

› Company Profile

Name:

MDIntelleSys

Industry:

Electronic Medical Records

Headquarters:

Oldsmar, FL

URL:

www.intellemed.com

Technology Solutions:

eTX HEMI

eTX Stream

Delivering on the Promise of Scalability and Efficiency

› The Company

MDIntelleSys develops intelligent, web-based EMR solutions for Ophthalmology. Its core product, the IntelChart Suite, is broken down into 3 major components - IntelChart, IntelDraw and IntelView. From the initial patient review, integration of images, all the way to the generation of referral letters, the IntelChart Suite helps practices quickly and thoroughly document the patient encounter. Its comprehensive solution provides unique value to its customers whereby it is structured as a monthly service fee with no up front costs other than the need for a web browser and Internet connection.

› The Challenge

One of the barriers to entry into the EMR market is the integration of the EMR with the physician's practice management system. Initially, MDIntelleSys leveraged its internal programming resources to create one-off, point-to-point interfaces to meet the integration needs of its clients. However, these interfaces were using up valuable programming time, often 60 hours or more. "We would have fallen behind on our goals if we had to develop an interface engine ourselves, and due to our programmer time restraints we would have ended up with something much less robust and it would be something else we would have to maintain and enhance on our side," said Joe Sweeney, Senior Software Architect, MDIntelleSys.

MDIntelleSys needed a more cost-effective solution that would allow them to go to market quickly, with confidence. MDIntelleSys' ability to bring on new clients was predicated on its capacity to create EMR-PMS interfaces. Furthermore, MDIntelleSys required an enterprise level solution for their data center environment capable of handling 1,000s of interfaces.

› The Solution

In its search for an enterprise level solution, MDIntelleSys came to the conclusion that eTransX' Healthcare Enterprise Messaging and Integration (HEMI) engine was top of the class. Not only did eTX HEMI provide the robust scalability to meet the demands of its data center environment, it allowed MDIntelleSys to get to market

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MDIntelleSys

quickly and works with all versions of HL7. “The speed at which we can create an HL7 stream, if we have previously interfaced with that application, is amazing,” said Sweeney.

In addition to the utilization of eTX HEMI, MDIntelleSys leveraged the power and convenience of eTX Stream. An integration agent, eTX Stream enables secure, real-time data exchange without the need for a Virtual Private Network (VPN). eTX Stream, which resides on the provider’s network, is fully HIPAA compliant and is able to securely transport structured and unstructured data over the web. “eTX stream was a great added benefit when we purchased HEMI,” added Sweeney.

› The Results

As promised, the implementation of eTX HEMI was smooth and efficient. The eTransX implementation team guided Mr. Sweeney through the process, enabling MDIntelleSys to have eTransX’ fully scalable interface engine up and running in a matter of a few hours. This was especially important, as speed to market was a significant factor in their selection of an integration engine.

eTX HEMI also delivered on its promise of efficient interface creation. MDIntelleSys realized a 95% reduction in their EMR-PMS interface development time. Each new practice management system required as little as 2 hours to complete the HL7 interface. Even better, once an interface was established with a specific PMS, interfaces were achieved in an astonishing 30 minutes. “The copy functionality, from within the ETX Administrator section is especially helpful. I can copy an interface with an existing application, make a few modifications, and that’s it. It’s been a great time saver,” said Sweeney.

Additional case studies can be found at: www.etransx.com/resources/
To contact an eTransX Integration Specialist, call 1-888-221-4971

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