



## Customer Snapshot: Caltex COSMOS Project

### Challenge

- 148 different interfaces to 51 resellers
- Expensive integration
- Monolithic back-office system

### Solution

- Data driven messaging capability
- Standardised integration tools
- Content-based routing

### Benefits

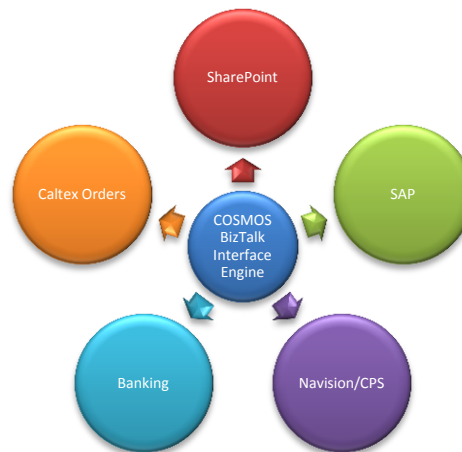
- High availability, low maintenance
- Savings through virtualisation
- Aggregated monitoring
- Low cost of new interfaces
- Robust test environment

### Applications

- Microsoft Navision
- Microsoft Windows Server 2008
- Microsoft SQL Server 2008
- Microsoft BizTalk Server 2009 Enterprise Edition + Adapter Pack V2.0
- Microsoft WCF Adapters

*“Pricing took three hours each day, now it takes seconds”*

*Robin Brown, IT Project Manager, Caltex*



**Caltex**, Australia’s leading transport fuel supplier, delivers products to a nationwide supply chain. **Caltex** and its franchisees operate 2 refineries, 12 oil terminals, 88 depots and 1,200 retail outlets across Australia. This includes a reseller channel that comprises 46 independent resellers, 1 joint venture and 4 wholly-owned hubs, all serviced under a separate legal entity, Caltex Petroleum Services (CPS).

The challenge in the **COSMOS** project was to analyse and refine 148 disparate CPS interfaces and to architect a solution that would deliver an economical growth path, lower maintenance costs and higher availability.

**COSMOS** needed interfaces between the resellers and the back-office **Caltex** ERP system that could satisfy their business need, but didn’t impinge upon core Caltex business IT functions.

The **COSMOS** project became the catalyst for the development of new interfaces to the ERP; Microsoft BizTalk Server was chosen for its ability to glue the disparate **Caltex** front-office interfaces to the existing SAP connectivity tools.

## **Breeze Provided**

- Education and Training
- Gap Analysis and Architecture
- Business Rules
- Development of Business Activity Monitor and Sharepoint interface
- Design of Developer, UAT and Production environment

Working with **Breeze**, 19 new interfaces were designed and built in just 480 man days.

**Breeze** provided tailored product training and further technical expertise, to help the **COSMOS** team to architect an asynchronous messaging engine that would facilitate ease of management, future modification and inexpensive scalability. **Breeze** also assisted Caltex with the establishment of their Developer, UAT and Production environments, and with the implementation of SAP and Dynamics NAV connectivity.

Specific components were built by **Breeze**, including the Aggregated Business Activity Monitor, a custom Sharepoint interface and the Business and Application Rules specifications.

The **COSMOS** team will continue to see benefits in the long term, because developers can easily replicate and modify existing interfaces, to construct new ones. In addition, the aggregated Business Activity Monitoring provides an insight into the performance of the whole solution, allowing the business to anticipate future capacity requirements across *all* interfaces.

*“COSMOS was phased in nationally over a 12 month period...Caltex is now using the tool for additional systems other than the reseller solution.”*

*Robin Brown, IT Project Manager, Caltex*

## **About Breeze**

**Breeze** is an award-winning consulting firm with recognised expertise in the deployment of Line-of-business Integration solutions with Microsoft products. **Breeze** help their customers to navigate the landscape of new technologies, and assist them in demystifying the complexities of risky projects.

Our reputation is founded on our technical expertise and vision, and our customers stay with us because we strive to understand their business, and add value to it.

**Breeze** provide tailored Microsoft product training, expert services, and geeks with social skills – we can build your solution for you or with you, either way it will happen on time and within budget.

*“There’s more than one road that leads to Rome when dealing with integration.”*

*Mick Badran, CTO, Breeze*