



A Full-Featured HL7 Import Engine

When you need to get data from an EMR, a lab, or any other system into MicroMD, the fastest and easiest way is to use HL7, since it is supported by most packages. Our HL7 import engine supports HL7 version 2.3 and has a variety of features, including:

- Run as a standalone application or as a Windows service
- Support for HL7 acknowledgement messages
- Multi-practice support
- Import messages by reading text files or network sockets (via TCP/IP)
- Validate messages based on sender / receiver information
- Load charge data directly into sequences or into the pending charge module.
- Archiving (for auditing)
- Map external values into internal MicroMD entities (race, plan, referring doctor, etc..)
- Maintains mapping between external patient ID and MicroMD patient ID
- Specify which MicroMD fields are contained in the PID fields

Support for HL7 Customization

Unfortunately, HL7 2.3 is not a completely universal standard. Each vendor populates their HL7 messages slightly differently. Our HL7 import engine was designed with this in mind, and Micro-Office Systems, Inc. can quickly adapt our engine to support the HL7 that you provide, including support for more message types.

Supported Messages - MicroMD import

Message	Description
ADT ^ A01/A04/A10	Create patient
ADT ^ A08	Update patient
ADT ^ A11	Cancel visit
ADT ^ A31	Update person info
SIU ^ S12	Create appointment
DFT ^ P03	Detailed financial information
MFN ^ M02	Master file. Currently, only referring doctor master file information is supported. The M02 message is identified as a referring doctor message if the first character of field 4 of the STF segment is 'R'.