

The IMAT Payer Solution offers Technology and Services that help with the collection, aggregation, analysis, reporting and interoperability of all medical data.

With the Office of the National Coordinator for Health IT (ONC) and the Centers for Medicare & Medicaid Services (CMS) interoperability deadlines going into effect in early 2021, health payers will need to provide members with access to their claims and clinical data using new programming interface (API) standards.

The IMAT Payer Solution provides payers with the tools to improve STARS ratings, increase HEDIS accuracy, as well as identify and manage risk within populations.

IMAT delivers functionality that allows payers to push Gaps in Care, as well as healthcare guidance and alerts, to the provider desktop within the EHR workflow.



FHIR RESOURCES AND INTEROPERABILITY

- ◉ Clinical data is available in FHIR format to meet the new 21st Century Cures Act.
- ◉ All health records are processed and FHIR resources are created, the original record and the FHIR resources are indexed, allowing payers to ingest and aggregate data from all of their existing solutions and external data sources.
- ◉ IMAT also provides FHIR libraries that generate FHIR resources using content from any incoming records, these are added to the CXML and indexed.
- ◉ The IMAT Master Patient Index (MPI) is based on FHIR
- ◉ FHIR API and IMAT rest-based APIs are available for data requests and responses.

DATA TRANSFORMATION

- ◉ IMAT can produce NIST standard CCDA records on demand using all available patient data.
- ◉ IMAT generates data extracts in any required industry format regardless of original format or source, including FHIR.

MASTER PATIENT INDEX (MPI)

- ◉ The IMAT MPI performs rules-based deterministic matching and probabilistic analysis, and is in production with clients that range from 500k to over 8 million patients.
- ◉ IMAT MPI resolves multiple births, fictitious names and records that do not contain enough demographic data.
- ◉ IMAT MPI is based on FHIR schema with FHIR based APIs.



DATA INGESTION

- Incoming data is identified, normalized, validated and extracted into CXML containing both the original record and FHIR resources.
- For auditing purposes and validation of HEDIS and eCQM measures, payers are able to reconcile results with both the original and normalized data.
- Source records are never changed or modified.
- Primary Source Verification is provided from within the IMAT Data Foundation, so that manual chart reviews can be reduced by up to 80%.
- Having both the source record and normalized record, the availability of both source and normalized records increase the accuracy of measures and improve risk identification and management.
- Any text-based data such as Transcriptions, Discharge Summaries, Comments, and Notes can be processed through our Natural Language Processing (NLP) engine.
- Adding actionable data from text-based information increases the available data for risk management, provides Social Determinants of Health and adds to the accuracy of measures resulting in increased revenue and savings.
- The entire content of a record is reviewed and sensitive data (CFR) is tagged so access to this data can be managed.
- Data is immediately available and can be used by all existing and external solutions through rest-based API, no reprocessing or changes are required.
- As IMAT provides data validation and quality reports and tools as part of the solution, clients can build their own or modify existing reports using the IMAT Query builders.

ADDITIONAL ADVANTAGES

- The IMAT offering includes 100+ secure rest-based APIs for external applications to interact with the data foundation.
- IMAT logs every interaction with data and indexes the log files to support auditing.

ABOUT IMAT SOLUTIONS

IMAT Solutions is a disruptive medical data management and decision-support company created to address the complex and evolving needs of today's healthcare providers and practitioners. Our software processes millions of records daily to help tens of thousands of healthcare professionals and organizations provide the best possible care and support to millions of patients.

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