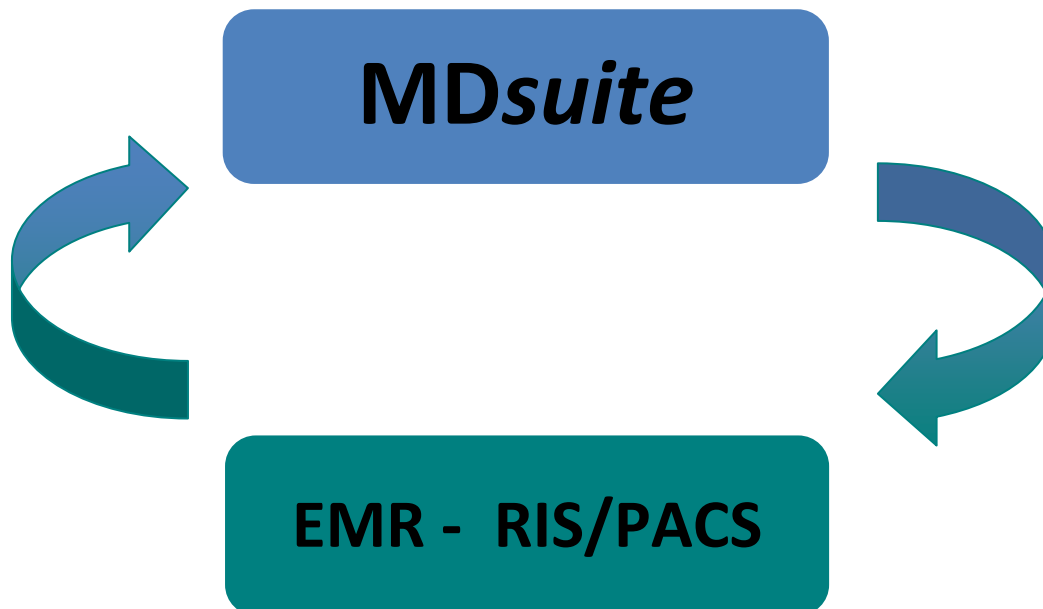


Synopsis

- ✓ **Connected:** An “interface” is a bridge between two programs allowing messages to be transferred between the programs
- ✓ **Health Level Seven (HL7)** is an organization that develops standards (sometimes called specifications or protocols) for the healthcare market.
- ✓ **Avoid Duplicate Entry:** These messages allow information entered into one system to be transferred without duplicate entry to another system
- ✓ **EMR/RIS:** Interfaces exist between MDsuite and a number of popular Electronic Medical Record (EMR) and Radiology Information Systems (RIS)
- ✓ **Choice:** HL7 messaging allows providers to choose a clinical system matched to their specialty
- ✓ **Send and Receive:** Using HL7, MDsuite can send and receive demographic messages as well as send scheduling messages and receive charge messages



Concepts

- Each interface is different and must be coordinated between the two companies.
- The types of information that transfer from one program to another and the direction of the information, i.e. from MDsuite to the HIS and/or from the HIS to MDsuite, vary according to the interface that was developed.
- Data is passed between MDsuite and the HIS in the form of HL7 “**messages**”. Each HL7 message conveys some particular type of information, e.g. the patient’s demographics, an appointment, a charge, etc.
- The entire HL7 specification encompasses any and all types of information that might exist in the healthcare field.
- HL7 interfaces only implement a small subset of this universe of messages.

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