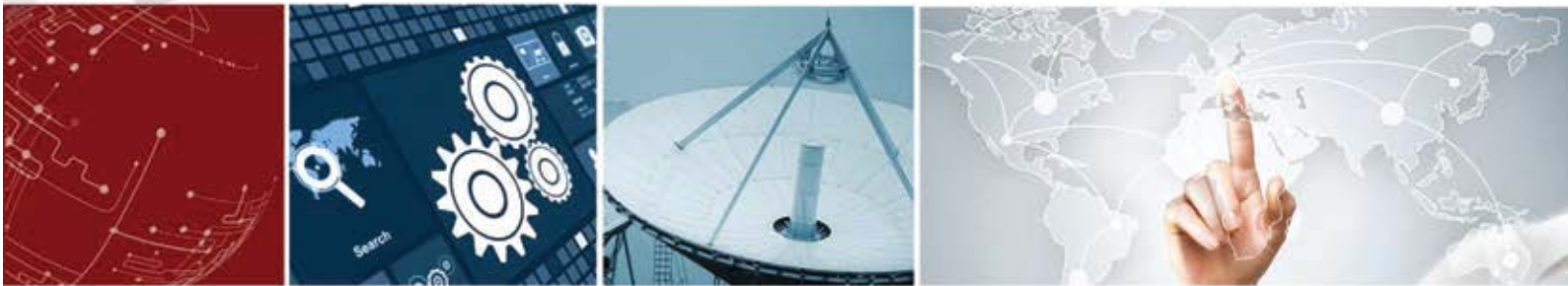


# SOA Services Migration For Cable Telecom Service Service Provider



## *Client Profile*

Client is one of the top service providers of cable television, broadband, and telephone services in the US.



**Industry**  
Telecommunication

## *Case Overview*

### Business Problem –

Numerous tightly coupled middleware solutions, lack of system performance and service interdependencies made the client's entire system more vulnerable to errors and performance losses.

### Solution –

To migrate existing middleware services into single platform Oracle SOA Suite/OSB solution.

### Benefits –

- Integrated middleware and SOA platform.
- Improved SOA Governance.
- Visibility into all SOA assets and their relationships.

## *Business Problem*

To have efficiency, agility and productive enterprise, it is of vital importance to have loosely coupled IT infrastructure in place. Client had numerous, tightly coupled middleware solutions as a part of their business IT operations. Their code and functionalities were replicated in all the solutions, hence, this structure was hampering the overall client system performance. Additionally, high service interdependencies made the client's entire system more vulnerable to errors and performance loss.

Existence of many point-to-point interaction in the system leads to an increase in tight coupling and cascading changes. Adding to this, services were not auto-discovered due to the absence of well-defined repository/registry. Below are some of the problems that the client was facing and wanted a resolution for:

- Frequent cases of security breaches and SLA violations.
- Inadequate communication between business and IT owing to non-existence of business oriented specifications led to an increase in Business IT gap.
- Reoccurring overall performance issues, logging and way of troubleshooting of web services.



## *Xavient's Solution*

Xavient carried out a thorough analysis of the 'As-Is' state of the existing coupled IT infrastructure with constant interactions with the client team. After gaining deep insights of the existing scenario, Xavient proposed to migrate the existing services into a single service with the loose coupling of the 'To-Be' stage using SOA.

Xavient helped the client by clubbing unrelated middleware applications into a single platform and language independent Oracle SOA Suite /OSB solution. Xavient leveraged high-performance OSB in services having low level of business orchestrations. This was done in order to improve the performance of high-availability video services by at least 10%.

Xavient's team of expert professionals enforced security by implementing explicit security policies and worked towards securing the components using both message level and transport level security mechanisms.

## *Solution Benefits*

- The integration and collaboration of all middleware services into a single service helped client achieve better and smooth IT operations.
- Increased business agility and productivity, which also led to faster achievement of business goals and objectives.
- Improved mediation and service aggregation.
- Implemented explicit security procedures and methodologies thereby ensuring total security.
- Adequate communication between business and IT, owing to the existence of business oriented specifications.
- The solution was cost effective.
- The migration activities rendered a system with high availability and scalability.
- There was now higher visibility into all the SOA assets and their relationships.



## *About Xavient Digital, powered by TELUS International*

- Headquartered in Simi Valley, CA, Xavient Digital, powered by TELUS International (Formerly Xavient Information Systems), is a leading provider of global IT and engineering services and solutions. Since its inception in 2002, Xavient has grown to be a tier-one IT Professional Services and Solutions provider for telecommunication, broadcasting, manufacturing, retail, and healthcare companies.
- It is the preferred transformation partner across product and vendor evaluation; business process re-engineering; outsourcing and off-shoring; product implementation; custom solution development and IT professional services for several Fortune 1000 companies.
- Xavient leverages its proven expertise in Global Delivery Models with centers of excellence in Application Development, QA & Testing, Managed IT Infrastructure services and IT Application & Production environment.

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