

IBM Healthcare Payor Pack for WebSphere Business Services Fabric, Version 6.0.2

Jumpstart deployment of SOA Solutions for Health Plans

HIGHLIGHTS

- ***Accelerate creating your SOA deliverables with Healthcare Payor industry-specific reference business services templates***
- ***Employs Healthcare standards like HL7 and ASC X12 EDI for HIPAA to facilitate interoperability across multiple channels and provider networks***
- ***Enables optimization of payor-specific business processes and functions***

Description

Health Plans today face a difficult struggle against increasing competition, rising medical costs, and greater demand from consumer and healthcare providers for improved products and services. However, legacy IT systems lack the flexibility to support effective collaboration across an increasing range of diverse participants. A key challenge faced by Health Plans today is aligning business intent with IT execution. More than ever, the business is reeling under pressures of launching new and innovative products, shorter change cycles and customized product and service delivery. However, IT continues to face severe constraints in terms of complex processes, systems, applications and interfaces that have led to the bulk of the investments being spent on maintenance and not innovation. Many organizations in the healthcare industry face several maintenance and support challenges. These functions are typically automated through a myriad of many-to-many connections throughout the organization's backend systems. The proliferation of support requirements and existing embedded systems produces rigid processes and thus, incremental changes are difficult.

It is in this context that Service Oriented Architecture (SOA) provides the technological architecture to map business function to software components. SOA has evolved as a key enabler for health plans to deliver flexibility and responsiveness across multiple constituents, channels and service levels. The IBM WebSphere® Business Services Fabric provides an end-to-end SOA platform to model, assemble, deploy, manage and govern business services – the building blocks of service-oriented business solutions. WebSphere Business Services Fabric based service-oriented business solutions for healthcare organizations can be accelerated with the IBM Healthcare Payor Pack that contains prebuilt industry SOA content and integrates seamlessly with the IBM WebSphere Business Services Fabric. The addition of the IBM Healthcare Payor Pack provides an enhanced and more industry-specific SOA platform that retains configurability, flexibility and extensibility for your business needs.

Healthcare Payor Pack

IBM Healthcare Payor Pack accelerates the deployment of SOA solutions for Health Plans. The prebuilt assets within the Healthcare Payor Pack are optimized to leading Healthcare standards like HL7 (Health Level Seven) and ASC (Accredited Standards Committee) X12 EDI Standards for HIPAA (Health Insurance Portability and Accountability Act). These assets can be extended to create the foundation of SOA payor business services to meet your organization's unique business needs. Included in the IBM Healthcare Payor Pack are the following assets:

- **Healthcare Payor Reference Business Services Templates** - Healthcare Payor specific business services definitions, associated web services and metadata (roles, channels, assertions and policy templates)
- **Healthcare Payor Business Glossary** – A Healthcare Payor common vocabulary that represents a taxonomy of health plan terms, with associated relationships and properties based on HL7 (Health Level Seven) Reference Information Model (RIM) and ASC X12 EDI for HIPAA
- **Healthcare Payor Business Object Model** – HL7 RIM (Reference Information Model) version 3 based business object model that represents conceptual view of health insurance enterprises through business objects
- **Healthcare Payor Common Services** – Healthcare Payor specific service implementations that enable transactions such as validation, error identification, bulking, debulking, transformation, etc.; based on HL7 messaging standards and ASC X12 EDI standards for HIPAA
- **Knowledge assets** that include documentation and sample implementation scenarios to help assist in the consumption and extension of the assets packaged in IBM Healthcare Payor Pack

A sample list of the assets included in Healthcare Payor Pack.

<ul style="list-style-type: none"> ■ Healthcare Payor Reference Business Services Templates <ul style="list-style-type: none"> – Benefits and Eligibility Submission – Billing Inquiry – Cancel Plan – Claim Reject Analysis – Claims Attachments – Claims Correction – Claims Filing Transaction History – Consolidated Billing – Install Case – Manage Enrollment – Modify Plan – Pay Premium – Plan Status – Submit Claims – Track Quote 	<ul style="list-style-type: none"> ■ Healthcare Payor Common Services <ul style="list-style-type: none"> – Claim Transformation Service – HL7 Validation Service – Image Transformation Service – EDI 275 Generator Service – EDI Bundling Service – EDI ERROR Extractor 837i Service – EDI Unbundling 271 Service – EDI Unbundling Basic Service – EDI Validation Service – HIPAA - NSF Transformation Service 	<ul style="list-style-type: none"> ■ Healthcare Payor Business Glossary <ul style="list-style-type: none"> – EDI ASC X12 Messaging Model (Version 4010A1 and 4050A2) – HL7 RIM (Version 3) ■ Healthcare Payor Business Object Model <ul style="list-style-type: none"> – HL7 Reference Information Model (Version 3)
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Leveraging the IBM Healthcare Payor pack with real SOA assets

The IBM Healthcare Payor Pack consists of assets that, when utilized, provide benefits to health insurance organizations that find challenges with flexibility and maintainability in the area of payor processes.

- Minimization of the efforts required to identify, design and develop your own services across healthcare payor business processes
- Access to pre-built SOA assets that can extend and transform historically “siloeed” product-based development as well as to accelerate the deployment of new/bundled payor products and services
- Decreases in modernization and maintenance costs of payor business services through reuse, standardization, and consistency of IT assets by using healthcare and web services standards
- Immediate usage of prepackaged payor-specific vocabularies that can be used to simplify interoperability across disparate healthcare applications based on healthcare standards, customer-specific models, and ISV models.
- Reductions in an organization’s maintenance because the Healthcare Payor Pack maintenance provides ongoing support of latest healthcare and Web service standards
- Enablement of an organization’s architecture and development teams to focus on design and deployment of higher value business services
- Improved speed in time-to-market and time-to-value through prebuilt, and frequently reused payor specific common services
- Ability for organizations and their partners to expose their existing SOA assets to predefined reference business services templates

Jumpstarting your SOA with IBM Healthcare Payor Pack

The IBM Healthcare Payor Pack for WBS Fabric can accelerate your time-to-market for designing and deploying payor-specific solutions for Health Plans. The IBM Healthcare Payor Pack is extensible and open for configuration and customization to how your organization implements key payor processes. With the ability to jumpstart your SOA efforts with the IBM Healthcare Payor Pack, your company can optimize your business processes and maximize your efforts on providing unique value to your customers and partners.

For more information

To learn more about the IBM WebSphere Business Services Fabric and its system requirements, visit: ibm.com/software/integration/wbsf/