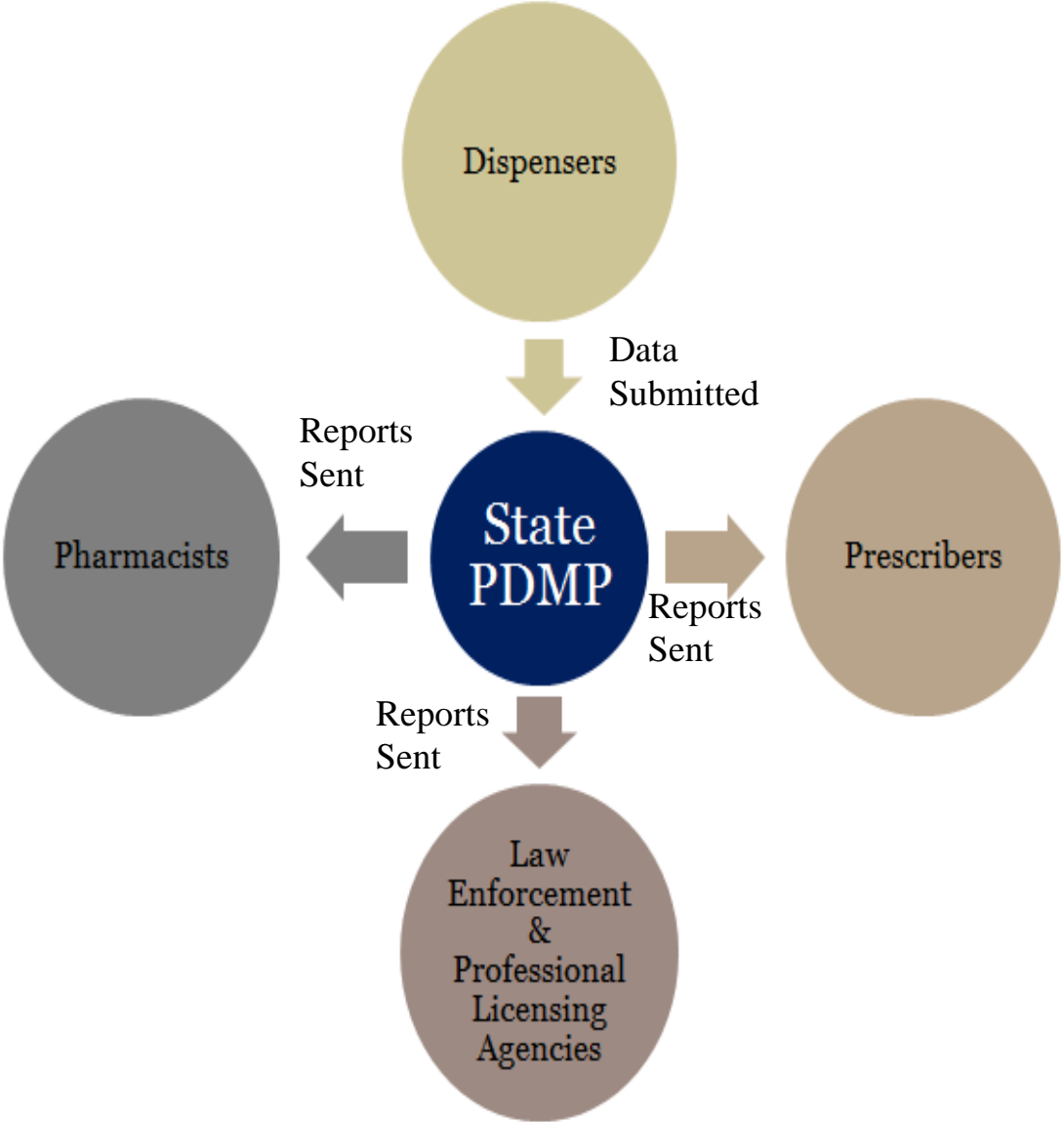


PMIX ARCHITECTURE WORKGROUP

UPDATE

PDMP System Overview



PMIX Development Principles

- Direction and Control Should Stay with the States
- PDMP Information Exchange (PMIX) would enable secure, reliable, sustainable interstate and intrastate exchange of prescription drug history
- A Centralized Governance Body was Critical to Sustainability
- The Continued Use of Open Standards Reduces Costs
- Creates a Common Standard for All Developers

PMIX Goals

- Facilitate PDMP systems exchange of prescription history reports with other PDMP systems and other authorized organizations using appropriate data and information exchange standards
- Define high-level security requirements for information exchanges
- Provide PDMP interoperability execution infrastructure for security related functions and exchange-facilitating intermediate hubs

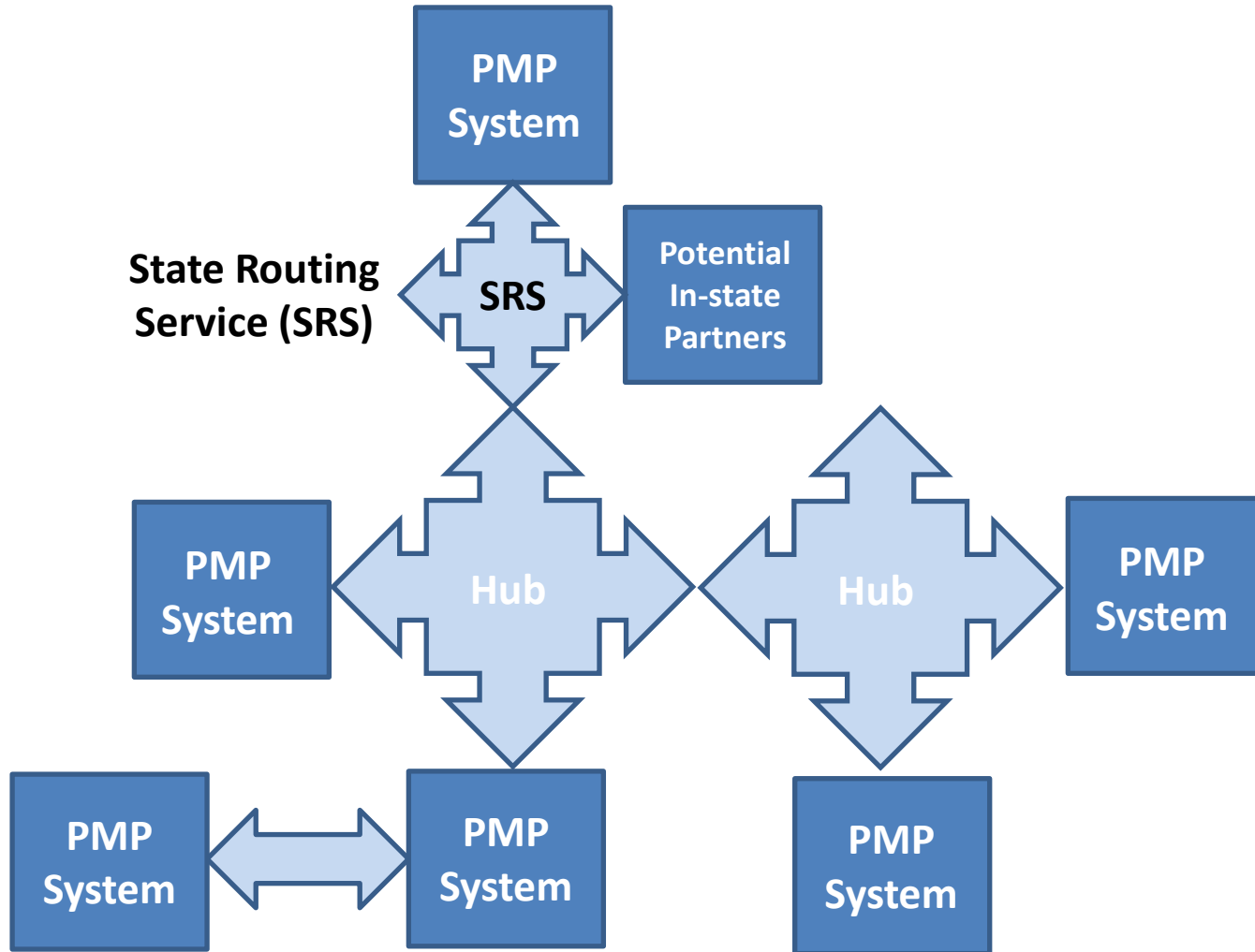
The Four Pillars of the PMIX Architecture

- End to End Security
- Standards Based Exchange (GRA)
- Common Exchange Data and Metadata (NIEM)
- Hub Connections (Hub to Hub)

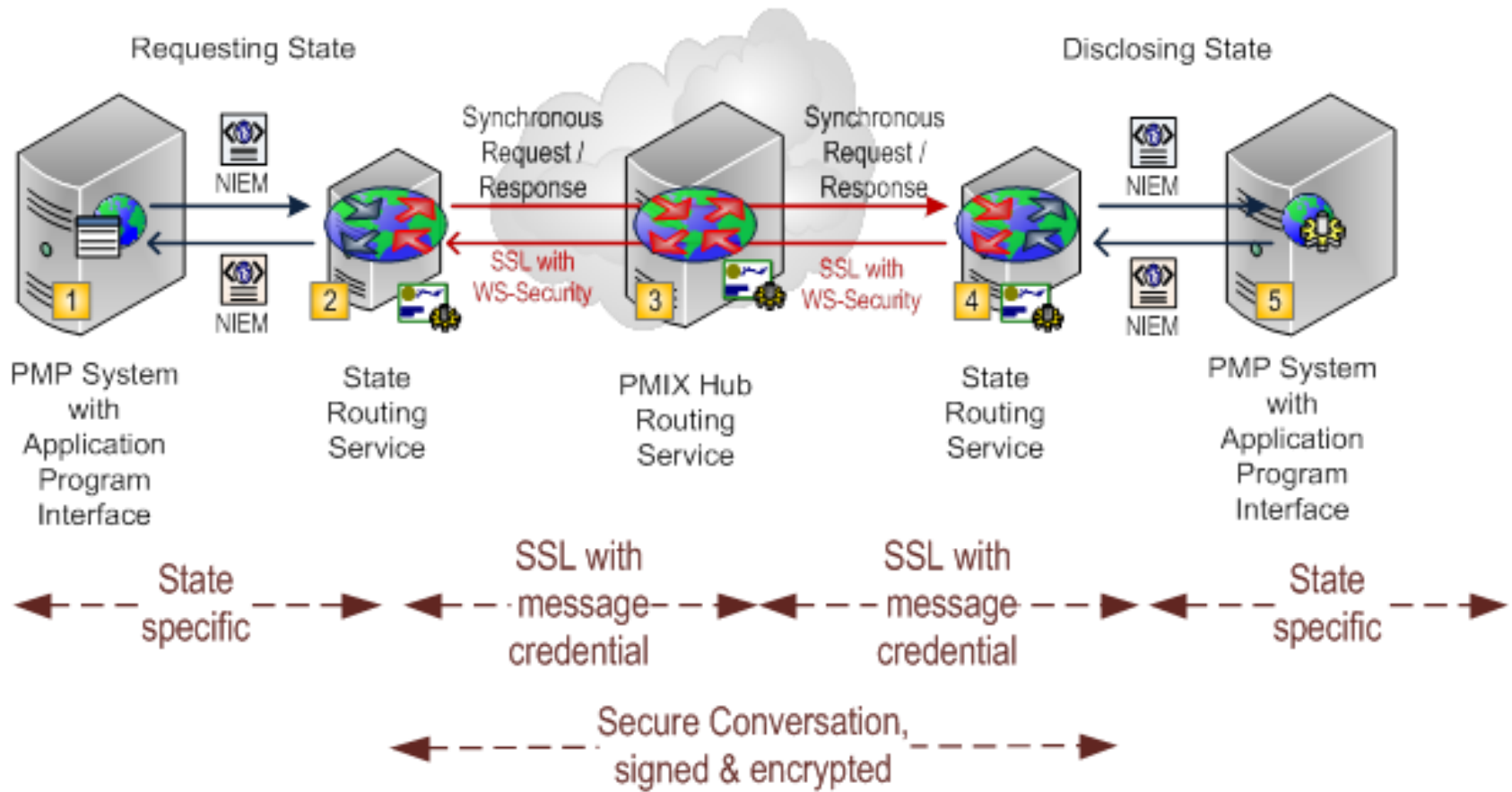
PMIX Architecture Principles

- PMP-to-PMP security and privacy using Public Key Infrastructure (PKI)
- National Information Exchange Model (NIEM) data and metadata
- Hub to hub capability
- Industry standard Web Services using the Global Reference Architecture (GRA) Profile

Choice and Flexibility



5-Box Diagram w/Security



Summary of PMIX Architecture

- Developed by PDMP Administrators
- Secure
- Certifiable
- Based on Open Standards
- Flexible By Design
- Supports Hub to Hub, State to State and Direct Connections
- Supported by NABP and IJIS
- Complies with Current Grant Requirements

PMP INTEGRATION WITH HEALTH INFORMATION TECHNOLOGY

- PILOTS
- STANDARDS EVERYWHERE!
- S&I FRAMEWORK
- ISSUES
- OUTCOMES

PILOTS

- Past Pilots
 - Indiana: Indiana Regenstrief Emergency Department (ED) pilot demonstrated the value of Health IT connectivity
 - Michigan: The Michigan pilot at the Huron Valley Physicians Association (HVPA) demonstrated the value of Health IT connectivity (Doctors First)
- Current SAMHSA Grants
 - FY12: FL, IN, IL, KS, ME, OH, TX, WA, WV
 - FY13: KY, MA, ND, NY, RI, SC, WI

STANDARDS

- PMIX-PMP Interoperability
- ASAP Web Services-PMP Interoperability/Integration
- HL7-EHRs
- NCPDP-Pharmacy systems
- CDA-HIEs: Continuity of Care Documents
- Others

- Wiki Home
- Recent Changes
- Pages and Files
- Members

- Calendar
- Contact



General Information

- Introduction & Overview
- Processes & Guidelines
- Committed Members
- Getting Started as a Participant
- Community Enabling Toolkit (CET)
- April Face-to-Face (F2F) Info
- FAQs
- Wiki User Guide

Initiatives

- Community-Led Initiatives
 - Public Health Reporting
 - Longitudinal Coordination of Care
 - a LOINC Order Code
- Cross-Initiative Functions
 - Standards Development Support
 - Model-Driven Health Tools
- Cross-Initiative Workgroups
 - Public Health Tiger Team
 - S&I Simplification
 - Clinical Element Data Dictionary

home



The S&I Framework is a collaborative community of participants from the public and private sectors who are focused on providing the tools, services and guidance to facilitate the functional exchange of health information. Learn more at www.siframework.org

Edit 2 334 ...

Getting started is easy...

1 Join the Wiki

- [Join an S&I Framework Initiative](#)
- [Create a Wikispaces account \(Not required for most participants\)](#)
- Follow the S&I Framework Wiki

2 Learn More

- Understand the Framework
 - [S&I Initiative Overview, Phases and Outputs](#)
 - [Guidelines for Community Participation](#)
 - [Steering and Consensus Process](#)
 - [IPR Policy](#)
- Review current initiatives to see where you can contribute

3 Start Contributing

- Sign up to participate in an initiative
- Participate in meetings
- Attend S&I Framework events
- Post to the S&I Framework Wiki. Use the [S&I Framework Initiative Wiki Templates](#) to get started.
- Become a [Committed Member](#). [Submit a Statement of Commitment](#)

Working together to solve healthcare interoperability challenges

The **Standards and Interoperability (S&I) Framework** was launched on January 7th, 2011. ONC is looking for participants to collaborate on interoperability challenges critical to meeting Meaningful Use objectives for 2011 and beyond. The Office of the National Coordinator for Health Information Technology (ONC) welcomes you

This Week's Agenda

Today **Monday, April 21**

Monday, April 21

- 12:00pm **BB Pilots WG**
- 1:00pm **SDC PSE/AE SWG**
- 1:30pm **EHR-S Functional Requi**
- 3:00pm **DAF Data Element Bas**

Tuesday, April 22

- 1:00pm **CQF Data Model Meetir**
- 2:00pm **Public Health Tiger Tea**
- 2:00pm **LOI-eDOS Working Gro**
- 3:00pm **LOI Implementation Gui**
- 5:00pm **SDC and PSS for DSM**

Events shown in time zone: Eastern Time

This Week's Key Activities

View recent updates from

Get Connected. Stay Informed.

Edit SidebarRight

- Wiki Home
- Recent Changes
- Pages and Files
- Members

Search

- Calendar
- Contact



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PDMP & Health IT Integration Homepage

Edit 0 73 ...

- Initiative Home
- Join the Initiative
- Charter & Members
- S&I Phases
- Materials

Quick Links

- [Meeting Information](#)
- [Join the Initiative](#)
- [Project Charter](#)
- [Use Cases](#)
- [Past Meetings](#)

Edit PageTabs

Announcements

- The All-Hands call on April 22nd, 2014 has been cancelled.**
- General Updates**
- The PDMP & HITI Use Case achieved consensus on March 25, 2014.**
- Click [here](#) to view our Harmonization page. This can also be found under "Phases" of our pagetabs at the top of the page.**

Weekly Meetings

PDMP & Health IT Integration All Hands Community Meeting

Next Meeting: Tuesday, April 29th 2014
 Meeting Time: 12:00-1:30 pm ET
 Web meeting:

- URL: <https://siframework2.webex.com/siframework2/onstage/g.php?t=a&d=664251623>
- Dial In: 1-650-479-3208
- Access code: 664 251 623

Timeline

Meeting Schedule

PDMP & Health IT Integration

Today Monday, April 21

- Tuesday, April 29
12:00pm PDMP & Health IT Inte;
- Tuesday, May 6
12:00pm PDMP & Health IT Inte;
- Tuesday, May 13
12:00pm PDMP & Health IT Inte;
- Tuesday, May 20
12:00pm PDMP & Health IT Inte;
- Tuesday, May 27
12:00pm PDMP & Health IT Inte;

Events shown in time zone: Eastern Time

Feedback Welcome

We value your input!

Have a suggestion or idea for the initiative wiki? Send an email the [Project Manager](#).

Need help using the Wiki? Send an email to [Wiki Admin/Support](#).

How to Get Involved

- Keep me Informed
 - To be notified about significant events and announcements from the project, follow this site

ISSUES

- Limited view of PMP capabilities and usage
- Representation of stakeholders
 - NCPDP
 - EHR vendors
 - HIE
 - ASAP
 - PMPs
- ASPMP and NASCSA LETTERS TO S&I FRAMEWORK

OUTCOMES

- Will S&I process identify one standard?
- Is the solution a process that “transforms” PMP information to end user standard?
- Are interoperability and integration two separate processes?
- What if there is no universal solution? Does there have to be?

PMIX ARCHITECTURE WORKGROUP

- Composition
 - Facilitated by TTAC
 - 9 States: AL, CA, KY, ME, NM, OH, OK, VA, WA
 - BJA participation
- Charge:
- Two Parts to PMIX: Architecture and IEPD
- Enhancements
 - Mapping of roles
 - XML encryption
 - LDAP
 - Data transformation standard
 - NIEM-review for possible edits to PMIX due to updates to NIEM
- Ad Hoc committee preparing presentation for S&I Framework participants

QUESTIONS?

CONTACT INFORMATION

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