



## Diversified Retail: DataPower Gateway

### **The Project:**

Designed and implemented three use cases with DataPower XI50 acting as a gateway for all service requests going in and out of Company's infrastructure. Use cases were principally based on Web Service transformations, dynamic routing, auditing and logging, handling of digital certificates, encryption and decryption of requests and responses.

### **Client:**

Large Diversified Retailer

### **Solution Details:**

- Implemented XML Firewall to protect from external XML threats
- Transformed and routed "plain" non-SOAP requests to SOAP requests and SOAP to SOAP
- Handled digital certificates
- Implemented encryption and decryption
- Implemented sign and verify
- Implemented external logging to SOAP Server
- Implemented friendly error messages for back end and gateway failures (e.g. errors 500, 404, 403, etc)

### **Technologies:**

WebSphere Application Server 6.x, DataPower XI50, SoapUI for Client, XML Spy for XSL Development

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