



Enterprise Master Patient Index (EMPI)

DELIVERING BETTER, MORE EFFICIENT CARE WITH A LONGITUDINAL PATIENT RECORD ACROSS THE ENTERPRISE

Challenge:

Fragmented data and duplicate patient records spread across systems leads to costly, inefficient care that negatively impacts operational and financial outcomes and puts patient safety at risk.

Solution:

NextGate's market-leading EMPI enables cross-platform interoperability and serves as a single source of truth in patient identification, resulting in significant clinical, financial and operational efficiencies.

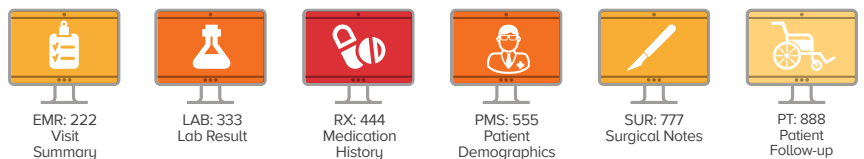
What is an EMPI?

An EMPI is an enterprise-wide solution that enables healthcare organizations to uniquely match records across disparate systems into a single, longitudinal view of patients for real-time data exchange, enhanced clinical decision-making and care collaboration, and a better patient experience.

The interoperability gains of an effective EMPI can help your organization realize significant operational and financial efficiencies, including

- ▶ Automate the duplicate record clean-up process
- ▶ Streamline patient registration
- ▶ Decrease the number of duplicate diagnostic and lab procedures
- ▶ Reduce denied medical claims and other financial delays
- ▶ Enhance support for patient portals

ENTERPRISE UNIQUE ID SERVES AS A LINK TO A PATIENT'S RECORDS IN ANY SYSTEM:



DID YOU KNOW?

➔ For a population of 200,000 active patients...

DUPLICATE RATE	7.5%	10%	15%
NUMBER OF DUPLICATES	15,000	20,000	30,000
NUMBER OF RECORDS TO RESOLVE TO REACH 5% RATE	5,000	10,000	20,000
COST TO RESOLVE AT \$20 EACH	\$100K	\$200K	\$400K
COST TO RESOLVE AT \$300 EACH	\$1.5M	\$3.0M	\$6.0M

Average cost according to RAND Corporation study

How It Works

Built on the MatchMetrix® master identity platform, NextGate's market-leading EMPI creates a single, centralized and reliable index of a patient's health information. It examines patient records from other systems across your enterprise, links related records together under an Enterprise Unique Identifier (EUID), and creates a Single Best Record entry.


Using the EUID as a key, personnel and applications can find, exchange and view data on the same patient, in the original context.

The NextGate EMPI uses both probabilistic and deterministic matching algorithms to account for slight variations in data content, increasing the likelihood of finding a match.

EUID: 100100

Sean Patrick Ryan
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DOB: 05/03/1969
SSN: 444-55-6666
Ins: Blue Cross

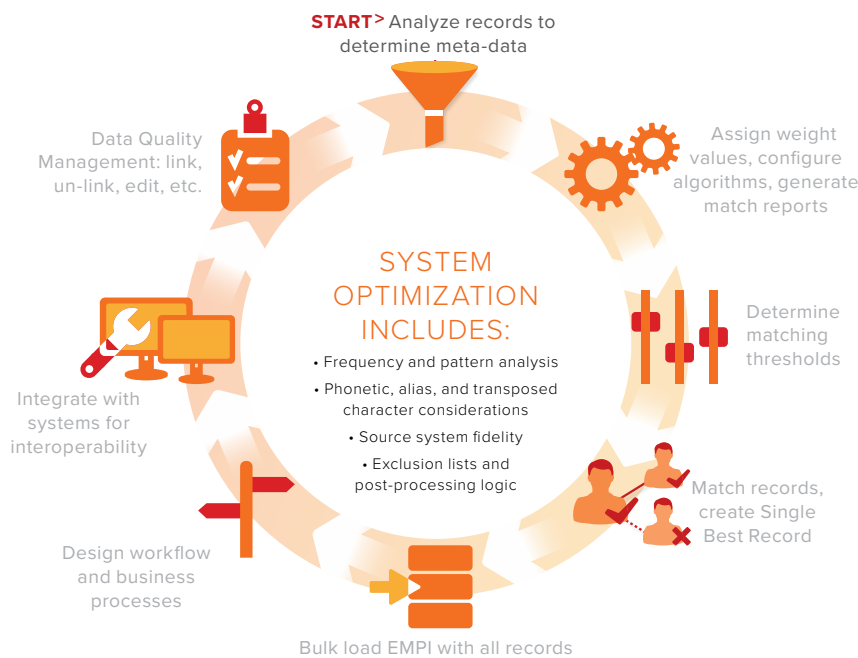
EMR: 222 Visit Summary
LAB: 333 Lab Result
RX: 444 Medication History
PMS: 555 Patient Demographics
SUR: 777 Surgical Notes
PT: 888 Patient Follow-up



With more than 20 years of experience in the industry, our patient matching algorithms and methods for data analysis have the added benefit of being fine-tuned over time.

Integration Is Easy

Nobody knows our market-leading EMPI like we do. During the implementation phase, our team of experts collaborate with you to understand your requirements and goals, and then follow our proven implementation methodology to build end-to-end solutions. Our vendor neutral solution can integrate with all applications across your enterprise from IHE supported frameworks to custom solutions.



Organizations can access the most comprehensive record of care and perform reliable data exchange by implementing our portfolio of enterprise identity matching solutions. Our EMPI, Provider Registry and Relation Registry connect patient and provider data across multiple disparate systems, sources and locations.

Our EMPI is available as both an on-premise software installation as well as a cloud-based Software as a Service (SaaS) solution. Our quick to deploy fully-managed SaaS offering includes 24x7x365 monitoring, expert support, and continual system optimization – including upgrades—all of which can help lower your total cost of ownership.

ABOUT **NEXTGATE**

NextGate is the leading provider of identity matching solutions that connect the healthcare ecosystem to help organizations promote interoperability and overcome the clinical, operational and financial challenges that result from duplicate records and siloed systems enabling seamless data exchange, enhanced clinical decision-making and value-driven care. **For more information, visit www.NextGate.com.**

CUSTOMER SUCCESS STORY:

The San Mateo County Health System (SMCHS)

Challenge:

SMCHS sought a data governance strategy to manage the massive amounts of data within their four EHR systems and two case management systems.

Solution:

SMCHS implemented NextGate's market-leading EMPI to provide and maintain a unique global identifier (EUID) for each patient who receives services from any entity, making it possible to link together all records associated with the same patient.

SMCHS used our EMPI as a pillar for their data governance strategy to manage data across their enterprise to:

- Eliminate duplicate patient records
- Invest in a health information exchange (HIE)
- Leverage social determinants of health data from county departments to aid in care planning