



3Nexus System Solutions for Healthcare Industry

Your Results.
Our Commitment.



Healthcare transaction requires large volume of information securely exchanged between healthcare providers, payers, and insurers. It is vital to healthcare organizations to consolidate intelligence data, maintain data integrity, and ensure regulatory compliance. 3Nexus solutions help healthcare organizations increase operational efficiencies, reduce administrative and delivery cost, and enhance patient health and wellness. Through proven technologies, industry best practices, and global delivery capabilities, we provide high-quality healthcare application development, re-engineering, and testing solutions with effective pricing.

■ Business Intelligence and Workflow Management

Support hospitals' sourcing business intelligence. Enable hospitals to manage their sourcing vendors and supplies smarter with high-quality data.

Enhance contract management efficiency. Minimize purchase order errors and streamline e-commerce transactions between trading partners.

Apply eContract Readiness to match customer requests with General Purchase Order (GPO) number, price, and contract Unit of Measure (UOM). This provides contract administrators, materials managers, and buyers the ability to view items bought on/off contract. eContract Readiness currently supports HPG and Premier.

Perform routine Content Analysis Assessment that improves ordering processes and adhere to contracted pricing. Save costs for healthcare organization through each step of the supply chain.

Enable user to identify demand level of an encounter by Supply Optimization. Based on the demand level of the encounter, an item set that best fits the demand level as well as optimal procedure cost and revenue are suggested.

Provide web services to automate communication between supplier eCatalogs and healthcare providers.

■ Data Integrity and Compliance Management

Perform advanced data analysis, normalization and standardization services for multiple sources data including Purchase Vendor Master File, Item Master File, and Purchase Order.

Consolidate and enrich Purchase Vendor Master File from multiple legacy sources.

Classify products contained in the Item Master File according to the United Nation's Standard Products and Services Code (UNSPSC) for spending analysis, product sourcing, and budgeting of supply expenditures.

Enable data cleansing solution to standardize, assess, enhance, and correct data across multiple systems. Utilize powerful, algorithmic data matching capabilities to identify relationships between data records for de-duplication or group-based processing. Maintain data consistency and integrity throughout the enterprise.

Assign and comply with Level II Healthcare Common Procedure Coding System (HCPCS).

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Technologies

- Data Identification and Discernment base on Artificial Intelligent S-O network theory
 - Objective Text Mining model applies for Data Normalization and Standardization
 - Lisp and AllegroCache - The enabling technology behind Allegro CL 8.0 persistent objects is a high-performance, scalable, dynamic object-caching database
 - Ruby on Rails
 - Java(TM) SE Runtime Environment
 - Web Services & XML
 - PostgreSQL
 - YUI & EXT library - Set of utilities and controls, written in JavaScript, for building richly interactive web applications using techniques such as DOM scripting, DHTML and AJAX
 - Loquendo - An interactive text-to-speech programming library
 - FusionCharts - Animated, interactive and data-driven Flash charts for Web application and presentations
 - Windows
 - Linux 64-bits (Fedora Core 6, 7)
 - SunOS 8
- The 3Nexus healthcare IT team has a mission to bring safe, efficient, and user-friendly healthcare systems to our customers.

3Nexus application solutions for the Healthcare industry:

- Data integrity and consolidation
- Data intelligence and reporting
- HIPAA compliance solutions
- Healthcare IT system development and integration
- System maintenance and enhancement
- System testing and quality assurance

Your benefits:

- Round the clock development and support
- Global delivery capability that provides scalable resources, reduces costs, and mitigates risk
- Flexible access to highly skilled healthcare IT professional and industry experts
- Partnering solutions whose mission and vision aligned to yours



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