

# 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 users to manage standard data fields and formats and determine where to send messages. Monitoring and troubleshooting features let users check activity and data integrity as the system runs in the background.

## **Integrates athenaIDX™ practice management data with other enterprise systems**

This high-performance application is capable of transferring large volumes of data to any outside system using Transmission Control Protocol/Internet Protocol (TCP/IP), eliminating the time and expense of redundant data entry.

Optum Integration Manager can help you:

- Send outbound data quickly and efficiently
- Collect and disseminate data to multiple systems in multiple formats
- Integrate agile development and operations
- Track successful systems migrations
- Boost administrative efficiencies

## **Improved efficiency**

Optum Integration Manager collects data from specific applications within the athenaIDX™ practice management suite and disseminates the data 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.



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

## 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 athenaIDX Caché environment. The system's modular design includes collectors, communicators, formats, threads, rule banks and process monitor. The modular design allows datasets included within the interface to be expanded to include additional types of data.

### Collector

The collector reads for triggers from the practice management system's respective audit trails, then collects data directly from the storage globals, formats it into the record layout required by the receiving system (for example, HL7 segments), and places the data packets on the respective outgoing queue. Data are 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 communicator passes 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 collector, communicator and format tools together. It identifies which collectors will send data to other communicators, 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.

### Process Monitor

The Process Monitor is a simple to use, centralized, real-time dashboard which displays the status and key performance indicators of each collector and communicator currently active on the host system.

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11000 Optum Circle, Eden Prairie, MN 55344

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communication to  
third-party systems.**

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