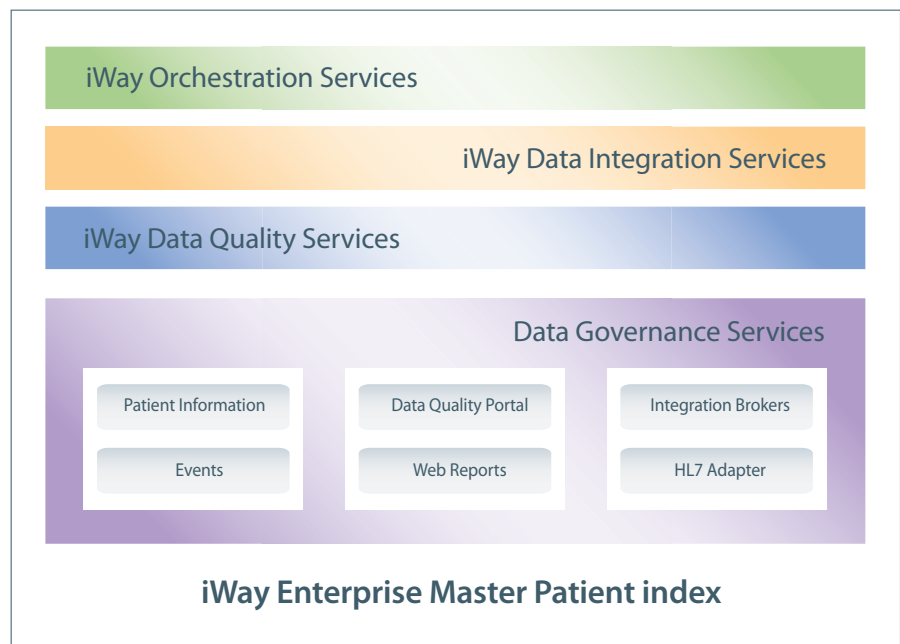


Information Builders' WebFOCUS business intelligence and iWay Software integration technologies provide an end-to-end information management strategy, combining performance management, data governance, business intelligence, and analytics to help organizations make smarter decisions.

iWay Enterprise Master Patient Index



iWay Software's Enterprise Master Patient Index (EMPI) creates a fully integrated delivery network for patient information across a wide array of disparate systems for patient registration, scheduling, clinical management, laboratory reporting, and more. Built on a robust foundation that includes the iWay Enterprise Information Management (EIM) Suite, this comprehensive repository makes it easier and more cost-effective to track and coordinate critical medical information across multiple boundaries and jurisdictions, including patient electronic health records (EHRs), immunizations, physicians and care providers, quality reporting indicators, prescriptions, laboratories, and electronic lab orders.

With the iWay EMPI, organizations in the healthcare industry can comply with the U.S. federal government's directive to create an interoperable health information technology infrastructure, and enable fast, secure, reliable exchange of electronic medical records across all levels of the healthcare landscape. As a result, they can:

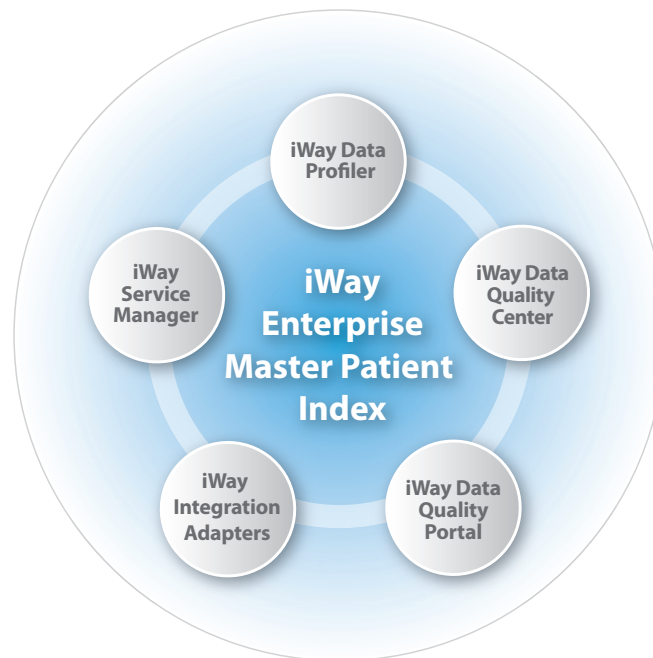
- Leverage accurate, timely insight to make better, evidence-based clinical decisions for diagnosis and treatment
- Decrease the costs of medical errors, inefficient care processes, or inappropriate treatments

- Enhance the coordination between hospitals, laboratories, private practice offices, and other ambulatory care providers through rapid, secure information exchange
- Promote competition and choice by making cost, quality, and outcome data available to the public
- Preserve the security and integrity of individually identifiable health records, and make it accessible to patients for non-medical purposes

Key Components

The iWay EMPI delivers a comprehensive framework for the handling, storage, access, and sharing of patient data and related medical information. It includes:

- A central website
- Healthcare information translation tools
- A master patient index (MPI)
- A record locator service with intuitive search and identification capabilities
- A powerful authentication and authorization infrastructure
- Applications to aggregate information from multiple sources
- Secure messaging
- High capacity and ad hoc file transfers



EMPI combines several of iWay's powerful, state-of-the-art enterprise and information management solutions to create an environment that enables unhindered exchange of health information that is complete and correct. These components include:

iWay Data Profiler – Combining robust data quality capabilities with advanced business intelligence, the iWay Data Profiler helps healthcare organizations determine the characteristics and attributes of their enterprise information. Data can be viewed, monitored, compared, and reported on for unhindered insight into uniqueness, frequency, masks, relationships, and other statistics.

iWay Data Quality Center – With a vast array of functionality – such as matching, de-duplication, linking/householding, and merging – the iWay Data Quality Center (DQC) preserves the integrity of patient information, and other related data. Unlike other data quality tools, which simply locate and cleanse corrupt or invalid information that already exists, iWay DQC takes a proactive approach to data quality management, using pre-defined business rules and localized dictionaries to stop bad information before it enters the environment.

As part of the iWay Enterprise Master Patient Index, iWay DQC can be used to ensure consistency and integrity across any set of mission-critical data elements, including:

- Enterprise identification numbers, which are used to identify patients across multiple care facilities
- Facility identifiers or facility codes
- Internal patient identification, which uses a medical record number to identify the patient at admission
- Patient details, such as name, data of birth, gender, race, ethnicity, residence, alias or maiden name, social security number, and phone number

iWay Data Quality Portal – With state-of-the-art data governance that complements our data quality management capabilities, the iWay Data Quality Portal provides end-to-end support for the location and cleansing of corrupt or invalid data. With the iWay Data Quality Portal, healthcare organizations can track data quality issues from start to finish, ensuring that corrections, related workflows, and approvals are handled in the most prompt and effective fashion.

DQ Issue Tracker
 Home | My Issues | All Issues | Logout
 Navigation: Home > Issues > For resolution

Filter

Severity: <any>
 System: <any>
 Entity: <any>

Score: Between [] and []
 Number of records: Between [] and []
 Assignee: <any>
 Author: <any>

Clear filter View >>

Actions: Bulk assign | Bulk transition

For resolution For supervisor Reopened For approval Approved Closed

ID	Sev.	System	Entity	Score	#Rec.	Data	Problem	Assignee	Changed
2	ⓘ	MPI	PATIENT	93	2	8	Manual merge	DQC	2010-05-02 10:33:43
3	ⓘ	MPI	PATIENT	93	3	25	Manual merge	DQC	2010-05-02 10:33:43
4	⚠	MPI	PATIENT	65	2	15	Manual merge	DQC	2010-05-02 10:33:43
5	ⓘ	MPI	PATIENT	73	2	17	Manual merge	DQC	2010-05-02 10:33:43
6	ⓘ	MPI	PATIENT	75	3	10	Manual merge	DQC	2010-05-02 10:33:43
7	ⓘ	MPI	PATIENT	80	2	6	Manual merge	DQC	2010-05-02 10:33:44
8	⚠	MPI	PATIENT	65	2	13	Manual merge	DQC	2010-05-02 10:33:44
9	ⓘ	MPI	PATIENT	95	3	1	Manual merge	DQC	2010-05-02 10:33:44
10	ⓧ	MPI	PATIENT	5	2	28	Manual merge	DQC	2010-05-02 10:33:44
11	ⓧ	MPI	PATIENT	5	2	32	Manual merge	DQC	2010-05-02 10:33:44
12	ⓧ	MPI	PATIENT	30	3	37	Manual merge	DQC	2010-05-02 10:33:44
13	ⓧ	MPI	PATIENT	10	3	34	Manual merge	DQC	2010-05-02 10:33:44
14	ⓘ	MPI	PATIENT	100	2	30	Manual merge	DQC	2010-05-02 10:33:44
15	ⓧ	MPI	PATIENT	10	2	19	Manual merge	DQC	2010-05-02 10:33:45

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Find Out More

To find out how our solutions can help your company succeed, talk to an Information Builders representative today.

Contact your local Information Builders office, visit us at

informationbuilders.com,

or in the U.S. and Canada,

call **(800) 969-4636.**

iWay Integration Adapters – This market-leading suite of pre-packaged integration components facilitates the creation of a centralized repository/directory of patient and provider information by rapidly collecting data from virtually any source, on any platform – with no custom coding required. Data can be gathered in a wide range of standardized formats, such as HL7 v3, ANSI X12, CDA, ICD10 code sets, or LOINC code sets, from a variety of popular systems including Vista, EPIC, QCPR, and Meditech.

iWay Service Manager – A unique Enterprise Service Bus (ESB) that enables the creation, composition, and management of both web services and services invoked through alternate interfaces, the iWay Service Manager also provides:

- Secure multi-channel integration that enables secure messaging, file transfers, and web services with HL7, HIPAA, EDI, and other message formats
- The ability to support multiple channels, including managed file transfer, ad hoc file transfer, AS2, and HTTPS
- A web-based trading partner manager that allows for the definition of all internal and external entities within the EMPI, as well as the various relationships between them
- Dynamic business activity monitoring, for end-to-end tracking of transactions and workflows across multiple applications and business units, as well as the display and assessment of trading partner metrics

A Track Record of Success

iWay solutions are in use at healthcare organizations across the U.S. and Europe. Private physicians, public care facilities, and others rely on iWay Software for master patient indexing, EMR integration, and more.