
XEngine Server 9.0

Industry-leading run-time engine for interoperability and high-performance transaction processing

Introduction

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. Modern technology must deliver information at specific points in the continuum of care, interact with a variety of existing information systems, and consolidate transaction streams. A unified gateway is required to deliver process interoperability to solve the new growing business tasks

Edifecs XEngine Server (XES) 9.0 is the premier healthcare interoperability transaction and data processing engine that powers the Smart Trading suite of solutions. A market leader in transaction processing and data validation, XEngine Server provides powerful orchestration capabilities, quickly addresses integration challenges, and ensures the operational integrity of information exchange with trading partners. Using its integrated healthcare “smart” pipe, users are able to ingest, validate, transform, and consolidate silos of data seamlessly from any connection point or in any format then logically share this data.

Why Edifecs?

Edifecs delivers unmatched quality, performance, and throughput for transaction processing. The XEngine Server is a flexible and scalable solution that maximizes data exchange accuracy, automates data exchange workflow and reduces administrative and IT costs

XEngine 9.0 users can:

- Leverage the Gold standard for HIPAA validation and compliance
- Collaboratively work with recent file versions
- Gain visual perspective over large volumes of EDI data
- Save time on maintaining routine processes
- Integrate directly with Salesforce Health Cloud
- Leverage Drools business rules to improve data quality
- Implement universal REST architecture

Version 9.0 New Features

- Amazon Services Integration
- Duplication Cluster Mode Support
- ECL Run-time Access Support
- XProcess Management Integration

Capabilities

Edifecs XEngine Server 9.0 is a comprehensive transaction-processing solution that ensures compliance by validating clinical and administrative transactions for syntax, semantics, and custom business rules, including external Drooms business rules. This safeguards the operational integrity of information exchange between trading partners and increases first-pass rates by catching errors at the edge of the enterprise before they enter core systems

Integrate Data and Manage Performance

- Achieve high-speed, high-quality process interoperability by integrating clinical and administrative data into a unified front-end system
- Detect and notify message backlogs, peak loads, low volumes by partner/time period, etc.
- Automate management of control functions including flow management, distributed server manager, batch splitters, balance counters, and metering
- Catch errors early using in-line validation of inbound and outbound transactions to prevent failures in downstream systems
- Detect black-hole syndrome in multi-step processes to ensure process completeness and prevent costly rework
- Monitor for non-events, for example, patterns that indicate activity outside the expected minimum or maximum range
- Utilize configuration artifacts stored in the cloud directly from your run-time business flow

Validate Data and Achieve Compliance

- Protect back-end systems from erroneous data while ensuring compliance with healthcare mandates, state regulations, and enterprise guidelines
- Customize or relax conformance checks using pre-built WEDI SNIP Types 1-7 edits and configurable rules
- Validate data elements against more than 60 clinical and non-clinical code sets, updated monthly
- Utilize full validation support for ICD-9 and ICD-10 diagnostic and procedure codes
- Monitor processing throughput to comply with CAQH CORE response times
- Meet state regulations for prompt pay laws by preventing bad transactions from causing full-file rejections

Reduce Costs and Improve Support

- Automate message processing and routing rules to reliably deliver clean data. Identify and track problematic behavior to quickly resolve issues
- Improve first-pass rates by implementing pre-adjudication edits at the edge of the enterprise
- Reduce cost to detect and resolve issues using pre-built reports, drill through and data viewers
- Proactively manage potential issues with customizable alerts and notifications about system performance, event and SLA metrics
- Reduce redundancies and costs by consolidating disparate channels into a single, unified front-end system
- Use rich scheduling (clock, event or record count) to manage process windows, for example, automatically transmit outbound batches



Edifecs Inc. is a global healthcare software company committed to improving outcomes, reducing costs, and elevating value of healthcare for everyone. Edifecs delivers the industry's premier IT partnership platform to providers, insurers, pharmacy benefit management companies, and other trading partners. By mobilizing its leading solutions at the front end of the healthcare information pipeline, Edifecs provides a unified platform for partners to flexibly pilot and scale new initiatives using their existing enterprise system. Since 1996, hundreds of healthcare customers have relied on Edifecs partnership solutions to future-proof their leading initiatives in the midst of a dynamic healthcare landscape. Edifecs is based in Bellevue, WA, with operations internationally. Learn more about us at edifecs.com.