**Maine IIS supports HL7 via HTTPS (only)**

**IIS-Centric   
[Sending data from IIS to EMR]:**

This method does meet Business Vaccine Inventory Requirements.  
This method does meet Meaningful Use Requirements.

<http://edocket.access.gpo.gov/2010/pdf/2010-17210.pdf> - Page 26Comment.

If your EMR has the capacity to receive HL7 data via HTTPS currently, we can enroll your practice sites within 30 days of expressing interest. This timeline includes test messages from our IIS to your EMR, a period of confirmation from the EMR/Provider office, batch loading historical data from the IIS to the EMR, and inception of the production connection from the IIS to the EMR.

100% of our current exchanges have chosen IIS-Centric workflow due to a number of application benefits related to our Total Inventory Management System (TIMS) and its relation to the providers ability  to order and receive vaccine. Sending data from the EMR to the IIS breaks critical vaccine management and reporting functionality.

**EMR-Centric (Hybrid model)   
[Sending data from EMR to IIS & Performing Aggregate Vaccine Management]**

This method does meet Business Vaccine Inventory Requirements.  
This method does meet Meaningful Use Requirements.  
This method is recommended for providers/entities receiving State Supplied Vaccine who may not otherwise be able to receive immunization data from ImmPact2.  
  
An EMR-centric Hybrid model allows for the receipt of client per dose data from the EMR to the IIS. This preserves all non-vaccine management client oriented functionality.

The provider must then transition from online per dose vaccine inventory reconciliation to online aggregate vaccine reporting. For instructions for this process please visit our website for written instructions as well as webinars.

ImmPact2 webinar web address:

<http://www.maine.gov/dhhs/boh/ddc/immunization/providers/webinars.shtml>

**EMR-Centric   
[Sending data from EMR to IIS only]:**

This method does not meet Business Vaccine Inventory Requirements.  
This method does meet Meaningful Use Requirements.  
This method is recommended for providers/entities that do not receive State Supplied Vaccine.  
  
  
EMR to IIS Client data exchange approach does ‘break’ the vaccine ordering and reporting business process found natively in the ImmPact2 system. Any provider choosing to send us per dose client data via EMR will be required to report their vaccine usage in aggregate online via the IIS. Please see Option: **EMR-Centric (Hybrid model)** 

**EMR-Centric with Vaccine Management Functionality preserved.   
[Sending data from EMR to IIS with Vaccine Management Enabled] [Functionality Pending]**

This method does meet Business Vaccine Inventory Requirements.  
This method does meet Meaningful Use Requirements.  
  
This workflow would allow for inbound data to transact against the IIS inventory just like a GUI entered ImmPact2 dose. Many providers see this as the best of all worlds, but will require changes to the ImmPact2 system and to the EMR.

For EMR-Centric, there are data elements generally missing from even the most advanced EMRs.

* Vaccines For Children Eligibility
* Private or Public Supplied Dose
* EMR ability to send State determined provider identifier specific to the physical location of the dose (lot) administered

The EMR-Centric with Vaccine Management is scheduled for development and piloting in 2011 with a formal release in January of 2012. The Exchange Specification is expected to be sent out by September 1st, 2011. The specification will be distributed via our ImmPact2 Listserv:  
<https://mailman.informe.org/mailman/listinfo/immpact2>