

# IDSentry™

## Accurate Detection of Duplicate Records 24/7

Modern-day EHRs continue to produce duplicate records at rates that range between 8% and 12%. For healthcare organizations, this error rate will produce thousands—even hundreds of thousands—of inaccurate records, leading to:

- Lower reimbursements
- Increased claims denials
- Erroneous documentation to patient records
- Physician and patient dissatisfaction.

Knowing the ongoing risks and implications to patient care and the revenue cycle—plus the focus on interoperability—a solution was critically needed.

While EHRs are incredibly powerful at managing overall patient populations, many utilize strict matching rules on only a handful of demographic data fields. Some also leverage rudimentary “fuzzy logic” algorithms that fail when multiple data discrepancies arise.

Robust enterprise master patient index systems (EMPIs) do a credible job of reducing medical record duplicates. But because EMPIs solve multiple problems beyond duplicate record identification, there are times when these systems are the proverbial “sledgehammer used on a tack.”

### What IDSentry™ Delivers Everyday:

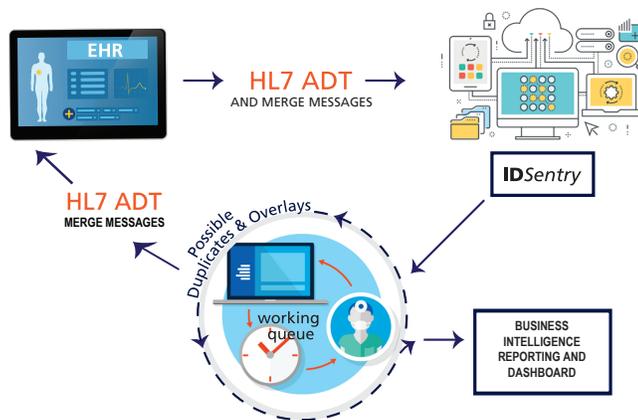
Considerably improved duplicate detecting accuracy over an EHR's basic and intermediate algorithms

A predictable, cost-effective solution to the very costly duplicate problem

Easier implementation, training and use over a full-function EMPI



**Just Associates provides services that decrease data integrity issues and minimize the ongoing costs of maintaining patient data quality. We focus on helping healthcare organizations identify and resolve these issues and ensure accurate patient matching.**



## A simpler, more cost-effective solution

ID Sentry™ is a focused patient-matching algorithm designed specifically to identify possible duplicate medical records in EHR systems that use basic or intermediate fuzzy-matching techniques.

### Delivered as a Subscription Service, ID Sentry delivers real results:

- Identifies more “real” duplicates than EHRs that use only basic or intermediate patient matching algorithms.
- Provides Health Information Management teams with a quality workflow component, based on Just Associates' extensive knowledge of identifying and remediating potential duplicate medical records.
- Delivers Business Intelligence reporting and a dashboard containing key MPI management metrics.

ID Sentry leverages a powerful, advanced algorithm that identifies duplicates when multiple discrepancies exist across patient names, addresses, birthdates, Social Security Numbers, gender and many other demographic data fields.

Even more compelling is the cost/benefit ratio. Since ID Sentry is delivered as a subscription service, costs are predictable, affordable and much lower than a full-functioning EMPI. For most healthcare organizations, the total cost of implementation, support and use of ID Sentry is significantly offset by reduced overall organizational costs of repeated patient testing, emergency room delays and claims denials that can add up to hundreds of thousands of dollars per year.

Coupled with Just Associates' IDManage® ongoing MPI management solution for full and ongoing duplicate resolution, your healthcare organization will realize a true, comprehensive and affordable data integrity solution.

## How It Works

An interface is created between your source system and ID Sentry with the purpose of conveying new, updated, and merged patient registration and demographic data – i.e., Personal Identifiable Information (PII.) The PII is interfaced through HL7 messages sent from your system to ID Sentry to create a mirror-image of your patient demographic records. Without storing visit or encounter-level data, the ID Sentry database utilizes previous name, birthdate, Social Security Number, address, phone number and other demographic data fields for advanced duplicate record detection.

An HL7 merge message can also be sent from ID Sentry to your source system to merge confirmed duplicate medical records.

The application consists of four (4) distinct components: Processing Engine, Database, Workflow and Dashboard. These components are installed on a designated server within your secure data center.

ID Sentry's online MPI workflow component facilitates easy duplicate pair review/reconciliation. An automatic merge criteria is defined to lessen resource requirements needed and allows key staff to focus on business-critical initiatives.

The Business Intelligence reporting and dashboard provide HIM leaders and teams with tools and key MPI management metrics needed to remediate potential duplicate records and reduce MPI errors.

**For more information or to schedule a demonstration, contact:**

[IDSentry@justassociates.com](mailto:IDSentry@justassociates.com)