

Services Framework for a leading software Product Development Company

The Client

The client is a leading software product development company. Its products include operating systems, software development kits, and e-commerce applications.

The Challenge

For telecommunications operators and service providers, there is no framework, which allows them to aggregate, provision, and manage converged communications services for their subscribers across multiple networks and a range of device types.

Similarly for media and entertainment organizations, there is no framework, which provides a service-oriented infrastructure to manage how disparate applications work together to create, manipulate, share, and distribute digital content.

The Objectives

- To create a framework for telecommunication operators and service providers which allows them to manage converged communication.
- To create a framework for media and entertainment industry to manage disparate applications to work together, share and distribute digital content.

The Solution

The solution our team provided to help the software product development company to resolve the above-mentioned challenges is:

- Microsoft Connected Services Framework is an integrated, server-based software product and Service Oriented Architecture (SOA) that wireless operators can use to power the creation and management of services across networks and devices.
- With Connected Services Framework in place, wireless operators can implement an interoperable, manageable, and scalable infrastructure of services that integrate with existing technology.
- Now Operators can provide compelling services such as instant messaging, e-mail, or mapping capabilities to customers instantly, or build innovative new services in just a matter of hours or days by customizing existing Web services into *composite* service offerings.
- Operators can bundle together unique combinations of existing services to create personalized service packages that target specific customer segments, and then manage this composite service as a single service.

Tools and Technologies used

- MSF, SOA, DSL
- WSDL, SOAP, UDDI, WSE 2.0/3.0, Indigo
- WS Basic Profile Compliance was a key driver
- C#, Enterprise libraries