



WebSphere® software

IBM Telecom Operations Pack for WebSphere Business Services Fabric, Version 6.0.2

Highlights

- ***Accelerates development of SOA deliverables with reference business services templates***
- ***Employs telecom standards to simplify interoperability across multiple channels and networks***
- ***Supports custom configurations to match your unique business processes***

Within the telecommunications industry, service providers are challenged by the need to leverage and integrate with a number of converging ecosystems. In today's competitive landscape, telecommunications service providers experience intense pressure to launch new and innovative products while minimizing change cycles and retaining the flexibility to customize products and execute service delivery. The IT infrastructure to support this can consist of complex processes, systems, applications and interfaces, making maintenance one of the largest IT expenses.

Service-oriented architecture (SOA) provides a more flexible technological architecture to map your business functions to your software components. IBM WebSphere® Business Services Fabric software provides an SOA platform to model, assemble, deploy, manage and govern business services—the building blocks of service-oriented business solutions. SOA solutions for telecommunications service providers can be accelerated with the IBM Telecom Operations

Pack offering, which contains prebuilt industry SOA content and integrates seamlessly with the WebSphere Business Services Fabric platform.

Providing standards-based telecom SOA assets

The Telecom Operations Pack offering supports your billing, fulfillment and assurance operations using standards such as New Generation Operations Systems and Software (NGOSS). Included in the Telecom Operations Pack bundle are the following assets, all of which are designed specifically for the telecom industry:

- *Reference business services templates—telecom-specific business services definitions based on Telecom Applications Map (TAM) and NGOSS enhanced Telecom Operations Map (eTOM), as well as associated Web services and metadata*
- *Business glossary—a common vocabulary of telecom terms, with associated relationships and properties based on NGOSS Shared Information Data (SID) standards*
- *Business object model—NGOSS*



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SID model-based business object model that represents a conceptual view of a telecom enterprise

- *Service interfaces—schemas and Web service interfaces to support Operational Support System (OSS)/ Billing Support System (BSS) processes based on NGOSS SID, OSS through Java™ Initiative (OSS/J) and Multi-Technology Operations System Interface (MTOSI) models*
- *Common services—service implementations based on NGOSS SID, OSS/J and MTOSI models that enable transactions such as validation and error identification*
- *Knowledge assets—documentation and sample implementation to help you consume and extend the assets packaged in the Telecom Operations Pack offering*

Increasing flexibility and simplifying interoperability

The Telecom Operations Pack bundle consists of assets that can help you design more flexible and maintainable OSS/BSS processes. Specifically, the solution can help you:

- *Minimize the efforts required to identify, design and develop your own business services across telecom OSS/BSS business processes.*
- *Extend and transform siloed applications and accelerate the deployment of new products and services.*

- *Decrease modernization and maintenance costs through the reuse and consistency of IT assets based on telecom and Web services standards.*
- *Simplify interoperability between disparate telecom applications using telecom standards and customer-specific models.*
- *Expose existing SOA assets to predefined reference business services templates.*

Offering an open and customizable solution

The Telecom Operations Pack offering is extensible and open for configuration and customization based on your organization's key business processes. With the ability to jump-start its SOA efforts, your company can optimize its business processes and maximize its efforts to provide unique value to your customers and partners.

For more information

To learn more about IBM WebSphere Business Services Fabric software and its system requirements, visit:

ibm.com/software/integration/wbsf