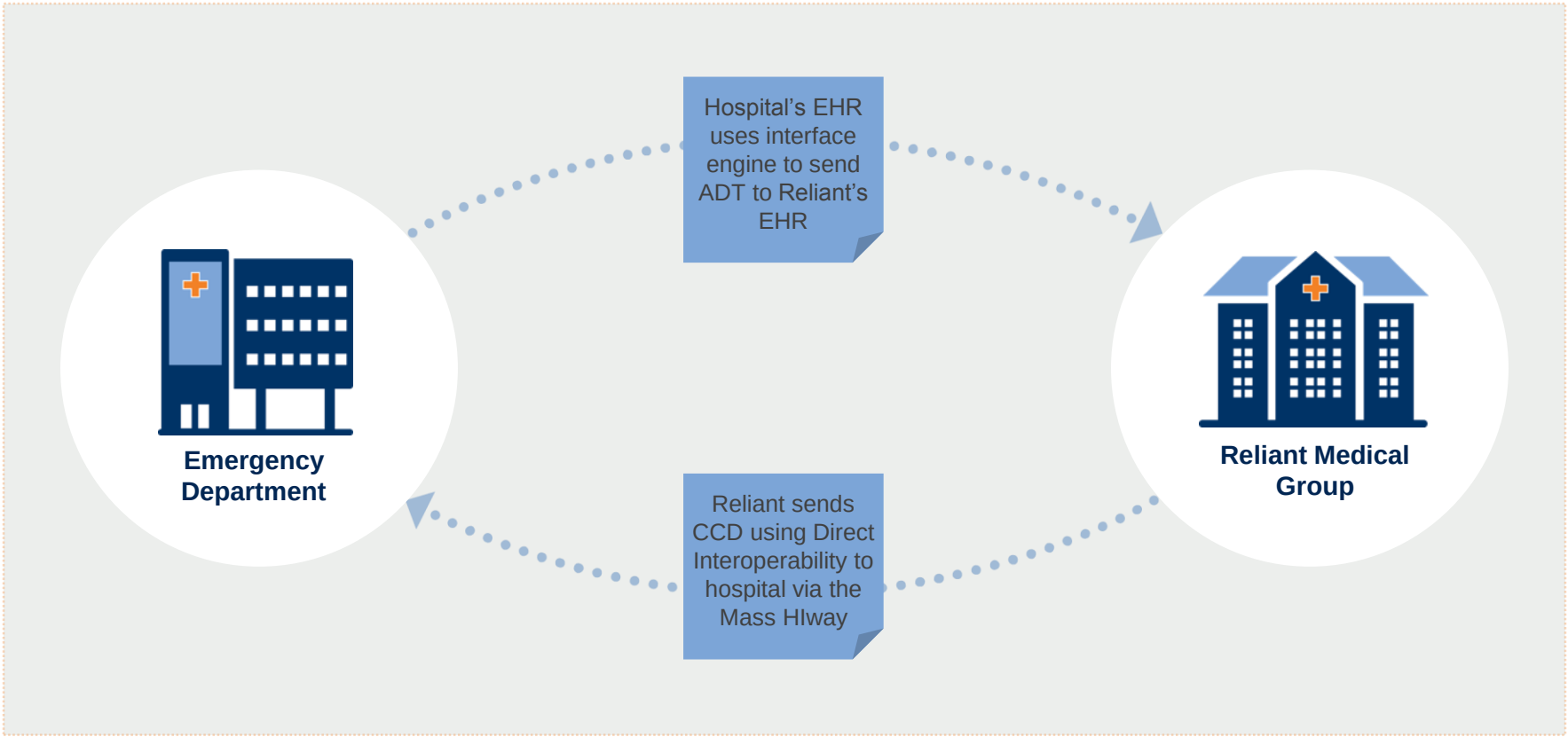
QUERY HIE USE CASE

CUSTOMIZED QUERY HIE DOCUMENT EXCHANGE BETWEEN A MEDICAL GROUP AND PARTNERING HOSPITALS



GOAL	To improve patient care and reduce the potential of clinical errors, by automating the electronic exchange of patient records when patients of the Medical Group visit an ER at a partner hospital.

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ORGANIZATION

Reliant Medical Group

GOAL

To improve patient care and reduce the potential of clinical errors, by automating the electronic exchange of patient records when patients of Reliant Medical Group visit an ER at a partner hospital

TRADING PARTNERS AND SYSTEMS

- Reliant Medical Group
- Partner hospitals

DATA TO EXCHANGE

- Admissions Discharge and Transfer message (ADT)
- Continuity of Care Document (CCD)

STORY

Reliant patients need to be transferred to an Emergency Department at a partner hospital when they need emergency care. Reliant used to coordinate care with the hospitals by faxing and other conventional methods. This was inefficient as Emergency Rooms are too busy and doctors have many other duties to attend to.

Reliant improved the process of information sharing between their practice and their partner hospitals by developing a customIzed Query HIE solution.

Every month, Reliant sends each hospital an updated list of their physicians, nurse practitioners, and physician's assistants. When a patient, being cared for by one of the providers on this list, goes to the Emergency Room, the hospital's EHR uses an interface engine to send an Admissions Discharge and Transfer message (ADT) to Reliant's EHR.

Upon receipt, Reliant's EHR automatically generates a Continuity of Care Document (CCD) which contains relevant patient information, as well as the ADT's hospital account number and medical record number so the CCD will be matched to the correct patient at the hospital. The CCD is then sent back to the hospital via Direct Messaging through the Mass HIway.

READ THE FULL STORY

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