Omni-HealthData
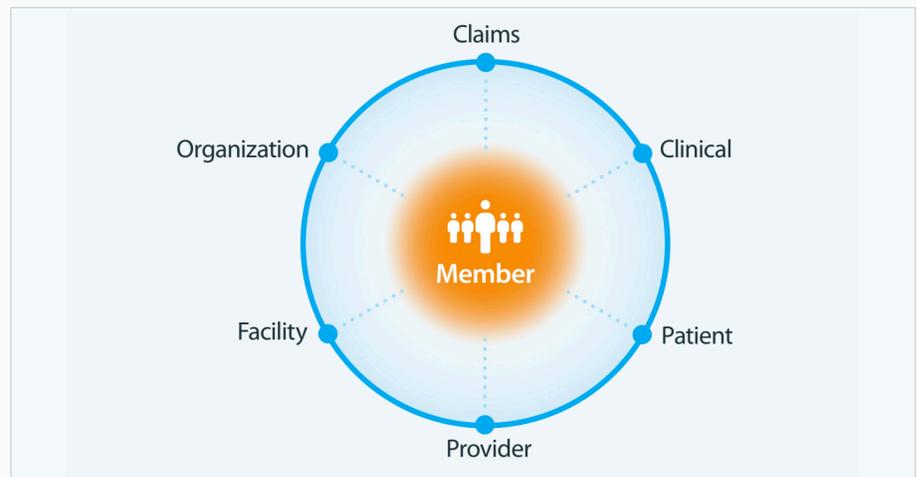
Omni-HealthData Provider Edition™

Information Management for Health Providers

Highlights

- Identify Top Box improvement opportunities
- Re-create the HCAHPS Survey with specific patient response data
- Improve HCAHPS scores and Star ratings
- Monitor and highlight patient satisfaction
- Correlate staffing levels with patient experience
- Drill down to detailed survey data

Omni-HealthData Provider Edition is an information management solution that gives providers a 360-degree view of patient, provider, facility, and other critical healthcare domains.

Information Builders helps organizations transform data into business value. Our business intelligence, integration, and data integrity solutions enable smarter decision-making, strengthen customer relationships, improve performance, and drive growth.

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Market changes, such as value-based reimbursement, have created the need for greater clinical integration across the continuum of care. This, in turn, has increased the urgency of improving information management and getting better, more accessible data.

Trusted and timely data is essential to the delivery of value-based care. From an IT perspective, this means that providers need to ensure that internal systems can seamlessly integrate and cleanse data. From a business perspective, it means that comprehensive healthcare information should be shared reliably among care teams to ensure a more efficient healthcare ecosystem.

The challenge lies with mountains of data coming in a lot of formats from a lot of places. It must be harmonized across a wide range of systems and subjects, so providers can support comprehensive care management – using data that wasn't originally intended to be integrated.

Omni-HealthData Provider EditionTM from Information Builders is an information management solution that does all of this by delivering a 360-degree view of the entire patient journey.

The application:
- Integrates data across a wide range of systems, including electronic medical record (EMR) applications, human resources and financial solutions, and external data
- Provides a multi-level data repository, with mastered subjects, transactional subjects, and a healthcare data warehouse, enabling a single point of reference for the complete clinical history of all patients seen by the health system
- Facilitates broad-reaching data governance
- Ensures effective information distribution to meet proprietary departmental requirements, as well as enterprise needs for health information
- Enables the generation of clinical analytics for patient safety and quality of care, and creates measures for business volumes and outcomes
- Provides a unified view of the patient journey across the patient care continuum to enable proactive care planning and coordination
- Creates a consistent, complete view of enterprise health information

Omni-HealthData Provider Edition is a single application that simplifies complex data integration, promotes data quality, and facilitates ongoing data governance to ensure sustainability. With Omni-HealthData Provider Edition, providers can achieve a timely, trusted view of patient information across the continuum of care to support strategic business initiatives.

Omni-HealthData Provider Edition Goes Beyond EMR
Unlike an EMR, Omni-HealthData Provider Edition's content is driven by consumption needs, such as a health enterprise warehouse, business intelligence (BI), analytics, and downstream applications. Omni-HealthData Provider Edition is not designed to model everything EMR systems can contain. On the other hand, it consumes data from sources beyond the EMR, such as financial information, human resources data, externally-fed data such as U.S. Census and Death Index details, etc.
By providing data governance and consistency across EMRs and other applications and systems, Omni-HealthData Provider Edition empowers providers to operate in a more agile fashion, rapidly responding to new opportunities and competitive threats, or shifting strategies as needs change.

Why Omni-HealthData Payer Edition?
Improves Patient Outcomes
With a complete view of every member, patient, provider, and so on, health insurance companies can get a more holistic view of members than even their providers will see.

Helps Manage Chronic Care Patients
According to the Agency for Healthcare Research & Quality (AHRQ), nearly one-third of Americans have two or more chronic conditions, and individuals with chronic diseases drive more than 75 percent of healthcare costs.[1] Track the entire patient journey for people with chronic conditions, simultaneously optimizing outcomes and financials.

Identifies Gaps in Care
Omni-HealthData Payer Edition helps health insurers to identify gaps in patient care across providers, and to give providers advice on how to close those gaps.

1 Gerteis, Jessie; Izrael, David; Deitz, Deborah; LeRoy, Lisa; Ricciardi, Richard; Miller, Therese; Basu, Jayasree. "Multiple Chronic Conditions Chartbook," Agency for Healthcare Research and Quality, April 2014.

Supports Coordination of Care

Omni-HealthData Payer Edition promotes coordination of care activities among all providers by delivering a single version of the truth about shared patients.

Enables Analysis of Outcomes Across Providers and Facilities

Omni-HealthData Payer Edition helps users compare outcomes for different diagnoses and treatments across multiple patients, providers, and facilities, enabling them to identify best practices and promote improvements for providers and patients alike.

Facilitates Clinical Data Exchange

Timely, accurate, and complete clinical and patient/member information can be openly shared between payers and providers. This provides a comprehensive view of patient histories, regardless of where care took place, improving transparency and collaboration to improve outcomes and lower costs.

Manages Patient Encounters and Enables a Single Set of Codes

A dynamic rules engine automates the management of tests, behaviors, and other activities involved in patient encounters. A set of out-of-the box codes eliminates "code chaos" and resolves multiple definitions, enforcing standardized codes for all commonly used enterprise attributes such as gender, patient type, and patient status.

Accelerates Time-to-Value With Seven Pre-Built Business Domains

Omni-HealthData Payer Edition organizes all data into seven business domains, including five that contain mastered subjects with "golden records" (member, patient, provider, facility, and organization) and two that contain transactional subjects related to the mastered subjects (claims and clinical). It includes predefined data quality rules, match/ merge rules, process rules, consumption rules, and remediation rules for each domain.

Provides Historical Snapshots and Traceability

Historical snapshots of inbound data ("instance records") and the golden records that result from the mastered subjects are offered. This complete audit trail allows users to analyze what a golden record or an instance record may have looked like at any moment in time.

Provides a Business-Centric Approach to Clinical On-Boarding

Omni-HealthData Payer Edition facilitates the discovery of source data for the seven included domains. Integration services bring together information from clinical, financial, and other internal systems with external clinical data from providers, to support quality measures such as CMS STAR, ACO, and HEDIS.

Improves Service-to-Software Ratio

Omni-HealthData Payer Edition eliminates the need to create data mastering applications from scratch. Any needed customizations can be implemented quickly, with a lower software-to-service ratio than typical business application implementations.

Enables Proactive Data Stewardship

To manage situations in which data rules need to be verified or executed by people, a Remediation Portal enables data stewards to investigate and react appropriately.

Subjects and Domains

Mastered subjects and transactional subjects are organized into business domains. Each business domain may contain one or more subjects. Mastered subjects represent business entities (member, patient, provider, facility, or organization). Transactional subjects represent claims or clinical events related to one or more mastered subjects.

Mastered subjects provide an accurate, integrated view of a domain; transactional subjects offer a 360° view of a member and his or her history across domains.

Omni-HealthData Payer Edition Domains

Clinical – Includes a set of transactional subjects that cover patient care, such as diagnoses, encounters, episodes, and care plans. This domain enables analysis of clinical events, patient movement, and diagnosis, and provides details on orders and procedures.

Claim – Includes transactional claim-related data related to healthcare services coding. This domain shows financial histories related to clinical, patient, and other domains.

Member – Contains mastered data specifying the member's relationship with the payer, including attributes related to demographics and plan information. This information may be used for marketing purposes when it is related to information in the patient domain.

Patient – Contains mastered data for a patient, including attributes such as clinical disposition, habits, allergies, and demographic data. This information, when combined with the clinical domain, can provide a 360° view of the treatments and outcomes.

Provider – Contains mastered data related to providers, who can be physicians or other care-givers, and includes attributes such as contact information and credentials. This domain can help users identify successful providers and those who need additional guidance.

Facility – Includes mastered data to describe where patient care was delivered and in what setting it took place, including inpatient, ambulatory, outpatient, home, and other locations. This information can help a payer uncover any abnormalities or gaps in care for a particular member, or identify issues at specific facilities or facility types.

Organization – Contains mastered data about an organization, including attributes such as contact information, identifiers, and relationships. The information in this domain enables the payer to map a complete organizational hierarchy.

Learn More About Omni-HealthData Payer Edition

To find out more about Omni-HealthData Payer Edition, call us at (800) 969-INFO.

Find Out More

We can help you succeed. Talk to your local Information Builders representative to learn how. Visit us at **informationbuilders.com**, e-mail **askinfo@informationbuilders.com**, or call **(800) 969-4636** in the U.S. and Canada. To improve your skills, visit **education.ibi.com**.