

Streamlined EDI 837 Workflow with SNIP Validation and JSON Integration - A batch workflow showing EDI 837 from a Trading Partner, ingested and traversing through the PilotFish SNIP Validation Processor then into an Internal DB which generates an EDI 999 and an EDI 277. The EDI 275 and EDI 835 from the Trading Partner's Source System is ingested by PilotFish as an individual bill with saved attachments and payments then transported as a JSON inquiry to the database which yields supporting info during data processing.

EDI Integration Simplified:

Streamlining Healthcare Interoperability with PilotFish

The increasing reliance on HIPAA X12 transactions is reshaping healthcare, driving demand for seamless EDI solutions across payers, providers, HIEs, state agencies, and more. Yet, the complexity of managing X12 EDI, XML, and proprietary interfaces poses significant challenges. Organizations must navigate diverse data standards, trading partner variations, and compliance requirements—all while maintaining operational efficiency and accuracy.

PilotFish: Connect Anything to Anything

As a trusted X12 distribution partner, PilotFish delivers the most comprehensive solution for parsing, mapping, validating, and producing X12 standards messages. PilotFish's EDI-specific components automate the complexities of handling X12 transactions, enabling users to transform, validate, and exchange data effortlessly. With PilotFish's graphical "Automated Assembly Line" process, organizations can integrate legacy systems with cutting-edge technology, bridging disparate data models and architectures with ease.

The Ultimate Solution for EDI Integration

PilotFish empowers healthcare organizations to streamline X12 EDI transaction processing, improving data exchange and interoperability across the healthcare ecosystem. By converting documents to XML, PilotFish enhances parsing, transformation, validation, and compliance, ensuring seamless integration with diverse systems. Its advanced features offer organizations the tools to address complex data challenges while reducing errors and improving efficiency. Advanced features include:

- **Comprehensive SNIP Validation:** Ensure full compliance with levels 1-3, robust semantic rules at level 4, and thorough code set validation at levels 5-7, all configurable for trading partner-specific requirements.
- **Scalability and Flexibility:** A multi-threaded framework ensures high performance, while an optional external code set maintenance subscription simplifies ongoing updates.
- **Ease of Use:** PilotFish's drag & drop Data Mapper and automated validation processes eliminate the technical complexities of EDI integration.

Designed for All Healthcare Stakeholders

Payers, providers, and state agencies benefit from PilotFish's unified approach to integration. PilotFish delivers superior accuracy, efficiency, and scalability, transforming healthcare EDI challenges into opportunities.

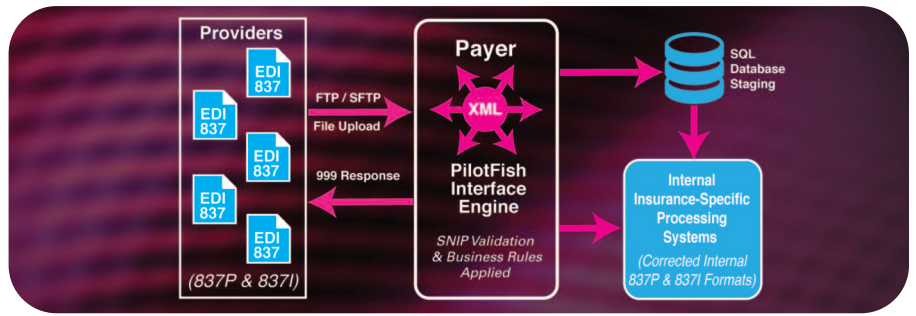
Why Choose PilotFish?

PilotFish automates SNIP validation, including comprehensive external code set testing, ensuring compliance with industry standards and reducing manual effort. Its platform supports any X12 transaction, format, or communication protocol, providing unparalleled flexibility to meet diverse integration needs. With scalable and configurable solutions, PilotFish adapts to your unique requirements, empowering your organization to streamline EDI workflows and improve operational efficiency. Discover how PilotFish can simplify your EDI integration challenges and transform your healthcare interoperability strategy.

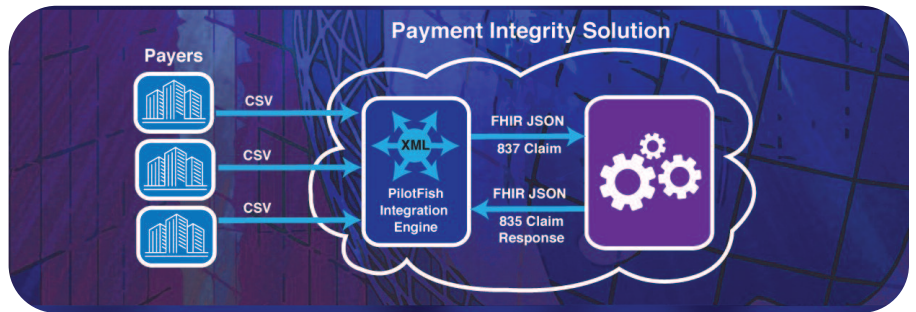
[Visit Our Website to Download a FREE 90-Day Trial](https://www.healthcare.pilotfishtechnology.com)

Ease of EDI Migration for BCBS Licensee -

This payer faced an increasingly complex regulatory environment and multiple integration challenges derived from the need to coordinate and streamline a vast array of services, interact with a diverse set of stakeholders and data, and adhere to numerous regulations and reporting requirements. PilotFish helped them meet these challenges with an easy migration path and measurable productivity and efficiency gains.

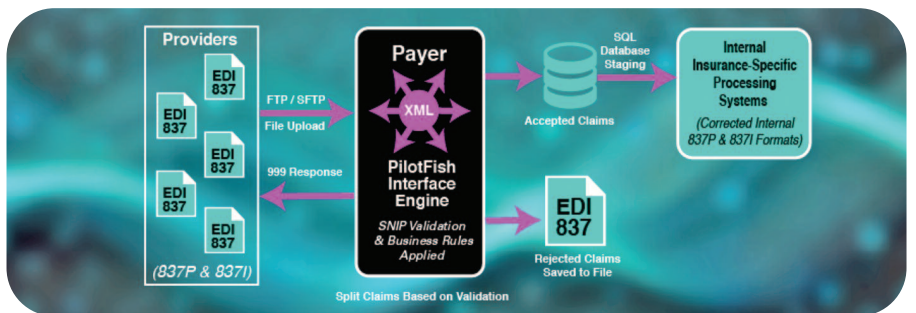


Innovating Payment Integrity – A healthcare tech leader partnered with PilotFish to scale its hybrid platform for payers. By seamlessly integrating FHIR and EDI, the firm automated claims processing, ensured 100% accuracy, and delivered real-time interoperability. With advanced tools and rapid deployment capabilities, PilotFish helped the company reduce costs, improve efficiency, and set a new standard in payment integrity and operational excellence.

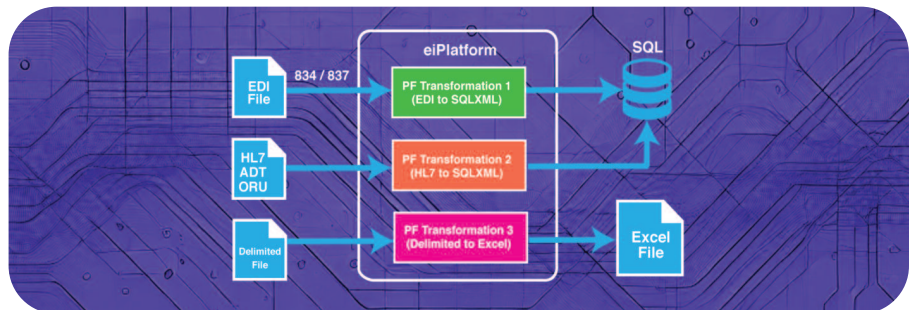


Astounding 834 & 835 Claims Processing Efficiency Achieved -

A large insurance service provider struggled with inefficiencies in processing high volumes of X12 EDI transactions, critical for claims and payment remittances. Their outdated infrastructure caused delays, impacting downstream product value. Partnering with PilotFish, they launched a transformative project to optimize data integration and streamline operations for a major health insurance client.

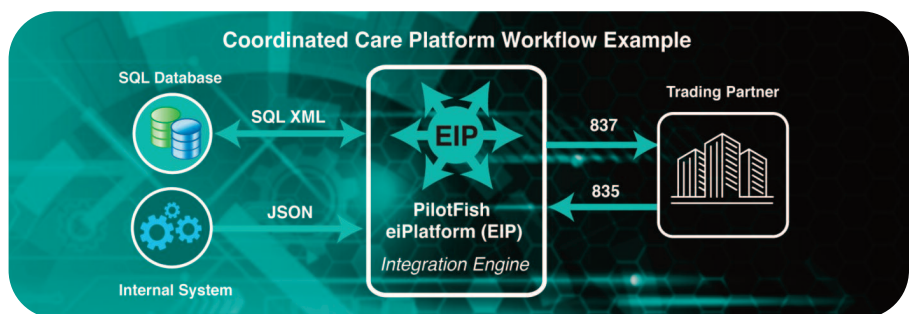


Scalable Medicaid Data Integration – A healthcare solutions provider partnered with PilotFish to tackle complex data integration challenges – HL7 and EDI processing, compliance requirements, and scalability. PilotFish’s platform automated workflows, resolved data inconsistencies, and improved operational efficiency. The provider achieved self-sufficiency, enhanced data accuracy and is positioned for scalable growth setting a new standard for Medicare services.



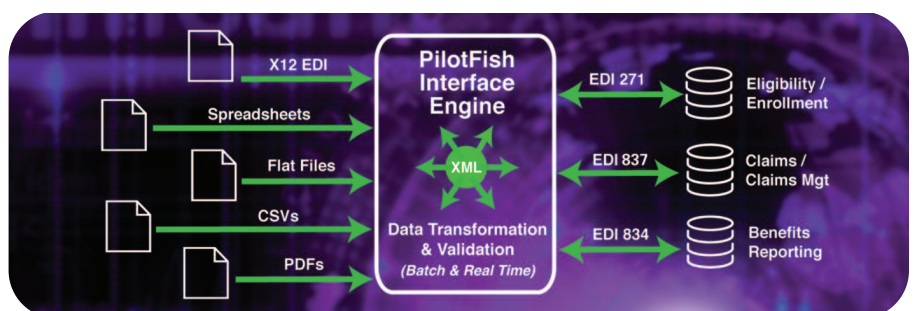
Care Delivery Model Succeeds with PilotFish –

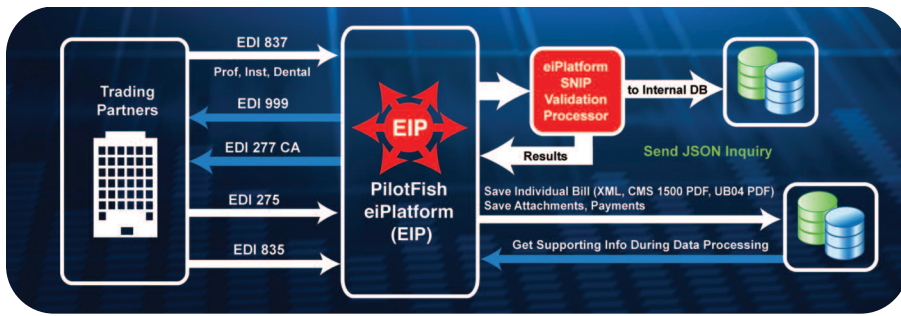
Payers, providers, and service partners struggle to navigate the disparate processes, standards, and systems required to integrate social care, behavioral health care, and medical care. With PilotFish’s exceptional capabilities in the bi-directional data exchange of HL7, FHIR and X12 EDI, this transformative leader was able to move forward to tame complexity and ensure seamless data interoperability.



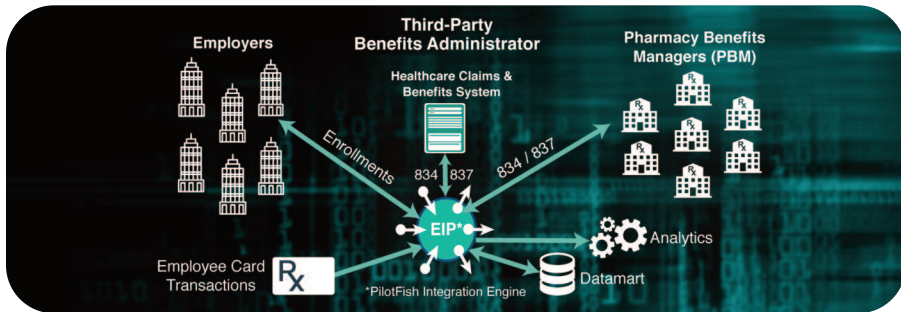
X12 EDI Specialty Healthcare Integration –

This leading plan provider was experiencing rapid growth. PilotFish’s built-in support for all X12 EDI HIPAA transaction sets and superior capacity for validation of SNIP Levels 1 through 7 (utilizing a hyper-speed Validation Processor) were key factors for its selection. Instant SNIP Level 5 validation against 37 External Code Sets comprised of millions of individual codes, helped this payer quickly achieve their goals.

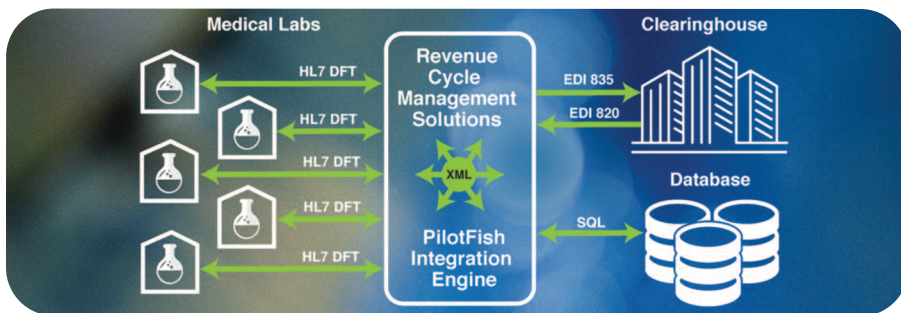




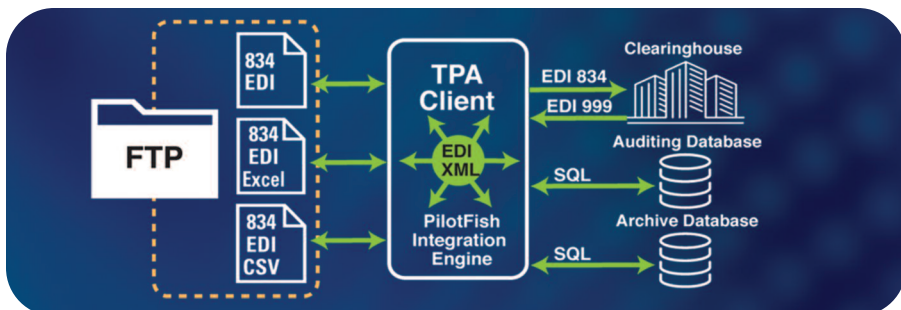
Revolutionizing Payment Integrity – A healthcare tech innovator partnered with PilotFish to power its payment accuracy platform, enabling seamless FHIR and EDI integration for payers. By automating claims data processing and achieving 100% accuracy, the firm accelerated interoperability, cut costs, and delivered unmatched efficiency. With PilotFish, they're transforming payment integrity and redefining healthcare operations.



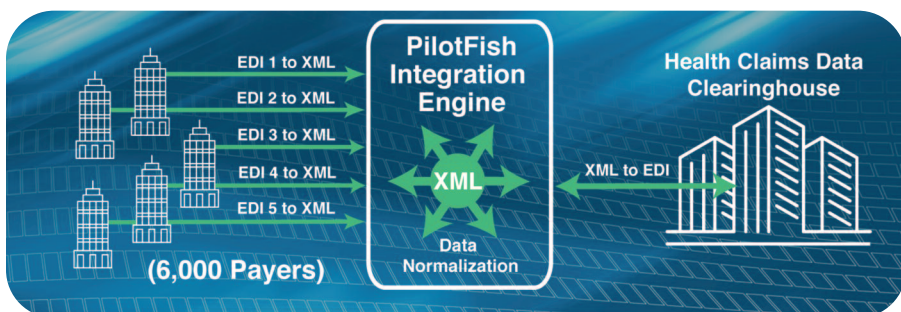
Scaling EDI 834 and 837 Processing - Faced with mounting EDI complexities and inefficiencies, a leading TPA turned to PilotFish for scalable integration solutions. By automating EDI 834 and 837 workflows, reducing manual processes, and streamlining client onboarding, PilotFish empowered the TPA to handle high data volumes with ease. With rapid adaptability and seamless custom solutions, the TPA achieved cost savings, faster implementations,



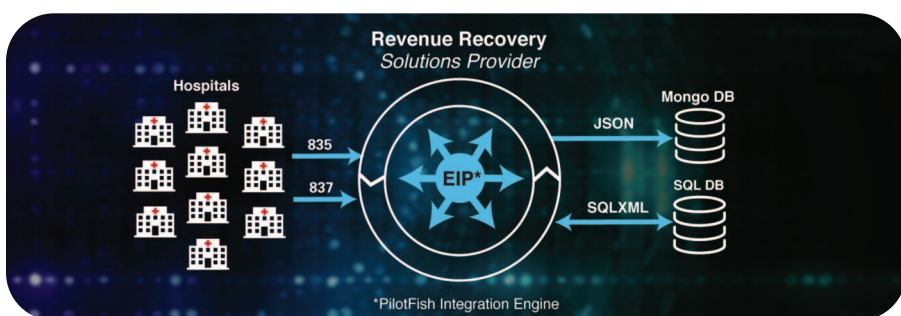
Transforming Productivity With 360% Gains – A clinical laboratory billing company faced crippling manual workflows that limited growth. PilotFish's automation solutions replaced error-prone processes with seamless HL7 and EDI integrations, enabling the team to onboard new partners in a single day instead of weeks. With a 360% productivity boost and a tenfold capacity increase in key areas, the company unlocked unprecedented scalability and efficiency.



From Bottlenecks to Breakthroughs: Rapid EDI 834 Integration - A national TPA faced growth-limiting integration challenges with EDI 834 data. PilotFish transformed their processes, automating workflows, eliminating errors, and enabling business users to handle 90% of configurations. With faster onboarding, seamless implementations, and empowered teams, the TPA achieved greater efficiency, delighted clients, and gained a competitive edge.



Modernizing HIE & Claims Processing – A healthcare claims clearinghouse and HIE overcame outdated infrastructure by partnering with PilotFish. In six months, a small team re-engineered its claims processing architecture, maintaining connections without service disruption. The result? Faster customer onboarding, improved data validation, and reduced maintenance costs enabling the organization to scale and deliver superior service.



Revenue Recovery Revitalized - Client processes using advanced data science tools were bogged down by a weak link – EDI data intake. Their home-grown parser couldn't handle ingesting millions of EDI 835 and EDI 837 transactions. PilotFish's built-in EDI parser surpassed the client's home-grown parser across every metric. The client's hospital system customers were the big winners in this revenue recovery automation.



PilotFish Product Specifications

| SUPPORTED PLATFORMS |
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| Windows |
| Linux / Unix / AIX / HP-UX |
| Mac OSX |
| SUPPORTED APPLICATION SERVERS |
| Windows Service |
| Apache Tomcat |
| JBoss / WildFly |
| WebSphere Application Server (WAS) |
| Glassfish |
| WebLogic |
| Any Other Java Container |
| SUPPORTED DATABASES |
| Any JDBC DB (MS SQL Server / Oracle / DB2 / Postgresql / MySQL / MariaDB / Java DB / Derby / H2) |
| MS Access |
| MongoDB |
| SUPPORTED FORMATS |
| HL7 2.x / 3.x / FHIR |
| CCD / CDA |
| EDI X12 |
| Delimited and Fixed-Width Files (CSV/Positional/Custom) |
| Key / Value |
| XLS / XLSX |
| DICOM |
| XML |
| JSON |
| PDF |
| NCPDP |
| Binary (.wav / .jpg) |
| SUPPORTED PROTOCOLS |
| Database (JDBC) |
| Email (IMAP / POP3 / SMTP) |
| Local / Network File System |
| FTP / SFTP / FTPS |
| TCP / UDP Sockets |
| HL7 LLP |
| HTTP / HTTPS |
| OAuth2 (JWT / Token Introspection) |
| Messaging (JMS / MQ / MSMQ / RabbitMQ / Kafka) |
| EMR API Call |
| Web Services (SOAP / RESTful) |
| Command-Line Invocation (CLI) |
| Active Directory / LDAP |
| Custom Connectors |
| IoT (Serial / MQTT) |
| AI API's |
| AS2 |
| Cloud Storage (S3 / Google / Azure) |
| ARCHITECTURE |
| Consistent "Assembly Line" Pattern |
| Configuration Over Code |
| Component Driven |
| Extensible Via Open APIs |
| Scripting Support (via GraalVM: JavaScript, Python, etc.) |

| HL7 FEATURES |
|---|
| HL7 Friendly Name Option |
| HL7 Lenient Parser |
| Ability to Read Any Version of HL7 |
| Inline HL7 Documentation |
| Transaction Templates for HL7, FHIR and CDA |
| EDI X12 FEATURES |
| Parse any EDI X12 Transaction |
| EDI Friendly Name Option |
| SNIP Validation 1-3 Included, 4-7 Available |
| Inline Code Set Definitions (Optional Code Maintenance) |
| Transaction Templates for EDI |
| DATA TRANSFORMATIONS |
| Graphical, Drag & Drop Data Mapping |
| No Coding or Custom Scripting Required |
| Standards Compliant (W3C XSLT) |
| Computationally Complete |
| WORKFLOW PATTERNS SUPPORT |
| Sequencing |
| Splitting / Merging |
| Process Orchestration |
| Branching |
| Conditional Logic |
| Iteration |
| ERROR HANDLING |
| Easy, Hook-Based Customized Error Handling |
| Configurable Text-Based Logging |
| Flexible Proactive Notifications |
| Extensive Operational Visibility Framework |
| VALIDATION |
| Schema (XSD) |
| Structural Format Conformance (HL7, EDI, etc.) |
| Business Rules |
| External Lookup |
| TESTING |
| Instant (No Compilation or Deployment) |
| Graphical, Step-By-Step Debugging |
| End-to-End or Stage-by-Stage |
| IDE-Resident Server Emulation |
| ANALYTICS |
| Robust Real-Time REST API |
| Flexible Reporting |
| On-the-Fly Break-Fix |
| eiDashboard Multi-Instance Monitoring |
| Splunk Integration |
| DEPLOYMENT MODELS |
| On-Premises |
| AWS / GCE / Azure |
| Lightweight / Bundled |
| Docker / Containerization |
| LICENSING |
| End-User Licenses |
| Product Bundling Licenses |
| Value Added Reseller Licenses |
| One-Time Licenses |
| Subscription – On-Demand Pricing |