

Florida HIE For Disaster Response



SFHIMSS October 23, 2013

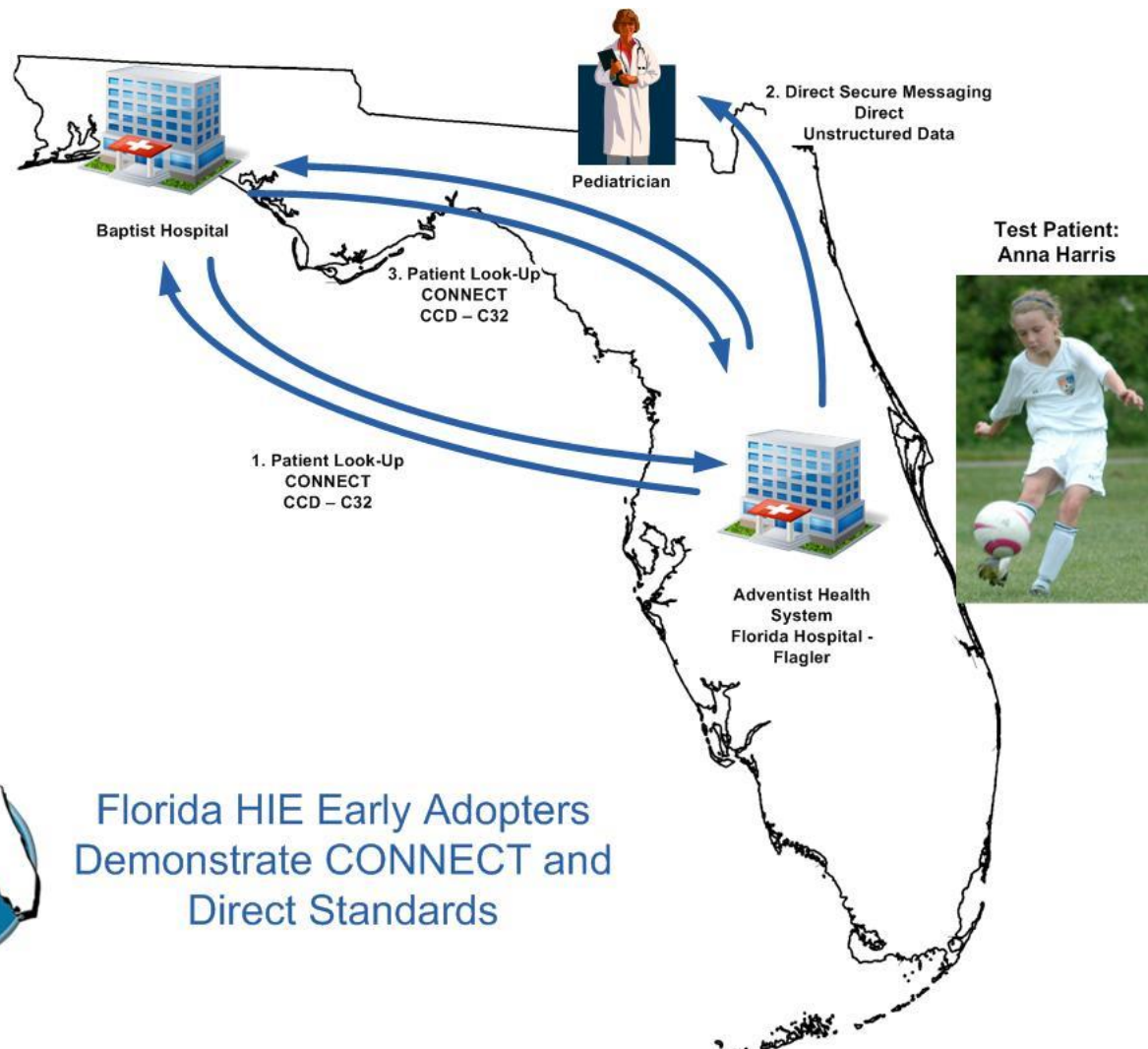


Two Florida HIE Services

1. Direct Secure Messaging (DSM) is a NHIN Direct complaint secure e-mail system that allows participants to push encrypted health information to other participants and to respond to requests for information
2. Patient Look-Up (PLU) is a NHIN CONNECT compliant service that allows clinicians to query for and retrieve patient records from other participating nodes on the Florida statewide network

Both services maintain the same policies and workflows around patient consent and authorization that exist in paper-based data exchanges today.

FL-HIE Services



Florida HIE Early Adopters
Demonstrate CONNECT and
Direct Standards

FL-HIE PLU Service

☒ Local HIE ☐ Test HIE ☐ WSRV

Demographic Search Partial Name Search

DOB: 10/19/2001 Last name: Harris First name: A

Show advanced Search

Clear Search

Anna
AAX
A
ASD
AAA
ASMNUW

Step 1. Enter Patient Demographic Information

Step 2. Query for Patient Records

Step 3. Pull Discovered Patient Record

☒ Local HIE ☐ Test HIE ☐ WSRV

Demographic Search Partial Name Search

DOB: 10/19/2001 Last name: Harris First name: Anna

Show advanced Search

Clear Search

Patient search results

DOB	SSN	Last Name	First Name	Middle Name	Suffix	Gender	Address	City	State	Zip	Phone	HIE ID	Role	View Option
Source Local HIE - 1 Result														
10/19/2001		HARRIS	ANNA			F	137 NORTH BELT	SAINT				0000003000	Other (ADMINISTRAT	- Select View Option -

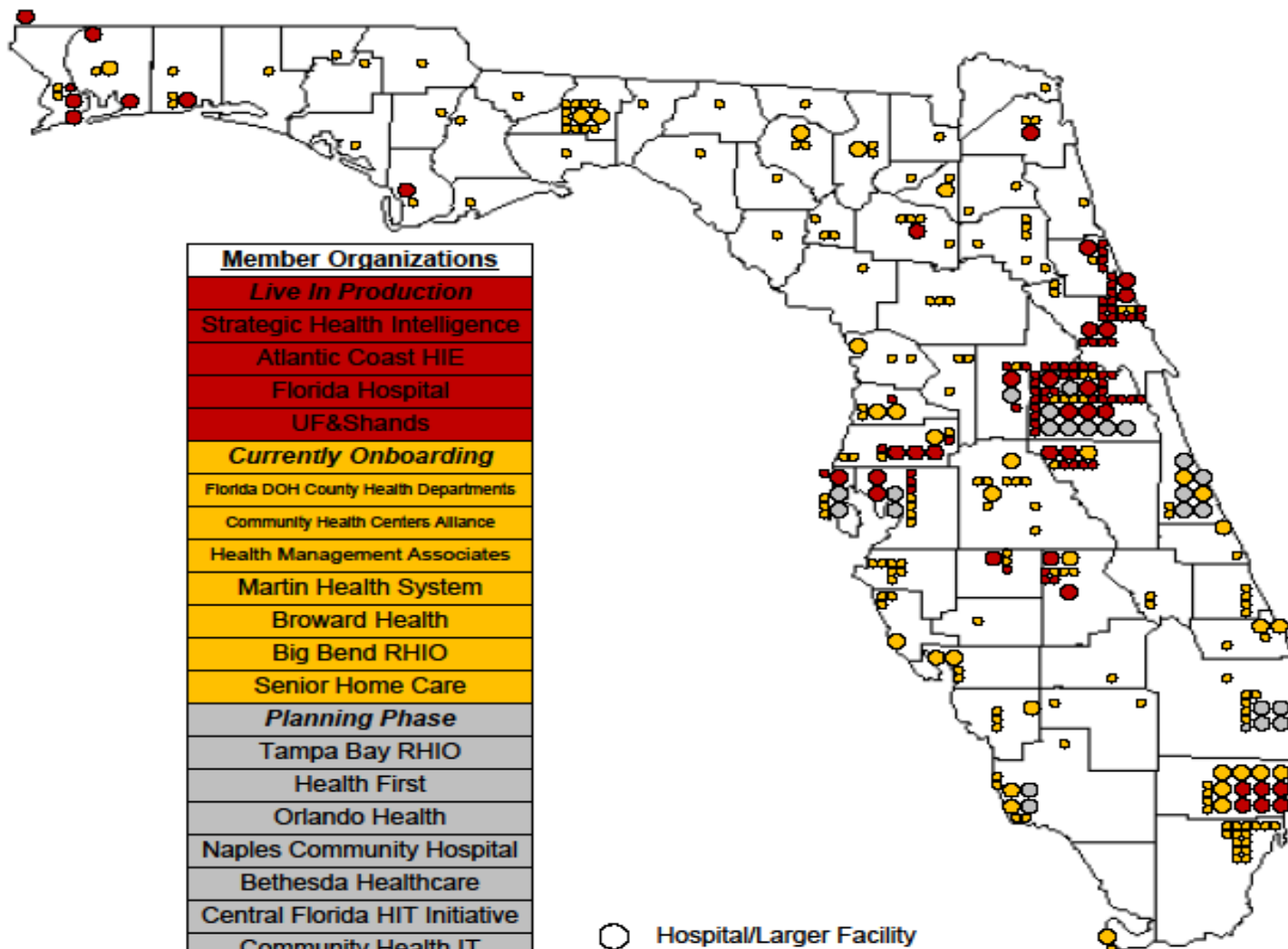
Document search results

Source	Date	Name	File type	Size	
	2012-02-16 13:36:28	Aggregated HTML document	text/html		
	2012-02-16 13:36:28	Aggregated CCD document	text/xml		
SHR	2012-02-16 13:36:36	C12 Medical Summary	text/xml		HIE Engine

- Select View Option -
Clinical Summary View
Source Document List
FHIN Clinical Summary View
FHIN Source Document View



Partner
Organization
Onboarding
Status through
May, 2013



<u>Member Organizations</u>	
<i>Live In Production</i>	
Strategic Health Intelligence	
Atlantic Coast HIE	
Florida Hospital	
UF&Shands	
<i>Currently Onboarding</i>	
Florida DOH County Health Departments	
Community Health Centers Alliance	
Health Management Associates	
Martin Health System	
Broward Health	
Big Bend RHIO	
Senior Home Care	
<i>Planning Phase</i>	
Tampa Bay RHIO	
Health First	
Orlando Health	
Naples Community Hospital	
Bethesda Healthcare	
Central Florida HIT Initiative	
Community Health IT	
Florida Accountable Care Services	

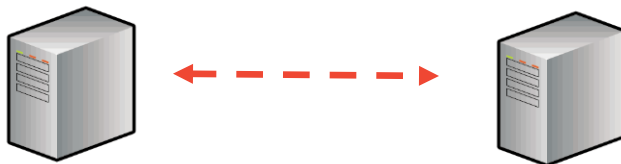
- Hospital/Larger Facility
- Clinic/Smaller Facility

The Flexibility of Direct Messaging

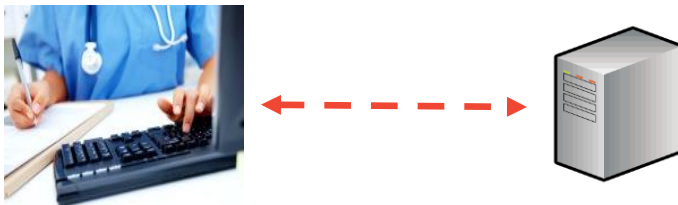
Communication Pathways



Between People



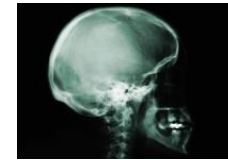
Between Machines



Between People & Machines

Communication Content

I've attached the study of Mr. Author. Thanks for seeing him.



Readable by People

```
EVN|A28|20060501140008|||000338475^Author^Arthur^Regional  
MPI&2.16.840.1.113883.19.201&ISO^L|20060501140008<cr>  
PID|||000197245^^NationalPN&2.16.840.1.113883.19.3&ISO^PN  
~4532^
```

Readable by Machines

I've attached an x-ray and electronic record for Mr. Author



```
EVN|A28|20060501140008|||000338475^Author^Arthur^Regional  
MPI&2.16.840.1.113883.19.201&ISO^L|20060501140008<cr>
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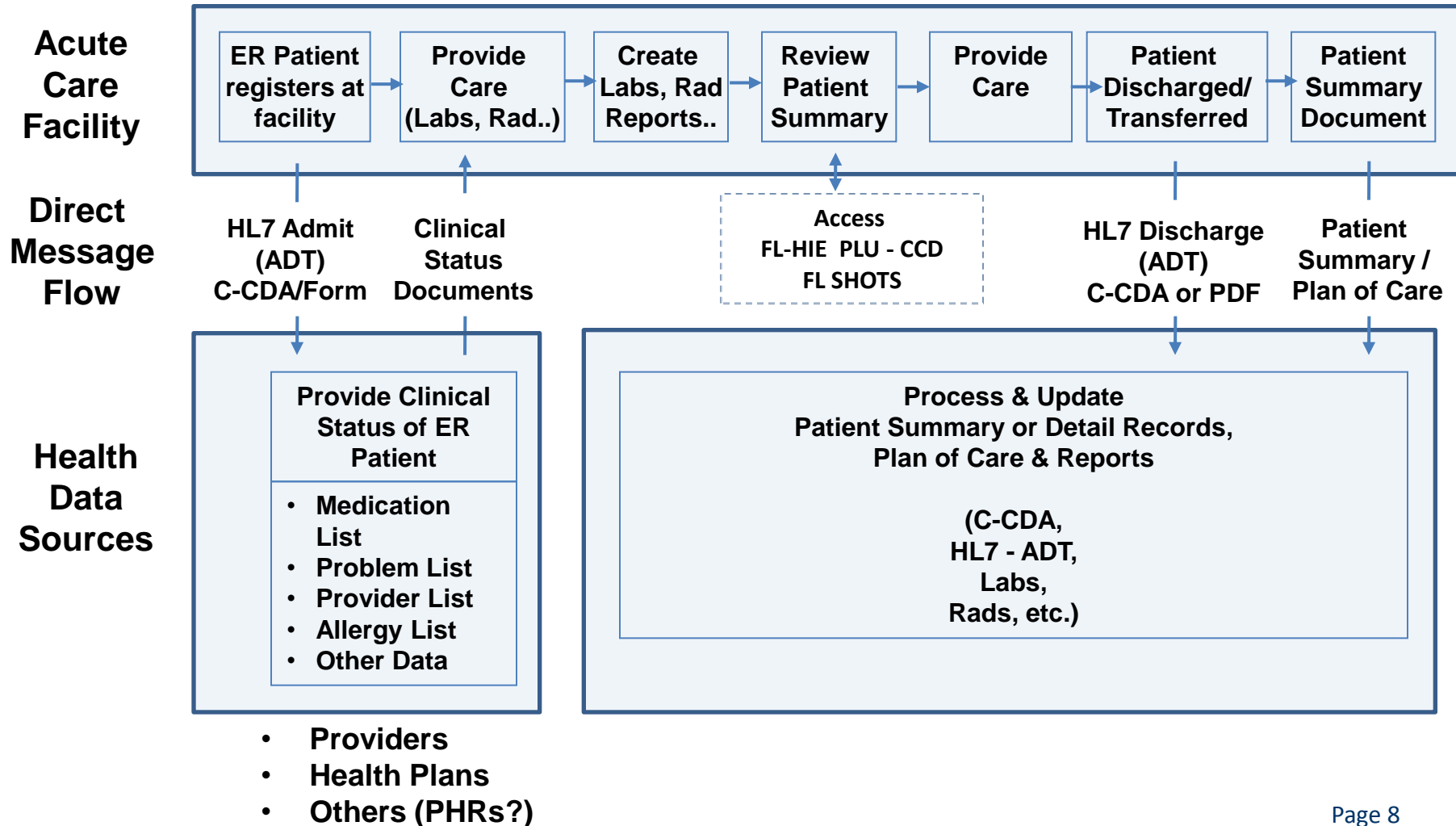
Readable by People and/or Machines

Florida Disaster Preparedness Use Care

- Florida emergency planners and first responder organizations use DSM for coordination and planning
- Dislocated patient presents in neighboring county or state emergency department
- Rendering provider or facility sends Direct message to patient's health plan or Florida care provider
- Clinical information is returned via direct message in structured or unstructured format



Direct Use Case: Acute Care Emergency Treatment





Map of the United States showing the status of HISP connection completion by state. States are color-coded: Green (connection complete), Yellow (testing in progress), and Blue (ongoing discussions). A legend at the bottom left explains the colors. A north arrow is in the top right.

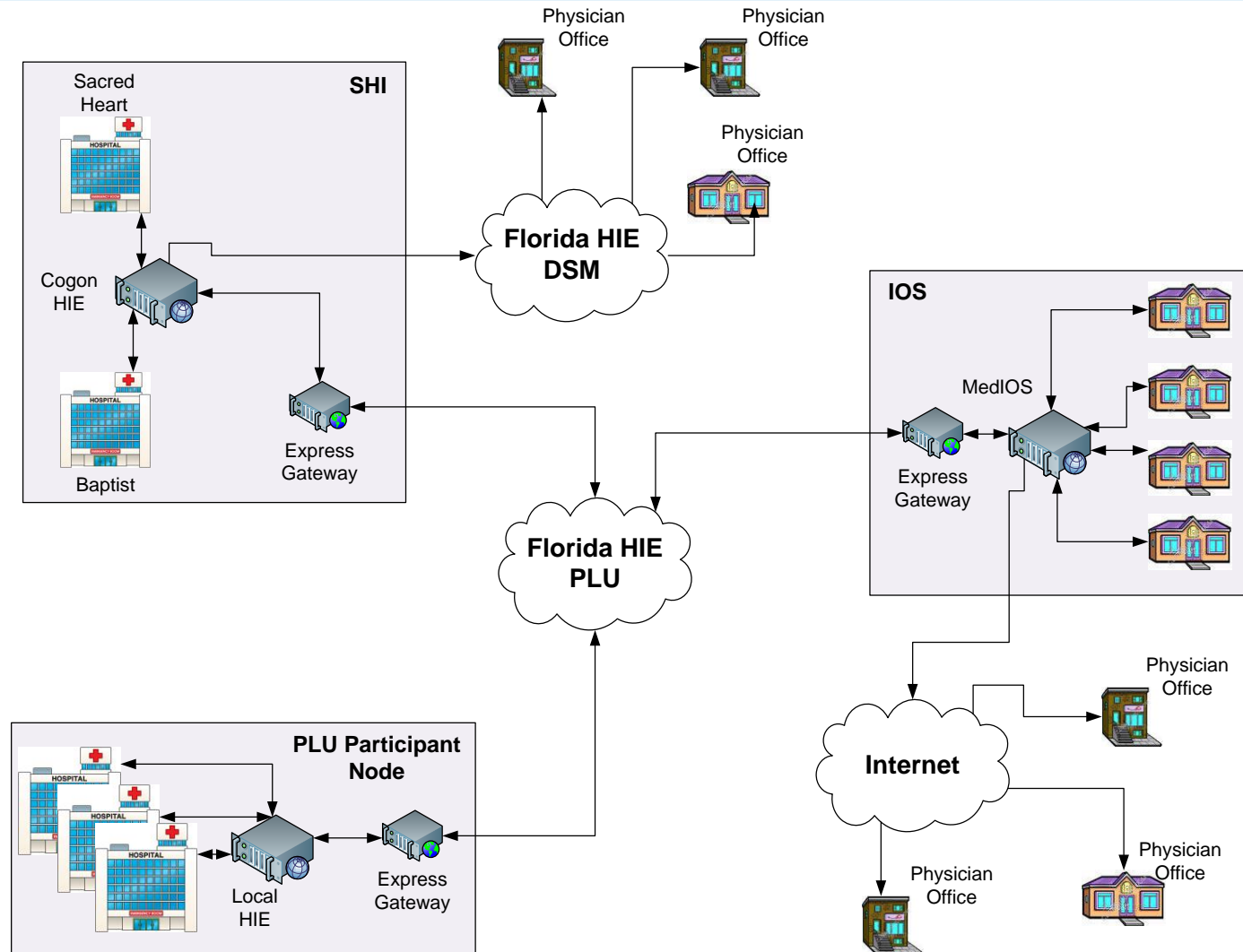
Color	Status	States
Green	Connection complete	CA, NV, UT, AZ, NM, TX, OK, KS, NE, MN, IA, MO, KY, TN, SC, NC, VA, WV, OH, PA, NY, CT, RI, NJ, DE, MD, VA, WV, OH, PA, NY, CT, RI, NJ, DE, MD
Yellow	Testing in progress	WA, OR, ID, MT, ND, SD, WY, CO, UT, AZ, NM, TX, OK, KS, NE, MN, IA, MO, KY, TN, SC, NC, VA, WV, OH, PA, NY, CT, RI, NJ, DE, MD
Blue	Ongoing discussions	ME, VT, NH, MA, CT, RI, NJ, DE, MD, VA, WV, OH, PA, NY, CT, RI, NJ, DE, MD

Legend:

- Green: HISP connection complete
- Yellow: Testing in progress
- Blue: Ongoing discussions

DSM is
connecting over
8,000 Florida
users

FL-HIE Services Combining PLU and DSM



Contact

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