OPTUM™

Integration Manager

Many organizations need a scalable solution for communicating data from their practice management system to third party systems. But, redundant data entry can be expensive and time-consuming.

Optum™ Integration Manager allows the user to manage standard data fields and formats, and to determine where to send messages. Monitoring and troubleshooting features allow the user to check activity and data integrity as Optum Integration Manager runs in the background.

Optum Integration Manager provides a rapid, cost-effective means of sending data from the GE Centricity Business practice management system to outlying systems.

Integrates GE Centricity Business practice management data with other enterprise systems

This high-performance application is capable of transferring large volumes of data to any outside system via TCP/IP, eliminating the time and expense of redundant data entry. Optum Integration Manager can help you:

- Send outbound data quickly and efficiently
- Boost administrative efficiencies
- Collect and disseminate data to multiple systems in multiple formats

Improved efficiency

Optum Integration Manager collects data from specific applications within the GE Centricity Business practice management suite and disseminates the data gathered to multiple systems in multiple formats. This helps organizations achieve economies, both financially and through reduced system utilization.

Flexible application

Because the system is designed to be modular and highly flexible, clients are able to expand their data collection and interface with multiple systems through one central Optum Integration Manager.

OPTUMInsight™

Ingenix is now OptumInsight™, part of Optum™—a leading health services business.

Software functionality

Optum Integration Manager provides a rapid and customizable means of feeding an Interface Engine or multiple third party systems with data from the GE Cache environment. The modular design of the Integration Manager includes Collectors, Communicators, Formats, Threads, Rule Banks, and the Process Monitor. With this modular design, the data set the interface passes can be expanded to include additional types of data.

Collector

The function of the Collector is to read for triggers from the practice management system's respective audit trails, then to collect data directly from the storage globals, format the data into the record layout required by the receiving system (e.g., HL7 segments), and place the data packets on the respective outgoing queue. Data is collected based on selection criteria, trigger events, and desired data transmission time. Each collector is its own background process, running independently of the other collectors, so each collector can be stopped and started independently of the other collectors.

Communicator

The function of the Communicator is to pass data placed on the respective outgoing queue to the respective receiving system. Each communicator is its own background process, running independently of the other communicators, so each communicator can be stopped and started independently of the other communicators.

Format tool

The format tool is a user interface for setting up and modifying the format of the interface records. The formatter uses the table column references for mapping data to each field in the record. It also allows for custom coding to manipulate the format of the data and executable logic for fields not set up as base columns.

Thread

The Thread is what ties the collector, communicator, and format together. It identifies which collectors will send data to which communicators and using which format and rule bank. For example, the thread would allow a client to be able to send scheduling data to two different receiving systems from a single scheduling collector. This means there would only be one background collector process searching the scheduling audit trail. Two threads would then be configured to send the scheduling data to each of the two receiving systems, eliminating the need for two scheduling collectors.

Rule bank

The Rule Bank uses the table columns to filter messages and is a subset of the thread configuration. For each thread, the rule bank can be set up to filter which messages are sent to the receiving system.

Quick, efficient communication to third party systems.

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