Smarter Data Migrations

AI/ML-assisted EHR data conversions

Healthcare providers rely on accurate information in electronic health record (EHR) systems so that medication data can trigger automatic safety alerts for potential allergy and drug interactions during prescribing and transitions of patient care.

However, that data can be compromised when migrating it from one EHR to another due to varying terminology, disparities in formulary service vendors, imperfect interoperability standards, and inconsistent use of national drug codes.

A strategic offering between Harmony Healthcare IT and health technology pioneer, DrFirst, makes data migrations smarter through artificial intelligence (AI) and machine learning (ML) to automate the process of migrating structured data between otherwise incompatible systems to inform clinical decision-making.

Powered by:

HEALTHDATA TRANSFORMER

Data Conversion Engine

DrFirst

Unite the Healthiverse™

Use Cases

- Transitioning from one EHR to another
- Centralizing data from disparate EHRs
- Standardizing data for interoperability
- Structuring data to support analytics

Features

- Makes source data cleaner and more accurate
- Maintains data integrity and clinical intent
- Addresses inconsistent National Drug Codes (NDCs)
- Reduces manual data entry

Benefits

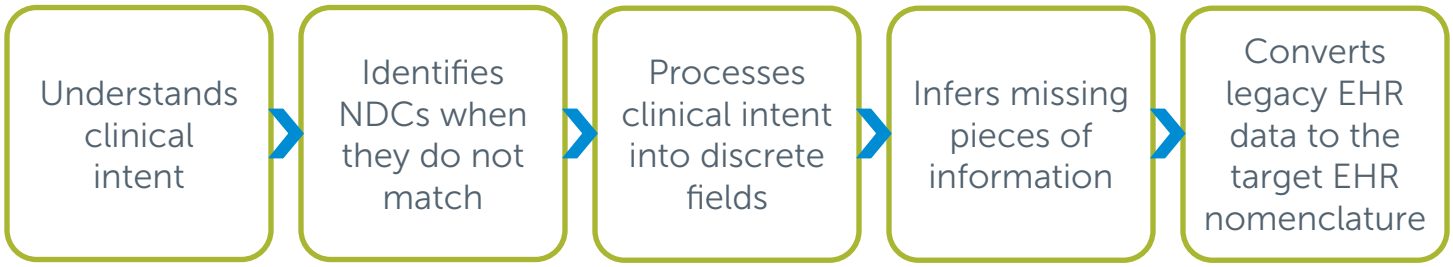
- Enhances EHR implementation and interoperability
- Improves operational efficiency
- Advances patient safety
- Increases physician satisfaction and reduces burnout

How Smarter Data Migrations Work

In completing its data conversion services, Harmony Healthcare IT leverages SmartProcessor℠ technology from DrFirst, which uses AI and ML to solve data fidelity and interoperability issues between various systems and formats, resulting in complete, clean, and consumable clinical data for the receiving system and its end users. The patented AI engine normalizes drug names and prescription instructions (known as "sigs") into consistent terms while processing "free text" so it prepopulates into discrete fields within the EHR.

Without this AI solution in place, clinical staff often spend hours gathering information to manually enter into their EHR. This contributes to burnout and staff retention issues, and can introduce keystroke errors, which can increase risk of adverse drug effects.

The AI Process



Results

50%
Reduction in manual data entry

50%
Reduction in clicks and keystrokes

30
Seconds saved per medication

Source: DrFiirst

Contact us to simplify your next EHR data conversion project.

harmony HEALTHCARE IT

KLAS CATEGORY LEADER DATA ARCHIVING 2020

BLACK BOOK 2022

Ph (800) 781-1044
Harmony Healthcare IT

www.HarmonyHIT.com

Making data secure, compliant, accessible and interoperable to strengthen care delivery and improve lives.

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