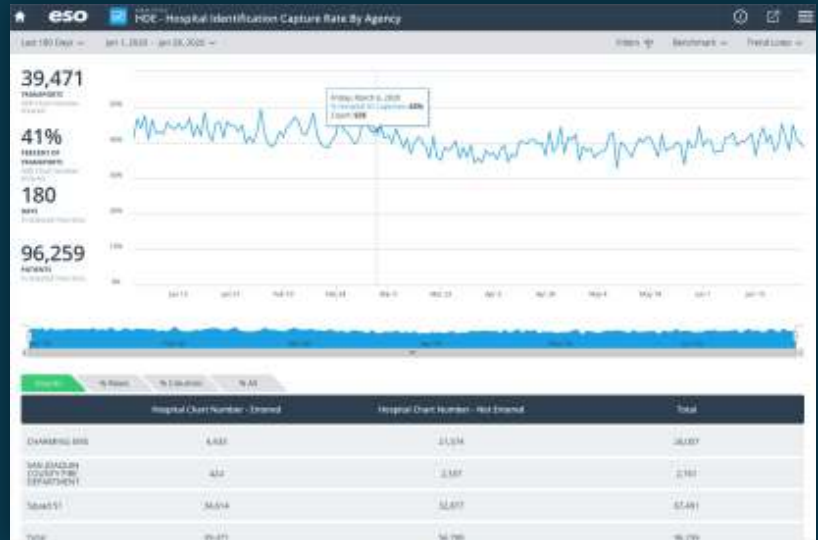


HEALTH DATA EXCHANGE



ESO Health Data Exchange (HDE) delivers bidirectional data sharing between EMS and receiving sites. True data interoperability is here. All secure, all auditable, and all in real time.



Made for:

HOSPITAL



FOSTER EMS PARTNERSHIPS.

Build a stronger partnership with EMS agencies by sharing outcome data to support education, quality reviews and research.



IMPROVE OUTCOMES.

Enable quality managers to bring together EMS and hospital system performance data, making it easier than ever to do system quality improvement — and study the entire care continuum.



SPECIALTY ACCREDITATION.

Rapid access to EMS data elements required for stroke, STEMI, Trauma, and other accreditations.



GAIN BUSINESS INTELLIGENCE.

Identify volume by service line and EMS agency and review referral patterns. Develop core metrics for reporting and extract trends over time to improve operations.



BEDSIDE DATA AVAILABLE FOR CLINICAL CARE.

Within minutes of EMS completing their patient care report, out-of-hospital data is available in the receiving medical record to assist clinicians caring for patients.

TRANSFORMING THE WAY EMS AND HOSPITALS EXCHANGE RECORDS

Now with more accurate patient record matching with the integration of Enterprise Master Patient Index (EMPI) technology.

Learn more about HDE at eso.com or call us today at 866-766-9471.

HDE and EMPI



ESO's Health Data Exchange (HDE) platform is transforming the way EMS and hospitals exchange records across the healthcare spectrum. We are excited to introduce automated patient record matching with the integration of Enterprise Master Patient Index (EMPI) technology.

Made for:

HOSPITAL



WHAT IS EMPI?

EMPI automates the process of matching hospital records to EMS encounters. It uses patient demographic information to match hospital and EMS patient data, even if the patient's hospital encounter number is missing in the EMS record.

IS EMPI SECURE?

EMPI does not use external data sources. All Protected Health Information (PHI) is housed securely within ESO's systems as always.

WHAT IS REQUIRED TO USE EMPI WITH HDE?

Hospitals must be able to transmit patient records to HDE upon patient registration.

HOW DOES EMPI WORK?

EMPI compares patient demographics captured by both EMS and the hospital to match the EMS encounter with the patient's hospital visit. If a match is found, HDE links the hospital visit to the EMS Electronic Health Record (aka "runsheet").

If a match is not found, there is no exchange of information. In this case, the hospital will use the Add/Edit Chart Number feature in Patient Tracker to associate the EMS encounter with a specific hospital visit.

HOW DOES EMPI ENHANCE HDE?

More EMS records are matched faster with less effort, specifically:

- **Maximized efficiency:** EMS does not need to capture the hospital's patient encounter number in their patient care record.
- **Time saved:** Automatically matching records reduces time spent reconciling missing EMS records in Patient Tracker.
- **Confirmed accuracy:** EMPI has been used to match more than 50 million records in various healthcare settings over the past 10 years. In our HDE-focused pilot, the first-pass match rate was over 95%, occurred in less than 120 seconds, and had a mismatch rate of < 0.0005%.

More about EMPI at ESO: [ESO Acquires Occam Technologies](#)

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