

Lombard Odier Reduces Data Warehouse Development Times with Integrated Solution



Lombard Odier
Geneva, Switzerland
www.lombardodier.com

Industry:

Financial Services

Employees:

1,800

Oracle Products & Services:

Oracle Data Integrator

Implementor:

Oracle Consulting

Key Benefits:

- Reduced data warehouse development times
- Enabled automatic consolidation of approximately 60 different systems
- Provided the ability to run more than 300 loading processes smoothly with some processing more than 30 million records
- Simplified deployment of new processes for additional business entities—without requiring the company to edit a single line of code

“Thanks to the efficiency of Oracle Data Integrator, we can concentrate on our integration business rules and delegate the technical implementation to this tool. Oracle Data Integrator’s capability significantly reduces development times and improves our ability to optimize processes.”— Mark Ali, Project Leader, Technologies and Banking Infrastructure Unit, Lombard Odier

Lombard Odier is a financial services provider that offers private and institutional clients a wide range of advisory services in asset management, financial products, and specialized areas. The company consists of 13 distinct legal entities, and each division has its own dedicated back-office resources, such as client and product repositories and account and transaction management systems.

“We had approximately 60 systems that operated in environments that included RDB on Open VMS, SQLServer, Oracle, Sybase, and Object Store,” said Mark Ali, project leader, Technologies and Banking Infrastructure Unit at Lombard Odier. “Automatic consolidation of these systems is essential. In the past, we used to handle this consolidation with file extracts that were then loaded in a cube system. We needed to replace this system because it was no longer supported by its supplier.

Lombard Odier decided to deploy a data warehouse that assimilates all of the bank’s essential information. The company’s goal was to simplify and centralize the distribution of internal data from the data warehouse. This architecture would enable Lombard Odier to centrally integrate information to improve data quality and centrally manage data access rights to improve security.

After considering multiple data integration solutions and building a prototype with each of the potential provider’s tools, Lombard Odier selected Oracle Data Integrator.

“Oracle Data Integrator’s ability to work in multiple environments allows us to manage the complexity of having multiple information sources for each business entity. It also greatly simplifies the deployment of these processes for additional business entities—which can be performed without editing a single line of code.”

Mark Ali
Project Leader
Technologies and
Banking Infrastructure
Unit
Lombard Odier

Simplified Process Management with a Business Rules-driven Approach

Oracle Data Integrator provides Lombard Odier with a business rules-driven approach that enables the company to employ a functional-oriented definition of its data movement and transformation rules.

“Oracle Data Integrator brings us tremendous flexibility for developing and maintaining all loading flows because it allows us to separate the definition of business rules from the technical definition of the data flows,” Ali said. The solution provided separately defined flow models that Lombard Odier then applied to the business rules to generate its data flows. These models, defined as knowledge modules in Oracle Data Integrator, are entirely customizable.

Lombard Odier now runs more than 300 loading processes, with some processing more than 30 million records.

“Oracle Data Integrator also brings an important added value in the production environment,” Ali said. “Indeed, we now centralize all execution results and potential errors in a single operator console, also available as a Web interface. This global vision allows us to ensure the correct execution of all processes.

“Thanks to the efficiency of Oracle Data Integrator, we can concentrate on our integration business rules and delegate the technical implementation to Oracle Data Integrator,” Ali said. “This significantly reduces development times and improves our ability to optimize processes. Oracle Data Integrator is the cornerstone that underpins our data warehouse architecture.”

Why Oracle?

A significant factor behind Lombard Odier’s selection of Oracle Data Integrator was that the solution can natively connect to a wide range of IT systems and leverage these connections to execute integration processes, according to Ali.

“In addition to data movements, we require the application of a number of additional calculations and integration rules,” Ali said. “Oracle Data Integrator generates native code for each of the databases in the information system, executing these transformations as close to the data as possible and fully leveraging available resources.

Oracle Data Integrator's flexibility was also an important advantage, according to Ali. "Oracle Data Integrator's ability to work in multiple environments allows us to manage the complexity of having multiple information sources for each business entity. It also greatly simplifies the deployment of these processes for additional business entities—which can be performed without editing a single line of code," Ali said.

Lombard Odier operates a network of 22 offices in 17 countries around the globe. The company provides private and institutional clients a wide range of advisory services across the areas of asset management, financial products, and other specializations.