other applications

- Decommissioned unwanted Informatica interfaces

Applications used in the solution included:

- Sql Server

- Informatica

Business Benefits

- Improvement in business operations by making right data available to business by database optimization

- Cost optimization by decommissioning irrelevant databases

- Accelerated new project delivery by repurposing software and hardware

- Alignment of database portfolio with business by designing data governance framework

- Building documentation and an end to end knowledge repository for the data infrastructure along with data lineage

ITC Infotech's Data - Infrastructure to Insights Practice

ITC Infotech provides Analytics, Big Data and Information Management services through its "Data – Infrastructure to Insights" line of business. Driven by strong leadership in domain and technology consulting, ITC Infotech provides modern solutions to help organizations harness the value of data. With a strong focus on design and differentiated delivery, ITC Infotech provides cost effective solutions, innovative offerings and customer delight.

In the areas of Healthcare, ITC Infotech focuses on Analytics and Business Intelligence solutions that help organizations provide superior quality of care, enhanced patient engagement, accurate regulatory reporting, and financial and operational excellence.

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