



Sterling Commerce Case Study

Application Agility Using Business **Integration Suite**

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Company Background

- Orica is one of the largest publicly-owned companies in Australia with a proud tradition of leadership, innovation, quality and safety.
- Ranked in top 30 Australian companies based on market capitalization.
- We employ 13,000 people in around 50 different countries, turning science into solutions that satisfy basic human needs.
- Our products, brands and services can be trusted for their reliability, range and quality.
- Inception in 1874 as a small explosives company supplying explosives to the gold fields.
- Orica became an independent corporation in 1998 when ICI Plc divested its major shareholding.



Orica – Business Platforms



Mining Services

Global leader in commercial blasting solutions offering commercial explosives, initiating systems and blast-based solutions to the mining, quarrying and construction industries.



Minova

Global leader in providing specialist chemical products for underground mining and civil engineering activities.



Chemical Services



Orica Chemical Services is a major supplier of chemicals, services and technology to the water treatment, mining chemical and industrial chemical markets.

Businesses united by chemical sciences

Operating Countries



Key

-  Countries of operation
-  Research and Development Centres

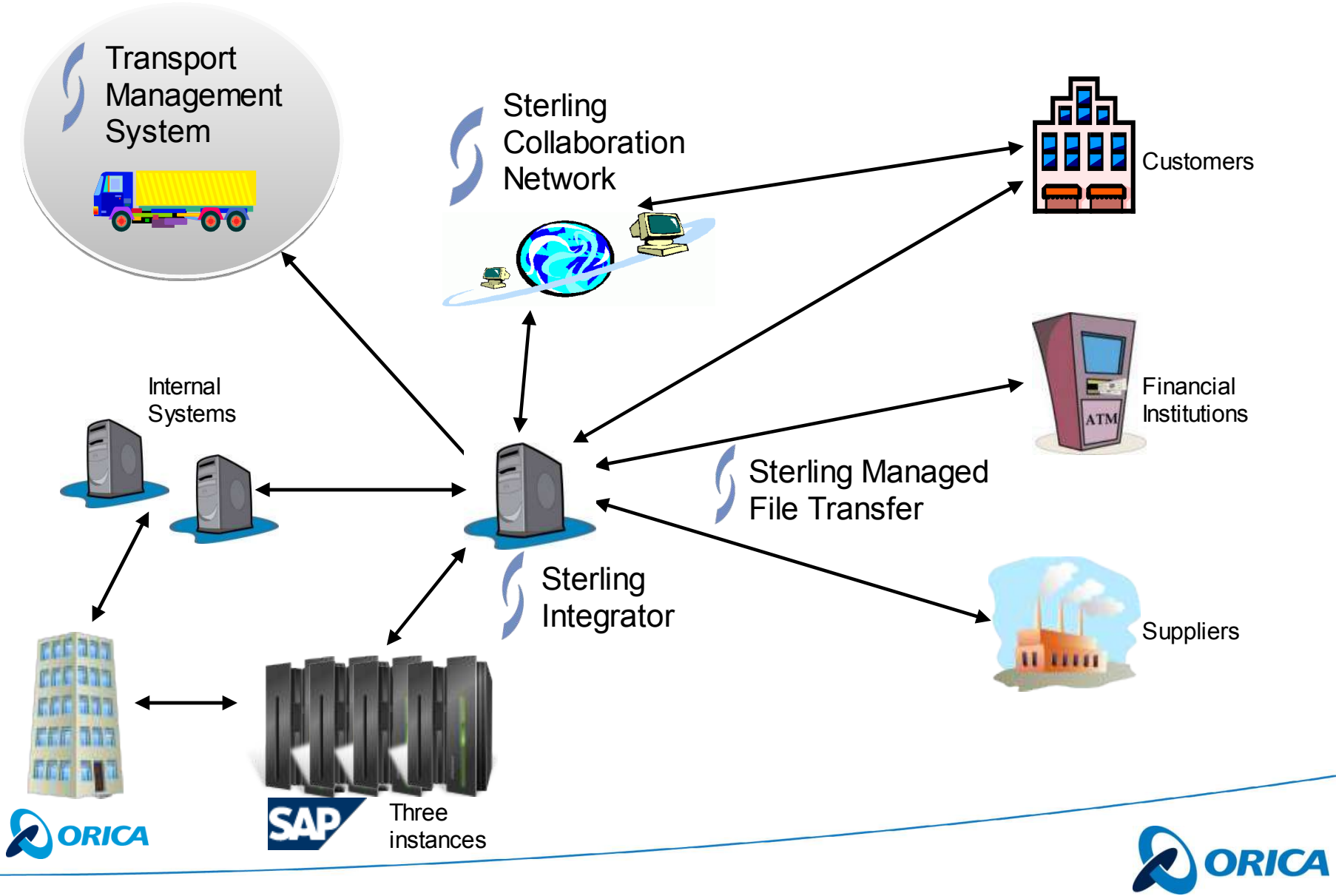
Orica's Vision

- Orica strives to be the best performing science-based solutions company in the world.
- We are becoming a customer driven organisation, working to understand and meet our customers' needs.
- Orica is committed to the continuing advancement of technology. This advancement comes through work done in our own research centres and in collaboration with key science focused organisations globally.

Challenges Faced

- Electronic Trading conditions were becoming more complex
- Lack of standardisation in the industry
- Legacy command-line systems with archaic connectivity was no longer workable
- Secure connectivity required for financial transactions
- Multiple skill sets were required to support systems
- Business agility to engaging markets with a more efficient supply-chain process.

Solution



Orica's SAP Landscape



2 Physical
IBM p590 servers

3 three-tiered
environment
Orica Chemicals
Orica Mining Services
SAP/BI



FI - Financials including GL, AP & AR
CO - Cost Centres Accounting,
Profitability Analysis
MM - Materials Management,
Inventory Management
SD - Sales & Distribution, Billings
PP - Production Planning
PM - Plant Maintenance
PS - Project Systems



Sterling Collaboration
Network (SCN)
Sterling Integrator (SI)
Connect:Direct under SI



Orica currently trades in the following documents:

- Material Master Changes → Advanced Shipping Notices (ASN's)
- Purchase Orders → Shipping Confirmations
- Purchase Order Acknowledgements → Invoices
- Purchase Order Responses → Financial Transactions
- Purchase Order changes → Sales Activity Data

Trading Partners



The Chemical Company



Leigh Mardon



OWENS

Dulux Group in-transition



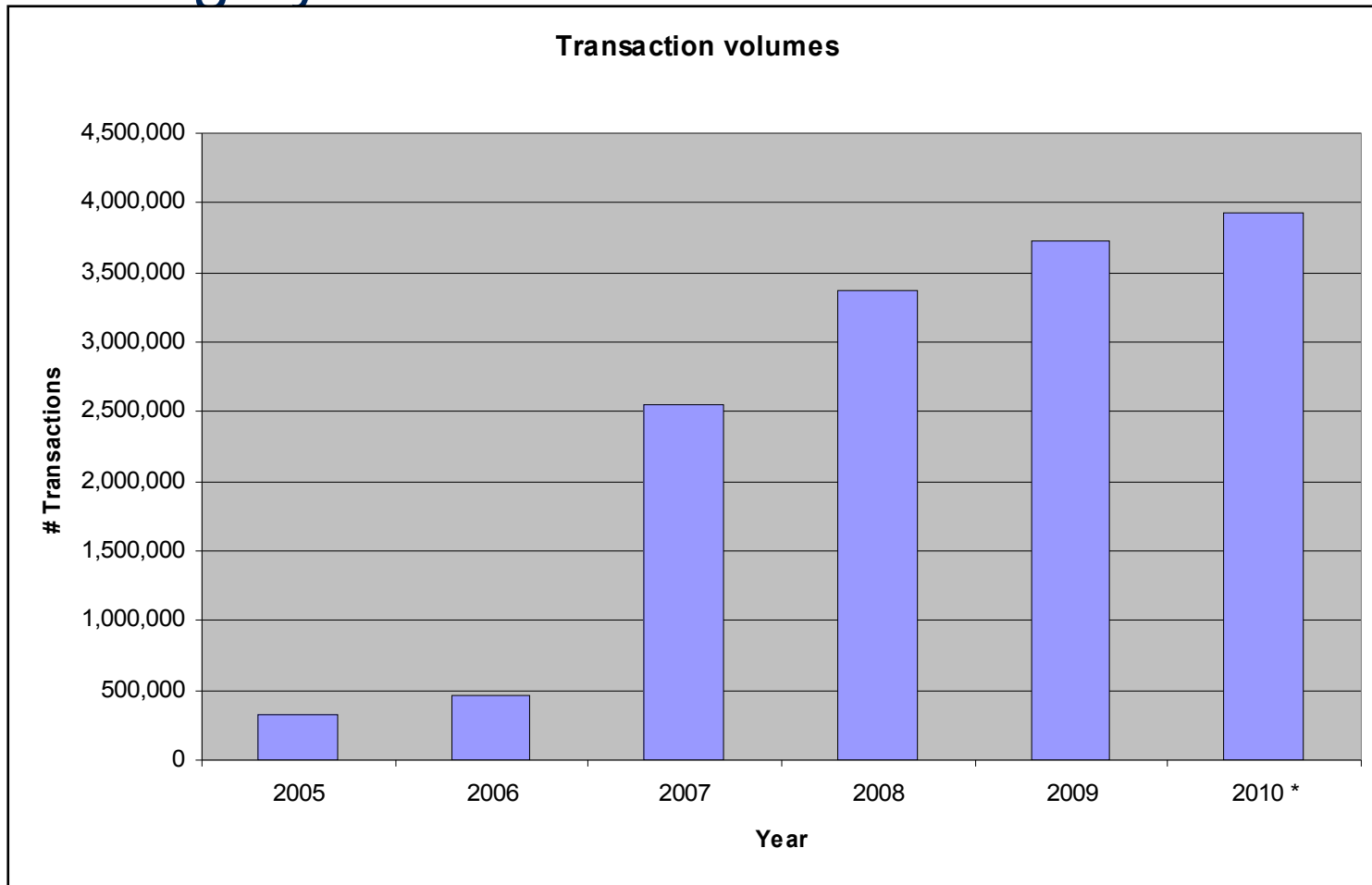
BIGW



Internal integration for SAP :

- Colby scanner to SAP
- Filling line interface
- AMEX reconciliation (via CONCUR) to SAP
- Powders Automation
- Shipment Confirmations
- Production Monitoring
- Card payment interface
- Raw materials control

System agility



*“Orica's ability to **respond to customers has gone from weeks to hours.** Our department of 2.5 has gone from handling 200 documents a day to 15,000.”*

Benefits

Sterling Integrator (SI) and SCN benefits:

- Any to any file integration
- EDI standards included
- SAP integration included
- Inbuilt Business Process Modeller Language (BPML)
- Many different transport options available
- Easy to manage GUI user interface
- End to end visibility of processes
- Over 250 integration adapters available
- Service reliability and disaster recovery (SCN, clustering)
- Global connectivity and interconnects to other Value Added Networks (VAN's)
- Document tracking and traceability

Ensuring Secure Data Movement

Sterling's Managed File Transfer (MFT)

- Secure transfer with authorization and encryption
- Ability to visibly manage all transfers
- Transfers can be initiated by your trading partners

Development and Service Principles

- Minimise coding through standards.
- Reuse maps
- Reuse Business Processes
- User Self-Service

Summary

Sterling's Business Integration Suite has allowed Orica to:

- Consolidate all middleware requirements into one tool
- Reduced the complexity of Orica's operating environment
- Removed the dependency on people with unique skill sets
- Gives us the Business Agility to engage quickly with Trading partners shortening our ability to response to market.

Thank You