

Assure the quality and compliance of transaction data

Today's healthcare organizations exchange critical information in ever-increasing amounts with a growing number of trading partners. The effective exchange of information – whether administrative or clinical – is foundational to core business processes as well as to new value-based payment models. However, “garbage in, garbage out” exemplifies the perils represented by any partners' bad transaction data. Allowing bad transaction data into core processes and systems increases errors and rework. It also degrades operational efficiency, increases support costs, and impedes compliance with mandates and trading partner agreements.

Edifecs XEngine Server is a comprehensive transaction-processing solution that assures compliance by validating clinical and administrative transactions for syntax, semantics and custom business rules. This safeguards the operational integrity of information exchange with trading partners. Moreover, by catching errors at the edge of the enterprise, before they enter core systems, XEngine Server separates good data from bad, allowing good data to continue processing without delay. Good data can be further split into smaller logical units for efficient processing and then routed to multiple downstream systems based on the contents of the transaction. XEngine Server also translates data between industry-standard and downstream system formats to reduce integration costs and further speed processing.

Edifecs XEngine Server is the next step in the evolution of EDI Gateway. It combines the best capabilities of the EDI Gateway and Enterprise Integration Patterns to offer a specialized out-of-box Healthcare ESB solution. XEngine Server provides more than 20 connectors to integrate any protocol or application, and its powerful orchestration can quickly address the most common integration challenges. It has been architected for both high-throughput for scalability and high availability for strong reliability. Healthcare organizations and their trading partners benefit from a robust information exchange, a broader range of clinical and administrative data to support business processes, improved first-pass rates, enhanced operational efficiency, and cost savings.

WHY EDIFECs XENGINE SERVER?

- Assure ongoing compliance with mandates and trading partner agreements
- Stop errors at the edge of the enterprise to increase first-pass rates
- Leverage clinical and administrative data for multiple purposes in real time
- Integrate smoothly with core business processing systems
- Comply effectively with healthcare mandates and other initiatives
- Easily configure outgoing file-size requirements to meet reporting needs

Capabilities

USING XENGINE SERVER'S INTEGRATED TOOLS, BUSINESS AND IT USERS CAN:

- **Manage the flow of transactions into and out of the enterprise** using visual business process modeling tools
- **Stop bad data at the edge of the enterprise** by validating inbound and outbound transactions against defined guidelines. Generate acknowledgements and easy-to-read reports
- **Receive proactive alerts about emerging issues** to avoid myriad problems, including Operating Rules and Blue Exchange penalties
- **Translate data using sophisticated pattern-recognition technology** that automatically determines the format of incoming data and then, using maps that can be selected based on trading partner and/or transaction type, directly translates into a target format
- **Leverage clinical and administrative data for multiple purposes** by splitting and routing discrete transaction data based on flexible, user-defined rules
- **Reduce need for custom development to integrate with core systems and third-party applications** by leveraging sophisticated adapters and connectors
- **Rapidly achieve HIPAA, Operating Rules and ICD-10 compliance** via predefined system routes and Edifecs XEngine Server's superior performance

Benefits

As shown in Table 1, XEngine Server helps achieve compliance with regulatory mandates, improves transaction quality and operational efficiency, and reduces support and troubleshooting costs.

BENEFITS	SUPPORTING FEATURES
Achieve compliance	<ul style="list-style-type: none"> Validate and translate transactions between various formats to meet healthcare compliance mandates such as HIPAA 5010, CORE Operating Rules, CCD, ICD-10 and NPI with support for WEDI SNIP Types 1-7 Comply easily with government and other trading partner batch and file-size requirements to meet encounter reporting needs Customize out-of-the-box rules to meet company mandates Validate code values against 60-plus clinical and non-clinical code sets updated monthly, including ICD-9 and ICD-10 diagnostic and procedure codes
Improve transaction quality	<ul style="list-style-type: none"> Catch errors early and avoid performance impacts using inline validation of inbound and outbound transactions to prevent failures in downstream systems Intelligently filter good transactions and route to core processing systems using a business-process orchestration tool Meet prompt-pay law requirements by preventing bad transactions from causing full-file rejections
Streamline operational efficiency	<ul style="list-style-type: none"> Proactively manage potential issues with customizable alerts and notifications about system performance and SLA metrics Monitor for non-events, such as an expected file that has not arrived or patterns that indicate activity outside the expected minimum or maximum range Improve first-pass rates of claims adjudication systems by moving pre-adjudication edits to the edge of the enterprise Automatically route bad data to work queues or send alerts to users for exception management in near real-time Accept data from clinical systems in standard and custom formats, such as HL7 and CCD Reduce redundancies and costs by consolidating channels used to receive healthcare transactions into a single unified front-end system
Reduce administrative and support costs	<ul style="list-style-type: none"> Provide intuitive error reports and automated acknowledgements (TA1, 997, 999, 824, 277U, 277CA) to submitter to help identify and resolve errors Convert data from industry formats (5010, NCPDP, HL7) to core-processing system formats (flat files, XML) Separate inbound transactions into multiple core-processing systems by data content, such as trading partner, transaction type, or Payer ID Leverage web-service and database adapters to integrate with existing databases and third-party applications Avoid lost data and “black-hole syndrome” with balancing capabilities that balance file counts, item counts, and dollar amounts through the entire transaction lifecycle

Table 1: Benefits and Features of Edifecs XEngine Server 8.4



Edifecs is a leader in developing innovative, cost-cutting solutions to transform the global healthcare marketplace. Since 1996, Edifecs has provided technology that automates many administrative functions in order to trim waste and reduce costs as well as increase revenues, collaboration and operational performance. Customers who have benefited include healthcare providers, insurers, pharmacy benefit management companies, and other trading partners. More than 250 healthcare customers today use Edifecs solutions to simplify and unify financial, clinical and administrative transactions. They also use Edifecs technology to automate manual business processes (e.g., enrollment, claims and payments management) and to support compliance for HIPAA, Operating Rules and ICD-10 mandates. In addition, Edifecs develops supply chain management solutions to support worldwide customers in non-healthcare industry segments. Edifecs is based in Bellevue, WA, with operations internationally. Learn more about us at edifecs.com.