

# Transformation to Modern Data Architecture

Vision of a data platform providing Data as a service



## Success Story

“*Designed and developed a new Capital Markets Data Model capable of addressing all asset types.*”  
– Iris Capital Market SME

### CLIENT PROFILE

A multinational investment bank offering personal and commercial banking, wealth management and investment services to over 12 million customers. The client wanted a scalable and extensible solution for Global Fixed Income to account for growth in data volume.

### BUSINESS CHALLENGE

The drivers for a transformation included growing data volume, delays in data distribution and tighter real-time requirements (SLAs). The solution used across Front Office (Reporting), Global Middle Office (Intraday positions) and Back Office (Trade processing & accounting) was designed for faster onboarding of new data sources and faster ingestion of new data. The solution was also designed to be cloud-ready.

### SOLUTION

- Consolidated systems to handle volume and scalability, using parallel and in-memory techniques
- Conducted database comparisons and Proof of Concepts — Selected representative data and use cases — Defined future-state use cases
- Replicated the environment on AWS for conducting the PoCs in the cloud
- All reports were rationalized with Iris Report Rationalization Framework

### BENEFITS

30%

Reduced license cost

Real-Time

Speeded all Trade Data to near-real-time

Next-Gen

Implemented modern data architecture

*“Iris enabled the selection of the right technology platform with a replicated environment on AWS.”*

– Iris Data & Analytics Practitioner

### TECHNOLOGY

- Pivotal Greenplum
- Pivotal GemFire
- Made-to-measure Smart Flow ETL framework
- Iris Report rationalization Framework

#### About Iris Software

Iris ([www.irissoftware.com](http://www.irissoftware.com)) is a professional software services organization providing its customers with high-quality, cost-effective solutions and developing mutually beneficial relationships. Iris does this through comprehensive solution offerings with best-of-breed technologies, rapidly deployable solutions, flexible engagement models and proven methodologies. This allows customers to focus on their core competencies, and concentrate IT resources on projects that directly impact their bottom-line.

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