

ADVANCEDRX ADOPTS NCPDP D.0 STANDARDS AND AUTOMATION TO PROCESS PHARMACY CLAIMS FASTER

OZ Digital Consulting helps AdvancedRx, a pharmacy services company, automate manual claims processes to reduce time.

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THE CHALLENGE

Time-consuming, error-prone pharmacy claims processing

AdvancedRx was processing pharmacy claims manually as flat files—an outdated process that was time-consuming, prone to errors, and not scalable. It was time to adopt the more widely used NCPDP D.0 industry standard for pharmacy claims processing. This standard, developed by the National Council on Prescription Drug Programs (NCPDP), would allow for direct integration between pharmacy dispensing software and third-party claims systems.

THE SOLUTION

Adopting the NCPDP D.0 standard to reduce claims processing time

AdvancedRx decided to implement the NCPDP D.0 standard, which would directly integrate with pharmacies, reduce claims processing time, and improve accuracy.

Key benefits:

- Replacing manual interventions with automated workflows.
- Ensuring accurate, real-time data exchange.
- Integrating seamlessly with multiple pharmacies.
- Reducing operational overheads and claims processing time
- Incorporating the solution into their existing EHR system without disruption, while ensuring interoperability with external stakeholders such as pharmacies and regulatory bodies.
- Ensuring full compliance with Drug Enforcement Administration (DEA) regulations for electronically prescribing controlled substances.
- Protecting sensitive patient and prescription data from unauthorized access and fraud.

To implement this solution, AdvancedRx partnered with OZ Digital Consulting and selected Microsoft BizTalk Server as the integration platform. BizTalk's capabilities in Electronic Data Interchange (EDI), message transformations, and business rules engine execution were crucial for seamless communication between AdvancedRx and pharmacies.

Key solution components:

- 1. NCPDP D.0 Standard:** Enabled structured, secure, and real-time claims data exchange.
- 2. BizTalk Server:** Managed the EDI message processing, transformations, and routing between AdvancedRx and pharmacies.
- 3. Direct Integration:** Banished manual flat file exchanges by directly integrating with multiple pharmacy systems.
- 4. Exception Handling and Monitoring:** BizTalk's built-in monitoring tools allowed for real-time tracking and automated error handling, reducing manual intervention.

IMPACT

Pharmacy claims wait times drop, patient care advances

The adoption of the NCPDP D.0 standard, combined with BizTalk's integration capabilities, improved operational efficiency, data accuracy, and scalability while reducing manual effort. As a result, AdvancedRx is now well-positioned to scale and meet future industry demands.

Key Results:

- **Automated Workflow:** Manual flat file processing was fully eliminated, leading to significant time savings and reduced errors.
- **Faster Claims Processing:** Real-time data exchange enabled quicker adjudication and fewer delays.
- **Better Data Quality:** Standardized messaging ensured higher claims accuracy and fewer rejections.
- **Enhanced Scalability:** New pharmacies were seamlessly integrated without manual interventions.
- **Cost-savings:** Operational costs were reduced by automating processes and reducing labor costs.

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COMPANY

AdvancedRx

HEADQUARTERS

Tampa, Florida

INDUSTRY

Healthcare

EMPLOYEES

50

FEATURED SERVICES:

Azure Solutions
Enterprise Integration
Automation

TECHNOLOGIES USED

Microsoft BizTalk Server
Microsoft BizTalk Adapters
NCPDP D.0 Standard
Business Rules Engine (BRE)

More Customer Stories



Rooms to Go Builds Customer Loyalty with a New API-led Strategy



OZ builds Owll—the Fastest Growing "Social Audio Platform"