



Use this checklist to ensure your CDR can integrate and activate data from the full range of available sources and readies your organization for what's coming next...

HEALTH PLAN MUST-HAVE CHECKLIST:

Choose the Right Clinical Data Repository (CDR)

Ingestion

Connect every source

Healthcare data exists in different formats, lives in different places, and is transmitted in different ways. Your CDR must be able to ingest all of it, without custom engineering for every new connection.



Ingests wide range of data

- ☐ Different formats (e.g., HL7® FHIR®, bulk FHIR, HL7, CDA, XML, flat files)
- ☐ Different data types (e.g., clinical, claims, enrollment, SDOH)



Accepts data via protocol & modality senders prefer

- ☐ Transfer protocol (e.g., IHE, HL7, MLP)
- ☐ Transfer modality (e.g., push or pull, real-time or batch, single or bulk)



Evaluates ingested data

- ☐ Identifies missing elements
- ☐ Expands feeds to capture them

Transformation

Create trustworthy data

Having healthcare data in one place is not sufficient to advance data-driven care. Your CDR must accurately match disparate data to individual members and clean it to earn trust and support decision-making.



Parses ingested files into individual data elements



Indexes parsed data to individual members or patients



Deduplicates data



Harmonizes data in proprietary formats into canonical formats



Normalizes harmonized data into one universal format

Activation

Make data usable everywhere

Data only creates value if it can be readily accessed and used within existing workflows.



Provides a **single access point** to all member clinical data



Includes a healthcare-specific **extensible data model**



Stores data in **relational tables** needed to fuel analytics & AI apps



Supports no/low-code tools for authoring **business rules** & routing



Integrates with preferred **end-user interfaces**

Scale

Build one foundation for multiple applications

Closing care gaps, improving quality reporting, anticipating future care needs - the number of use cases for clinical data is spiraling upward. Your CDR must process ever-growing data volumes, while safeguarding highly sensitive patient information.



Wide bandwidth

No erosion in performance as volumes scale



Configurable security

- ☐ Consent management
- ☐ Identity and access management
- ☐ Auto-logs



High speed

Ingestion and output of usable data in near real-time

Put the Checklist into Practice

InterSystems HealthShare Unified Care Record® integrates and activates clinical data from across the healthcare ecosystem. **See how InterSystems HealthShare Unified Care Record® can support your health plan.**

