

XEngine Server Web Services and Database Modules

Enhancing the integration capabilities of the Smart Trading platform to further streamline processing

Summary

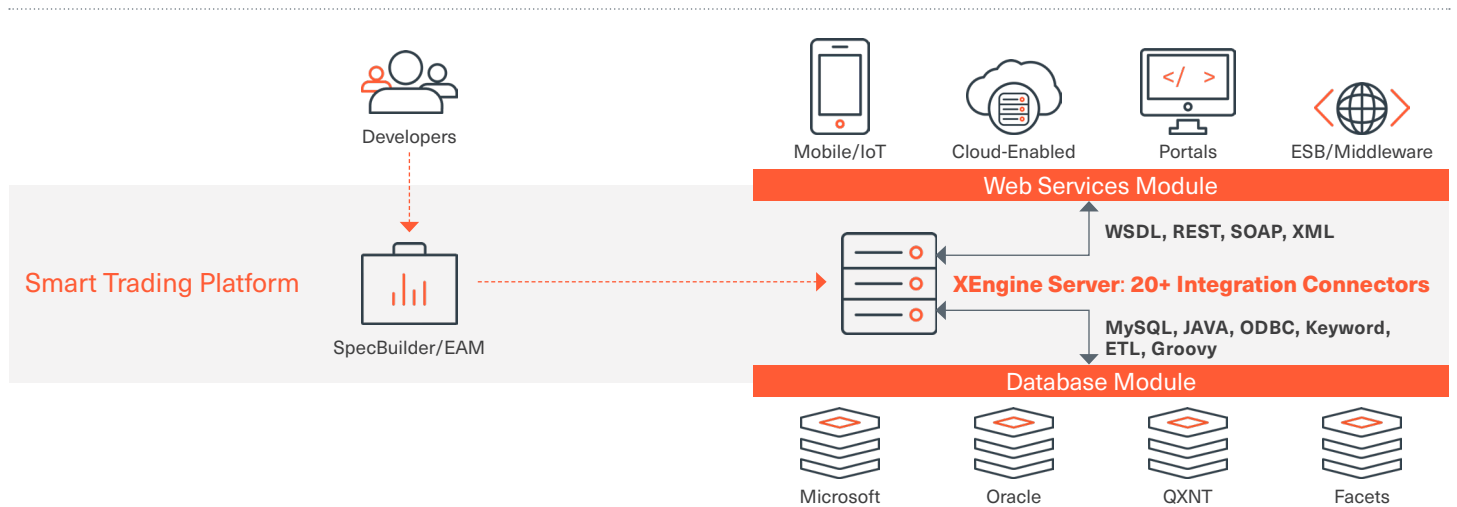
Edifecs' XEngine Server is the premiere healthcare interoperability transaction and data processing engine that powers the Smart Trading suite of solutions. A market leader in transaction processing and data validation, XEngine Server provides powerful orchestration capabilities, quickly addresses integration challenges, and ensures the operational integrity of information exchange with trading partners.

XEngine enables users to integrate, consolidate and validate silos of healthcare data seamlessly from any connection point or in any format. Now, with the addition of the Web Services and Database Modules, XEngine users can easily make direct calls to web-based applications and external databases, eliminating the need for custom code-based solutions.

What are the XEngine Server Web Services and Database Modules?

The Web Services and Database Modules are enhancements to the XEngine Server's integration capabilities. The Web Services Module provides the components required to host web services within Edifecs or to call an external web service to receive data directly from the transactional process flow. The Database Module provides reading and writing capabilities to an external database, including the ability to open and close database connections to optimize throughput and avoid processing exceptions.

The XEngine Server provides more than 20 connectors to integrate any protocol or application, and its powerful orchestration capabilities can quickly and easily facilitate integration. The platform's flexible design allows users to select, apply, and then configure the specific components needed for use with transactional processing flows.



Use Cases

Typical use cases for the Web Services and Database Modules include:

Provider Verification during Claims Processing

Prevent fraud by checking a submitted claim against an external provider registry to ensure the claim is valid.

Substance Check Against Government Web Services

Connect directly to the FDA's public REST interface to check against the national database of abused substances.

Eligibility Verification

Improve eligibility validation and ensure compliance with Operating Rules by accessing the original 270 request and generating a 271.

Benefits

With the Web Services and Database Modules, Smart Trading users can apply web service calls and database look-ups to their inbound and outbound processing workflows. By facilitating front-end editing and data validation, the Web Services and Database Modules improve data integrity and reduce the number of processing issues downstream.

XES Web Services Module

Capabilities

- Product-based approach to integration design via configuration to avoid challenges associated with custom code-based solutions
- Support for REST/SOAP web service connectivity to enhance data edits and integrity checks at the front-end
- Component-based Web Service integration to incorporate additional processing steps without redesign easily
- Automatic message processing and rules routing to deliver clean data reliably

Value

- Improve efficiencies by shortening the development cycle and streamlining processes
- Easily meet industry level performance metrics (CAQH, MU et al.) and mandated SLAs
- Reduce costs by validating data elements, translating code sets and ensuring data quality before submission
- Achieve high-speed, high-quality interoperability by integrating data into a unified front-end system

XES Database Module

Capabilities

- Define database interface formats like XML or delimited files and easily manage database expansion and changes
- Leverage direct access of database look-ups (i.e., support traditional ETLs) to optimize validation edits at the point of receipt
- Automate database interface definition through an ODBC connection and an intuitive user interface
- Incorporate data capture across key transactional data and processing elements to enhance analysis and reporting

Value

- Improve validation efforts by directly accessing membership data and billing providers
- Reduce development effort and resource dependencies with a simplified user interface for design through-testing
- Protect back-end systems from erroneous data while ensuring compliance
- Optimize throughput and avoid processing exceptions



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