

ImageTrend, Inc: Mission

Our goal at ImageTrend is to create a better world through technical innovation and a vision of what is possible.

- We **achieve this goal** by starting slow, working small, planning long term while visioning big.
- We believe the **success of any individual employee is tied to the success of the group**. We believe that the success of the group requires every individual to succeed professionally and personally.
- We believe ImageTrend succeeds by **helping our customers and business partners succeed and attain their goals**.
- Above all, we **believe in our dreams**.



The Importance of an HIE

Todd York · Senior Account Executive · ImageTrend, Inc.



Planning an HIE Integration – What’s Involved

Submitting EMS Data

When: What action triggers the export and how often?

What: What data is sent?

- PDF
- NEMESIS
- NISE (NEMESIS plus all other non-NEMESIS Fields)
- Is Metadata included for matching?

How: In what format?

- XML
- XML with HL7 “wrapper”

Where: What kind of connection?

- FTP
- Web service

Receiving Outcome Data

- Defining outcome data
- ADT/Facesheet



Early Projects

Susquehanna Regional EMS/United Health Systems

- PDF to an FTP export

Virginia Beach EMS

- Submit a PDF via Web Service to hospital's OnBase Document Management System
- Uploaded to Epic

State of Georgia

- PDF to an FTP export for hospitals

San Diego Beacon Project

- Send a PDF in an HL7 “Wrapper” to Infotech EMS Hub
- Receive ADT/Facesheet



Greater Houston Healthconnect (GHH)

Still in the **planning phases**

Players

- ImageTrend
- GHH
- Medicity
- Houston Fire Department
- Cy-Fair VFD
- Pearland EMS



Greater Houston Healthconnect (GHH)

The Project

EMS Data Export into HIE

- Trigger based export
- CCD Structured of HL7-CDA with 6 sections



Outcome Data Imported from HIE

- Via Web Service
 - Admission Date (IT27.9)
 - Discharge date (IT27.14)
 - Disposition Status (IT27.15)
 - Patient Allergies (E12.8)
 - Chronic Patient Medical Conditions (E12.10)
 - Patient Medications (E12.14)
 - Discharged to Where (new)
 - Discharged from Where in the Hospital (new)
 - Discharge Diagnosis from EMR (new)
 - Final Discharge Diagnosis from Hospital (new)

Patient Lookup/Import from HIE

- Web Service call to HIE
 - Receive past medical history
 - Populate PMH into Field Bridge



Greater New Orleans Health Information Exchange (GNOHIE)

Players

- New Orleans EMS
- ImageTrend
- Louisiana Public Health Institute/Division of Information Services



EMS Data Export to HIE

- PDF
- NISE XML (NEMESIS 2++)
- Future move to NISE XML (NEMESIS 3 ++)

After NEMESIS 3

- Outcome Data via Web Service (much like Houston)
- Patient Lookup via Web Service (much like Houston)



HIE Integration 12 Month Project Pipeline

New York (Regional)

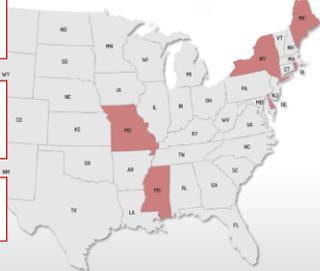
- CCD file export to a Regional RHIO

Maine, Delaware and Rhode Island

- State EMS integration to State HIEs

St. Louis Children's Hospital

- HL7/PDF export



Thank you!

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