

PilotFish Introduces the eiSuite for EDI SNIP4+, the Ultimate Solution for Healthcare Integration

PilotFish has launched eiSuite, an X12 EDI HIPAA integration solution suite that provides enhanced parsing, transformation, and validation capabilities with seamless integration with other systems. The suite includes rules generated from X12 documentation

Hartford, Connecticut Apr 18, 2023 ([IssueWire.com](https://www.IssueWire.com)) - [PilotFish](#), a leader in integration engine solutions, is excited to announce the release of eiSuite for EDI SNIP4+, a complete solution suite for X12 EDI HIPAA integration. With our innovative XML transformation process, eiSuite offers enhanced parsing, transformation, and validation capabilities as well as seamless integration with other internal and external systems.

The eiSuite offers rules generated from X12 documentation within the validation processor, a highly scalable and customizable multi-threaded framework for executing validation rules, and external code set testing (SNIP level 5). The tool's rules XML format also enables customers to create customized rules for SNIP 6 and 7 services and customer-specific rules. These features provide far superior accuracy, efficiency, flexibility, and scalability, allowing for a fully customized and streamlined validation process.

The [eiSuite EDI SNIP4+](#) solution supports the following:

- Connectivity, data transformation, validation, routing, and delivery
- All X12 EDI transaction sets for Healthcare, including EDI 270, 271, 275, 276, 277, 278, 820, 824, 834, 835, 837-P, 837-D, 837-I, 997, 999, TA1
- Validation of SNIP Levels 1 through 7 utilizing a hyper-speed EDI Validation Processor
- Instant SNIP Level 5 validation against 37 External Code Sets comprised of millions of individual codes
- Optional subscription for continuous update and maintenance of External Code Sets
- Real-time operational insight into transaction processing, including dynamic reporting and data visualization

"We are thrilled to introduce our latest offering, the eiSuite for EDI SNIP4+, which provides enhanced parsing, transformation, and validation capabilities for X12 EDI HIPAA integration. With rules generated from X12 documentation, a customizable multi-threaded framework, and external code set testing, eiSuite offers unmatched accuracy, efficiency, flexibility, and scalability for a fully customized and streamlined validation process. At PilotFish, we are committed to providing cutting-edge integration engine solutions that exceed our customers' expectations and eiSuite delivers that."

Monika Vainius *Executive Vice President – Sales & Marketing*

PilotFish's eiSuite for EDI SNIP4+ solution offers an innovative EDI integration and document conversion approach. By converting EDI documents to XML format, customers can enjoy enhanced parsing, transformation, and validation capabilities as well as greater interoperability with other systems that support XML. The validation result XML document provides a standardized and structured format

for downstream processing, allowing for efficient and reliable management of EDI validation.

EDI SNIP4+ Workflow

The eiSuite includes rules generated from X12 documentation, a customizable multi-threaded framework, and external code set testing (SNIP level 5) for unrivaled accuracy, efficiency, flexibility, and scalability. Each validation rule is executed using a highly scalable and tunable multi-threaded framework, enabling parallel processing of multiple documents and optimizing resource allocation. External code set testing provides automatic validation against external code sets, reducing the need for manual validation and improving overall EDI processing. (Detailed EDI SNIP4+ Workflow diagram.)

The eiSuite EDI SNIP4+ solution specifically offers these features and benefits:

- EDI Documents are converted to XML for parsing, transformation, and validation.

Converting EDI documents to XML format provides improved parsing, easier transformation, and validation as well as greater interoperability with other systems that support XML. This approach provides you with greater flexibility and accuracy when processing EDI documents.

- XML formatted EDI is run through the PilotFish EDI SNIP validation processor to output a validation result XML document for downstream processing.

The benefit of this approach is that it provides a standardized and structured format for downstream processing. The validation result XML document contains detailed information on syntax and semantic errors in the original EDI document, allowing downstream systems to access and process the results easily. This approach provides an efficient and reliable method to manage EDI validation.

- Rules are generated from X12 documentation and are included directly inside the Validation Processor.

This process improves the validation process's accuracy, efficiency, maintenance, and flexibility. It provides a reliable and effective approach to EDI validation, ensuring that EDI documents are validated accurately and consistently while adaptable to changing requirements.

- Each validation rule is executed against the document using a highly scalable and tunable multi-threaded framework.

This approach provides improved performance, flexibility, scalability, and accuracy. It also enables the parallel processing of multiple documents, optimizes resource allocation, and reduces the risk of errors – resulting in a more efficient and reliable validation process.

- External code set testing (SNIP 5) is applied to the configuration by supplying a delimited file that can be self-generated following our format or provided by our Codes Database.

This feature provides improved accuracy, greater flexibility, reduced maintenance, and increased efficiency in EDI processing. It also allows the tool to validate codes automatically against external code sets, reducing the need for manual validation and improving overall EDI processing.

With PilotFish's eiSuite EDI SNIP4+ solution, customers can enjoy optimal performance, faster results, and seamless integration with their existing systems and new customers. The output validation result

XML document provides a standardized and structured format for downstream processing, ensuring accurate and consistent validation of EDI documents. Overall, eiSuite offers a reliable and effective approach to EDI validation, is adaptable to changing requirements, and provides improved accuracy, efficiency, flexibility, and scalability.

PilotFish offers a [Free 90-Day Trial of the eiConsole for EDI X12](#). The trial is a full version of the product with all functionality included. Interested parties can call 860-632-9900 to set up a custom demo and have a discussion regarding your use case and how PilotFish may meet your requirements. Easy-to-follow tutorials allow users to gain a basic understanding of the product for evaluation purposes.

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