



ClaimScape Scanning, Imaging, & EDI Management System

Summary

The ClaimScape Scanning, Imaging, and EDI System is amongst the first products to combine Automated Medical Claims Scanning, Document Imaging for medical claims, and Centralized EDI Management for both scanned claims as well as EDI claims into a single product suite. While it is common to find these kinds of products available separately from different vendors and operating at different levels of functionality and performance, DataGenix is amongst the first to combine these products into a single integrated software suite that operates seamlessly together. Moreover, the software is easily integrated with a number of different Claims Processing systems to assure the most accurate upload of data as well as one-touch integration between the Document Imaging System and most any claims processing system. DataGenix's experience in all these technologies along with its staff's 15 years of experience in the health claims processing field assure the knowledge and support for the products.

Product Components

This product suite combines a number of software components that comprise the product suite. Each can operate separately as well. These software components are summarized below:

ClaimScape Automated Scanning System – This system utilizes the power of the industry proven Cardiff/Verity Teleform Forms processing product to automate the process of claims form recognition and optical character recognition for all of the information contained on the HCFA, UB92, and Dental claims forms including patient information, insured information, and services rendered data. The Teleform system, in combination with DataGenix scripts, forms templates, and interfaces provide high throughput processing of the claims data for interface with other applications or databases to help eliminate most all of the data entry normally required for claims data entry. Data can be verified against the production claim system when used in conjunction with the EDI Manager application to eliminate the need for expensive multiple verifier licenses. The system can also be extended to process other kinds of forms and supports bar code processing as well.

Datagenix Document Management System – This Document Imaging System combines the speed of SQL Server 2000, a small footprint web and client application, and a simple to use interface to create an imaging system that is very usable, scalable, and extensible. Administrators can add or delete search fields and key fields as necessary and modify the user interface to show only the information most relevant to users. Documents of all categories and types, including claims documents, plan documents, and documents from other industries as well are supported as well. File formats include TIFF, JPG, PDF, Word and Excel.

Datagenix EDI Manager – This EDI Claims Management tool provides a centralized portal application to handle claims that have been scanned as well as claims that have been received electronically in standardized formats. The software provides semi-automated verification of claims that have been scanned using ODBC links to Claims Processing Systems and data warehouses. Scanned Claims are exported to standardized 837 EDI files for export into claims processing systems. Complete audit trails track verification activity as well as export activity. Records of all claims scanned or received as EDI claims are maintained. Claims can be pending and managed within the application before being exported to production claims systems. A standard set of reports allow administrators to monitor claims scanning and processing activity. A SQL Server 2000 database architecture allows for scalability and performance.

Information Flow & System Overview

Claims being scanned and processed for upload or document image access follow these sequence of steps from paper claim to processed claim and document image:

- 1) Claims are scanned by one or more local or remote scanners
- 2) The ClaimScope Scanning Workstation collects claims images, recognizes the claims forms and attachments, OCRs them and saves the claims images and attachments and raw claims data into a SQL Server database
- 3) Claims Images are made available immediately to the Document Management System
- 4) Claims data is verified automatically or via on-screen review in the EDI Manager by comparing data from the production claims database with the data that was scanned and filling in the data fields automatically.
- 5) Claims are exported and uploaded to the claims system in standard 837 formats or via a direct interface
- 6) Claims Images are available to all users on the network using the DataGenix Document Management system. The One-Touch interface allows the software to read the claim number or related key right off the claims system screen avoid the need for users to type key fields to view the related claim image.

Application Overview – Integrated Claims Scanning, EDI and Imaging

