In the long-term, the EMPI serves as an authoritative source of person information.

Dashboard



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ENTERPRISE
MASTER
PERSON
INDEX



LEADING THROUGH CHANGE

USING EMPI ACROSS AGENCIES



2018 LeanCT

EMPI

What is an Enterprise Master Person Index?

- An EMPI is an identity matching solution that generates a single identifier or Golden Record that links the right person to the right data across systems
- The EMPI serves as an authoritative source of person information

How Does the EMPI Work?

 An EMPI links the right person to the right data. It cross references person identifiers from disparate systems and unites them under an Enterprise Unique Person Identifier (EUID). The EUID ensures that applications share the same data on the same person. It is the most trusted source of demographics and information.

How Does the Department of Social Services Use the EMPI?

- Correlates EUID's across Access Health CT and DSS
- Improves data quality, accuracy and consistency
- Prevents creation of duplicate records across systems
- Automates duplicate record cleanup
- Reduces operational costs
- Provides faster and more accurate person lookup

Potential Partnerships

- Office of Early Childhood (OEC)
- Department of Children and Families (DCF)
- Department of Developmental Services (DDS)
- Department of Correction (DOC)

What Is the Result?

- Saving Resources, Time and Money
- Using NextGate's EMPI, the Department of Social Services is able to work confidently knowing the person's record they are reviewing is accurate and up to date.

What is the Technology Behind the EMPI?

- Frequency Based Weighting
- Nearly 100 Probabilistic Algorithms to achieve the highest level of matching accuracy
- Data Analysis to determine metadata characteristics to identify duplicate and potentially duplicate records across existing data sets
- Normalization to standardize data (e.g., First Street and 1st St.)
- Integration to connect to external systems
- Workflow orchestrates EMPI activities such as record clean up, record merge approvals and data governance procedures



The Department of Social Services (DSS) is responsible for Health Information Technology (Health IT), including Health Information Exchange (HIE) for the State's Medicaid population. The DSS has made steady progress on implementing its roadmap for Health IT and HIE in Connecticut focusing on Medicaid beneficiaries. The DSS has aligned its strategic Health IT vision and goals with those of the Office of the National Coordinator for Health Information Technology (ONC) and the Centers for Medicare and Medicaid Services (CMS) by adopting a vision anchored in providing an integrated person-centered system facilitating, efficient and evidence-based health care delivery for all Connecticut residents.



