IBM® Initiate® Patient Master Person Index (MPI) for eHealth
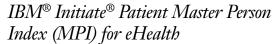
Enable Effective eHealth Initiatives

Why IBM for Global eHealth?

- Include the most proven Master Person Index (MPI) in your eHealth architecture

- Create a virtual patient record for use by clinical information systems, portals and patient/member administration systems

- Deploy a MPI solution quickly to demonstrate results in months, not years

- Benefit from the domain and subject-matter expertise of healthcare implementations of all types

A master person index[1] (MPI) that links information about an individual across disparate source systems to create a single, accurate, real-time virtual patient record is widely accepted as a requirement for successful eHealth initiatives. IBM's industry-leading MPI, IBM® Initiate® Patient®, accurately identifies and links same patient records across disparate systems. IBM® Initiate® Provider®, also an MPI, relies on the same core technology to support a single accurate view of providers. Together these solutions can create a connected view of the patient and their care team to help coordinate care and facilitate population health.

Today many health insurers, health providers and ministries of health are implementing eHealth architectures to facilitate electronic medical records, telemedicine, and image and results sharing among a variety of participants including hospitals, physicians and labs.

In developing an eHealth architecture, it is important to plan for future information requirements. In the future, the information flowing through this eHealth infrastructure may be tasked with supporting broader initiatives like social services, fraud detection, disease and immunization registries, and e-prescribing. As information sharing needs evolve, it is important to have an MPI that is proven to integrate with legacy and new systems while supporting accurate identification of multiple entities including: patients, providers, members and citizens.

Build a Sustainable eHealth Architecture with a Proven MPI

A master person index serves a critical and foundational role in any eHealth architecture: improved data quality and accurate person identification. Data quality, consistency and reliability vary widely across applications, presenting a series of unknowns every time a new source of data is added – unknowns which can undermine the performance, value and even the sustainability of the eHealth initiative.

The MPI solution that is chosen must leverage current and historical data values, offer data quality tools, be extensible and be highly

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[1]*MPI may also be referred to as enterprise master person index, patient registry, client registry or record locator service*

accurate. It must be easily deployed with minimal disruption to existing legacy systems, and operate against large amounts of broadly distributed data to deliver services to widely disbursed constituencies. It must also facilitate patient privacy and data security policies for sharing sensitive information.

Why IBM?

Interoperable, Standards-Based Technology

IBM® Initiate® MPI solutions are built with a Web Services integration methodology and industry standards including HL7 and IHE. The solutions are software independent, which enables a plug-and-play eHealth architecture that can grow over time and integrate with other regions, providers or federal entities.

Flexible Data Governance

IBM Initiate MPI solutions address the common challenges of data governance and ownership with adaptable data models (federated, centralized or hybrid) that meet the needs of stakeholders concerned with sharing sensitive data. IBM offers a collaborative data stewardship tool to allow individual participants to proactively manage their own data quality.

The Most Trusted MPI Technology

IBM Initiate MPI technology is in use in 8 of 10 Canadian provinces as the client registry, and in two provinces as the provider registry. The solution will be implemented as part of Singapore's National Electronic Health Record and is the client registry in a large United Kingdom National Health Service. Additionally, it is used in six of the national health information network (NHIN) II and all four of the NHIN I demonstrations in the U.S., and is in use by 77 integrated delivery networks and 41 health information exchanges. IBM enables claims processing for large private payers, which is a key component of the U.S. national ePrescribing network and is also used by large military healthcare services.

Extensible Solution, Ongoing ROI

eHealth is a journey, not a short term endeavor. IBM Initiate Master Person Index technology can be used to manage all types of people and organizations, and can also provide record locator services. Entity types include patients, providers, health plan members, citizens and people subscribing to social services. The open and standards-based integration allows ongoing return on investment and growth over time to support broader initiatives such as chronic disease management,

provider management or connected social services.

Proven Experience and Easy to Work With
IBM® Initiate® MPI solutions are backed by a highly experienced team of implementation consultants and support specialists with decades of real world experience in healthcare installations of all types.

About IBM MDM
IBM Initiate MPI solutions are part of the IBM InfoSphere Master Data Management (MDM) portfolio, which delivers a single, unified, trusted version of truth about an organization's critical entities – patient, provider, customer, citizen, supplier, product, organization, and more. Armed with this single, trusted view, organizations can make better decisions and improve business outcomes – higher revenue, better customer or citizen satisfaction, improved patient care, lower cost and risk. With IBM MDM, organizations can understand their core master data (customers, patients, products, etc.) at all touch points, improve cross and up-sell, optimize the value of ERP, CRM, analytics and warehouse systems, support governance initiatives and make business processes more effective.

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