



California Phase II Gap Analysis and Web Services Specification

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Agenda

- California BNE
- “CURES” System
- IT Environment
- PMIX Success Factors
- Gap Analysis Methodology
- PMIX Concept of Operations...
- Target Architecture
- California “Gap”
- COTS Solutions
- Build vs. Buy
- Web Services Solution

California BNE



- Mission
- Priorities
- CURES currently has:
 - Over 40 million records.
 - Approximately 7,500 pharmacies
 - In compliance with CURES reporting
 - With over 155,000 practitioners and prescribers



“CURES” Patient Activity Report



Department of Justice - Bureau of Narcotic Enforcement
 Controlled Substance Utilization Review & Evaluation System
 Patient Prescription History

Date: 05/19/2004
 Time: 12:19PM

**CONFIDENTIAL
 DOCUMENT**

Patient Last Name: [REDACTED] Number of Hits: 34

Date Filled	First Name	Birth Date	Sex	Serial #	Drug Name	Form	Strength	QTY	Pharmacy Name	PHY #	Dr. Name	Dr.'s DEA #	RX #
09/05/2000		10/19/1940	M		OXYCONTIN	TER	10 MG	180					
09/28/2000			M		OXYCONTIN	TER	40 MG	30					
09/28/2000			M		OXYCONTIN	TER	20 MG	30					
10/19/2000			M		OXYCONTIN	TER	20 MG	40					
10/19/2000			M		OXYCONTIN	TER	40 MG	35					
11/16/2000			M		OXYCONTIN	TER	20 MG	45					
11/16/2000			M		OXYCONTIN	TER	40 MG	40					
06/14/2001			M		ROXICODONE	TAB	5 MG	720					
06/28/2001			M		ROXICODONE	TAB	5 MG	720					
07/05/2001			M		ROXICET	TAB	325 MG-5 MG	1440					
07/10/2001			M		ROXICODONE	TAB	5 MG	500					
07/16/2001			M		ROXICODONE	TAB	5 MG	940					
08/30/2001			M		METHADONE HCL	TAB	10 MG	540					
09/27/2001			M		METHADONE HCL	TAB	10 MG	540					
10/25/2001			M		METHADONE HCL	TAB	10 MG	540					
11/21/2001			M		METHADONE HCL	TAB	10 MG	540					
12/20/2001			M		METHADONE HCL	TAB	10 MG	600					
01/17/2002			M		METHADONE HCL	TAB	10 MG	600					
02/14/2002			M		METHADONE HCL	TAB	10 MG	600					
03/14/2002			M		METHADONE HCL	TAB	10 MG	600					
04/11/2002			M		METHADONE HCL	TAB	10 MG	600					
05/10/2002			M		METHADONE HCL	TAB	10 MG	600					
06/06/2002			M		METHADONE HCL	TAB	10 MG	600					
08/01/2002			M		METHADOSE	TAB	10 MG	600					



Cures Strengths

- “Cubes” provide Top drugs prescribed
 - for a specified time period
 - Prescribed by county
- Doctor / Pharmacy Report
- Multiple Prescriptions / Same Patient Report
- Dosage Report



Future of PARS

- Implement PMIX functionality (IJIS)
- Automate the PAR request for physicians and Emergency Room physicians
- Add Schedule IV controlled substances with the inclusion of possibly Schedule V's
- NASPER (weekly reporting)
- Current Legislation
- Automate Direct Dispensing process for physicians who directly dispense out of their office



IT Environment

- Charter Establishes shared vision
- Security is Paramount
- O&M services provided by SME not by dedicated project staff
- Adherence to California architecture standards are therefore critical

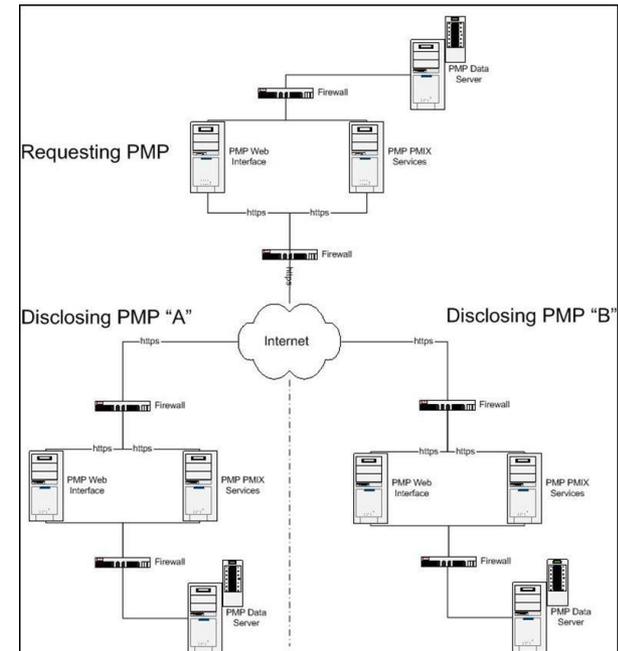


PMIX Success Factors

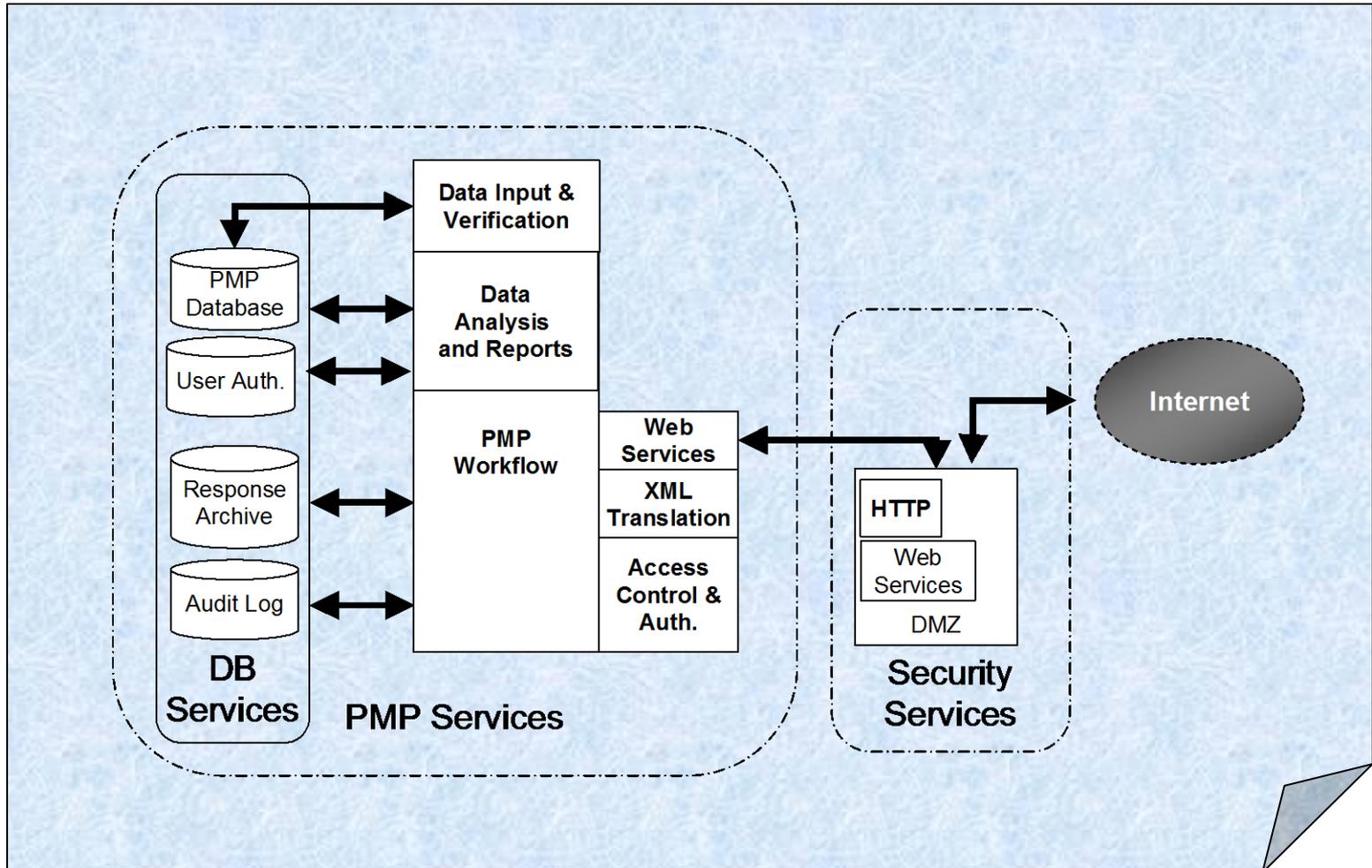
- Architecture compatibility
- Focus on Security
- Application “Supportability” (Java)
- Reusability
 - Building Blocks
 - Shared/Open source model
- Charter
 - Sets expectations, boundaries, responsibilities, no surprises... buy-in.
- No substantial increase in administration

PMIX Concept of Operations...

- Framework
 - Broad Applicability
 - Generalized
 - Can be customized on a state by state basis
 - Some States may already have “pieces” in place...
- CA IT Services
 - Support numerous offices / projects
 - This approach impacts architecture planning



Target Architecture

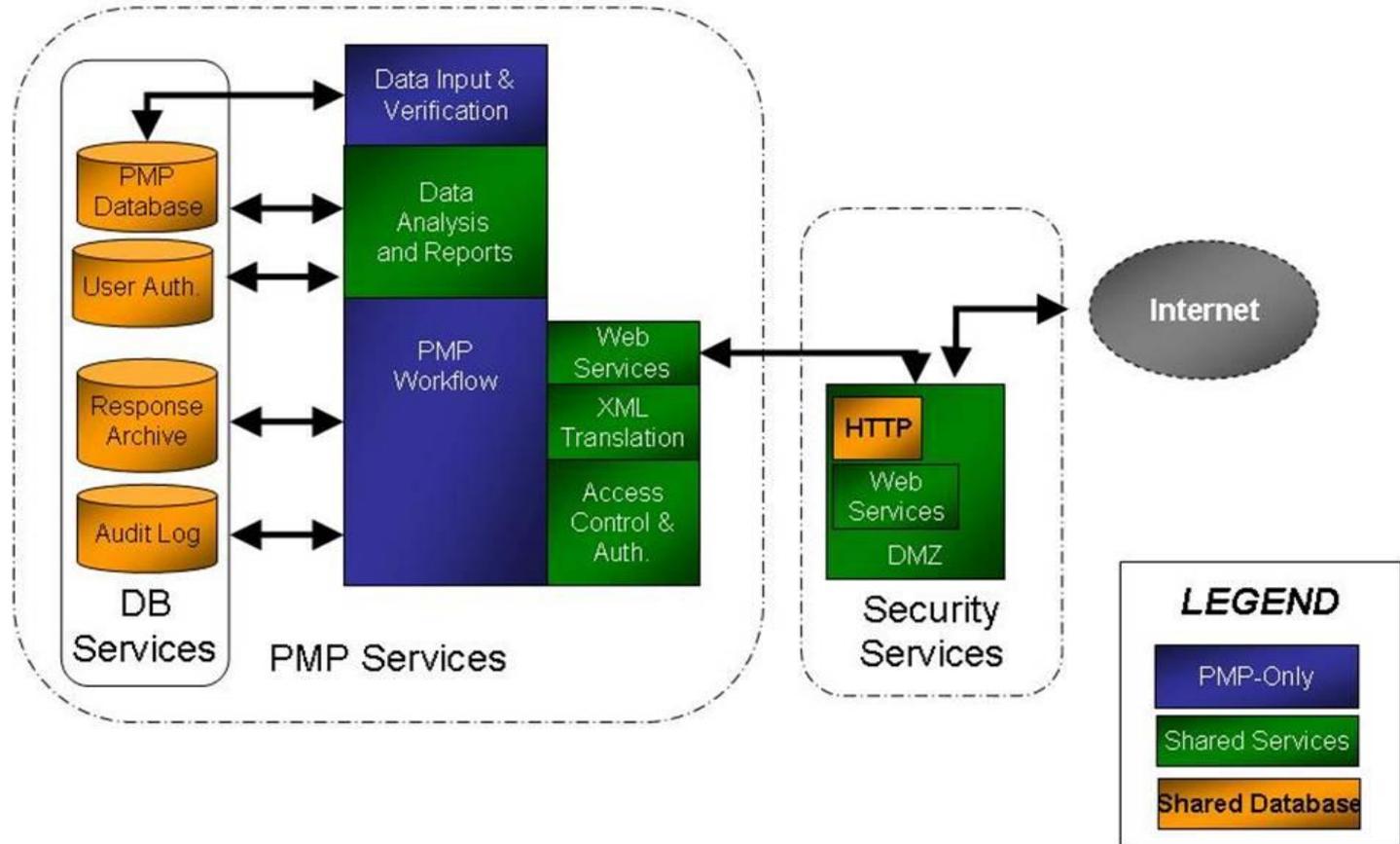




California IT Services

- Shared Services
 - Data Analysis and reports
 - Database Services
 - Security
 - Web Services
- PMP Only
 - Data Input and Verification
 - PMP Workflow

California Architecture

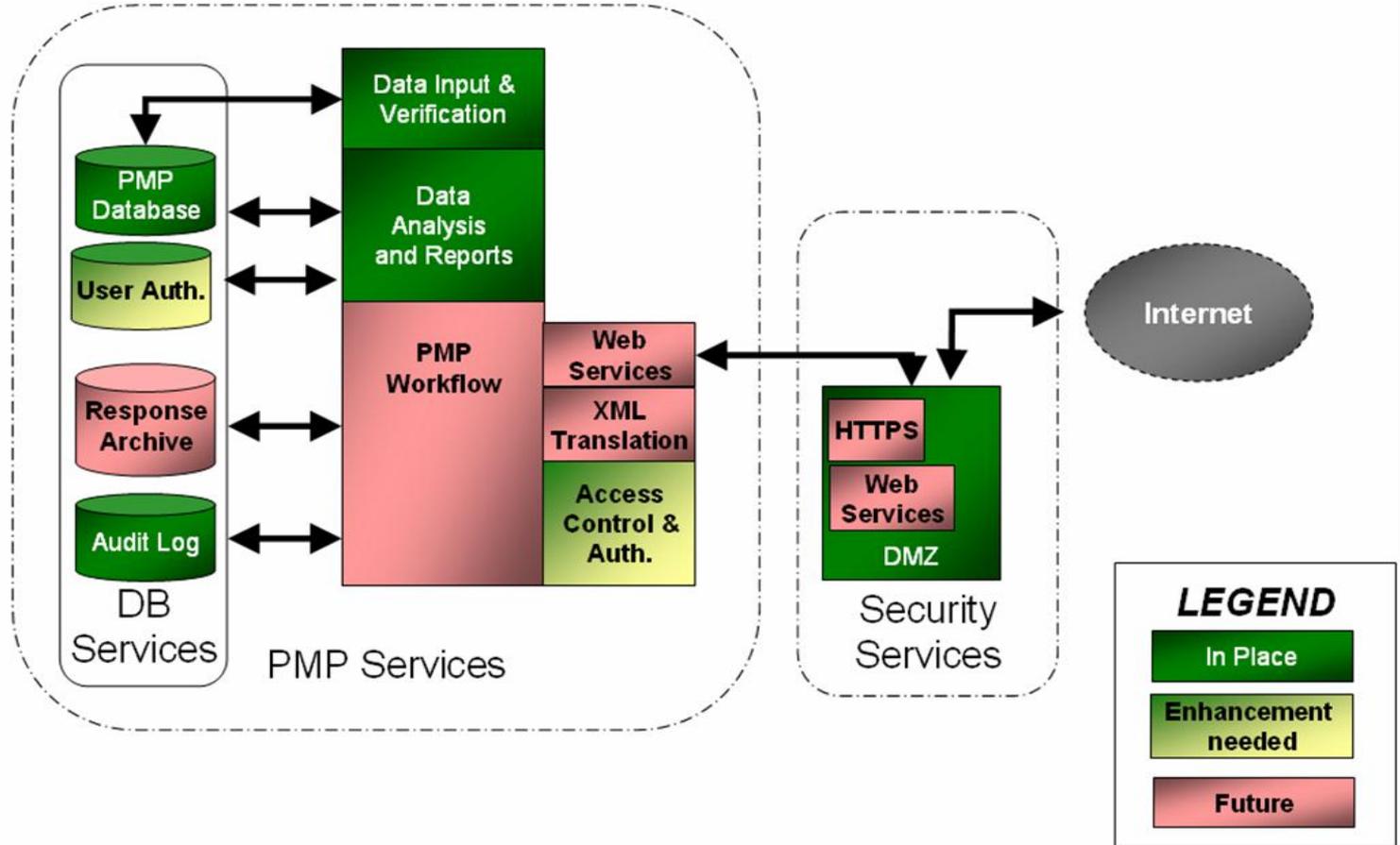




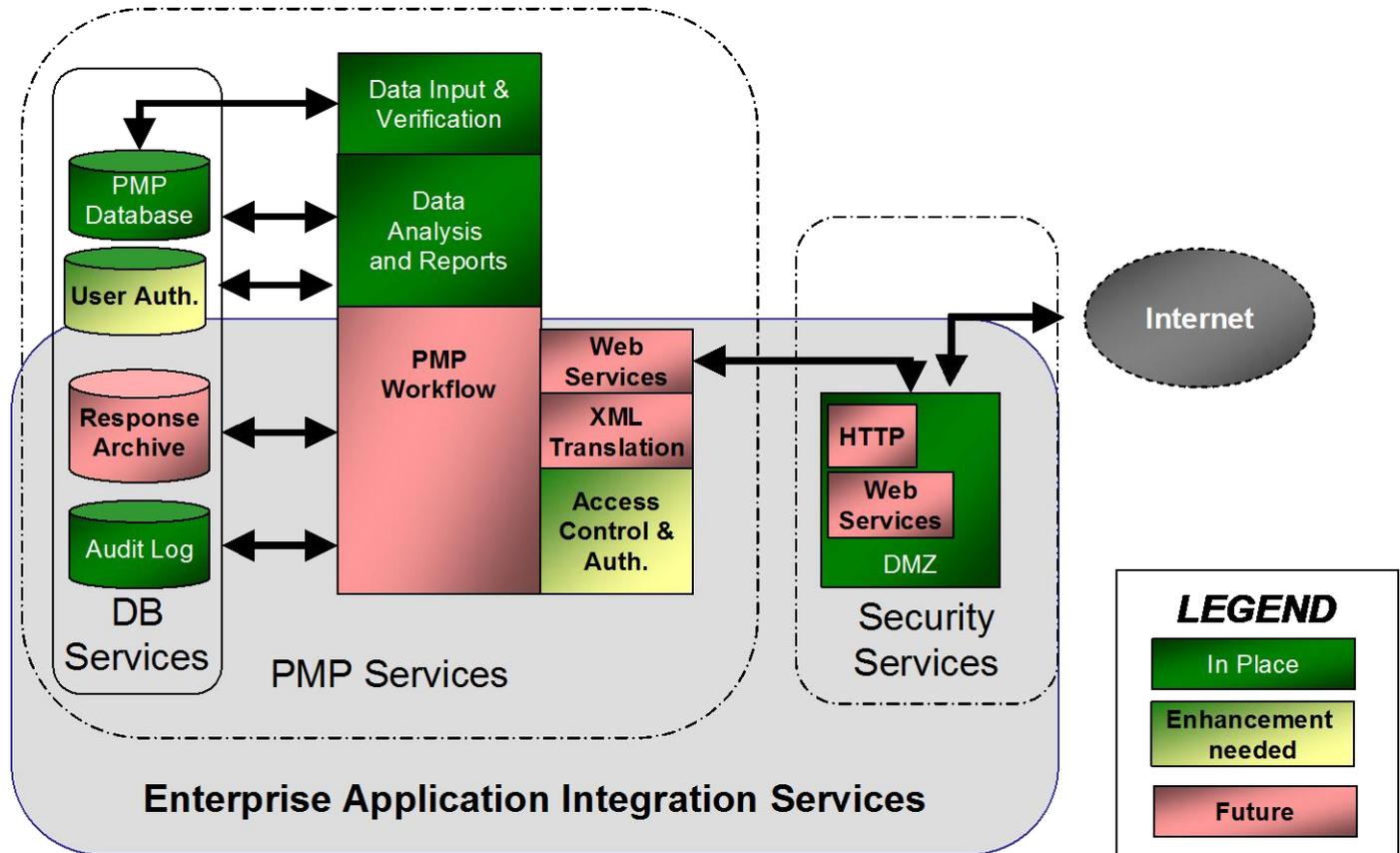
California Service Availability

- PMP Only
 - Data Input and Verification
 - PMP Workflow
- Shared Services
 - Data Analysis and reports
 - Database Services
 - Security
 - Web Services

California "Gap"

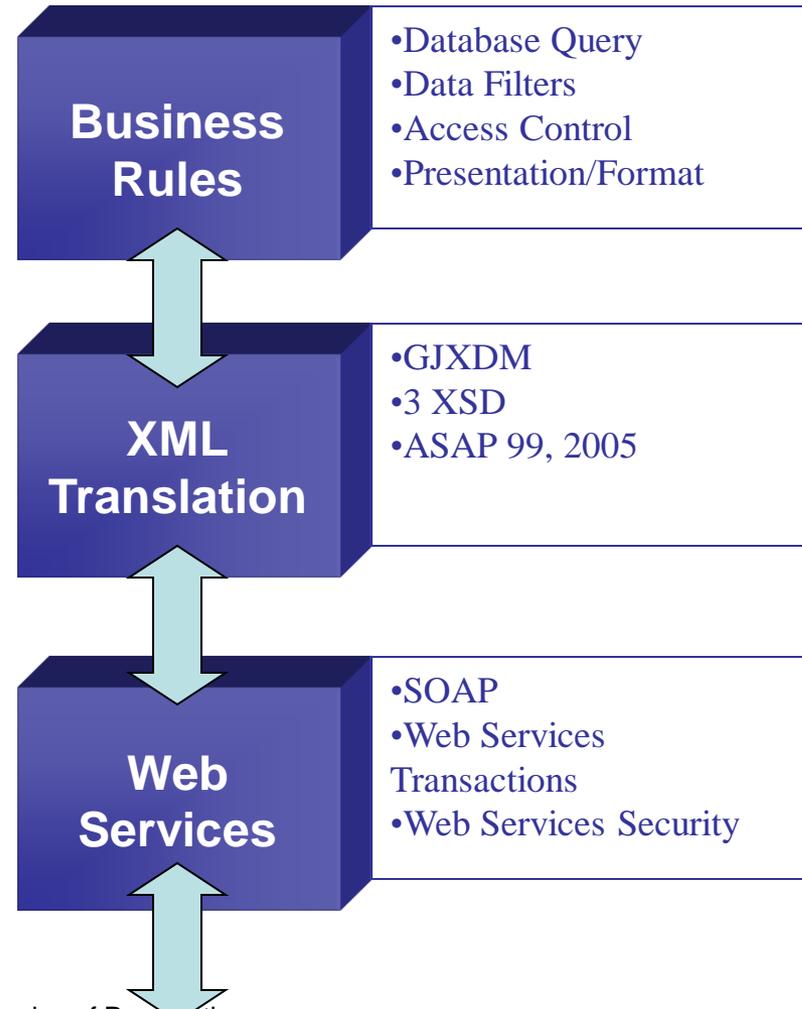


COTS Solutions



Build vs. Buy

- Core Tech Needs
 - Web Services
 - Workflow/Biz rules
 - XML support
- Build Estimates
- Buy Alternatives
 - MS BizTalk
 - BEA
 - Oracle
- Java





Considerations

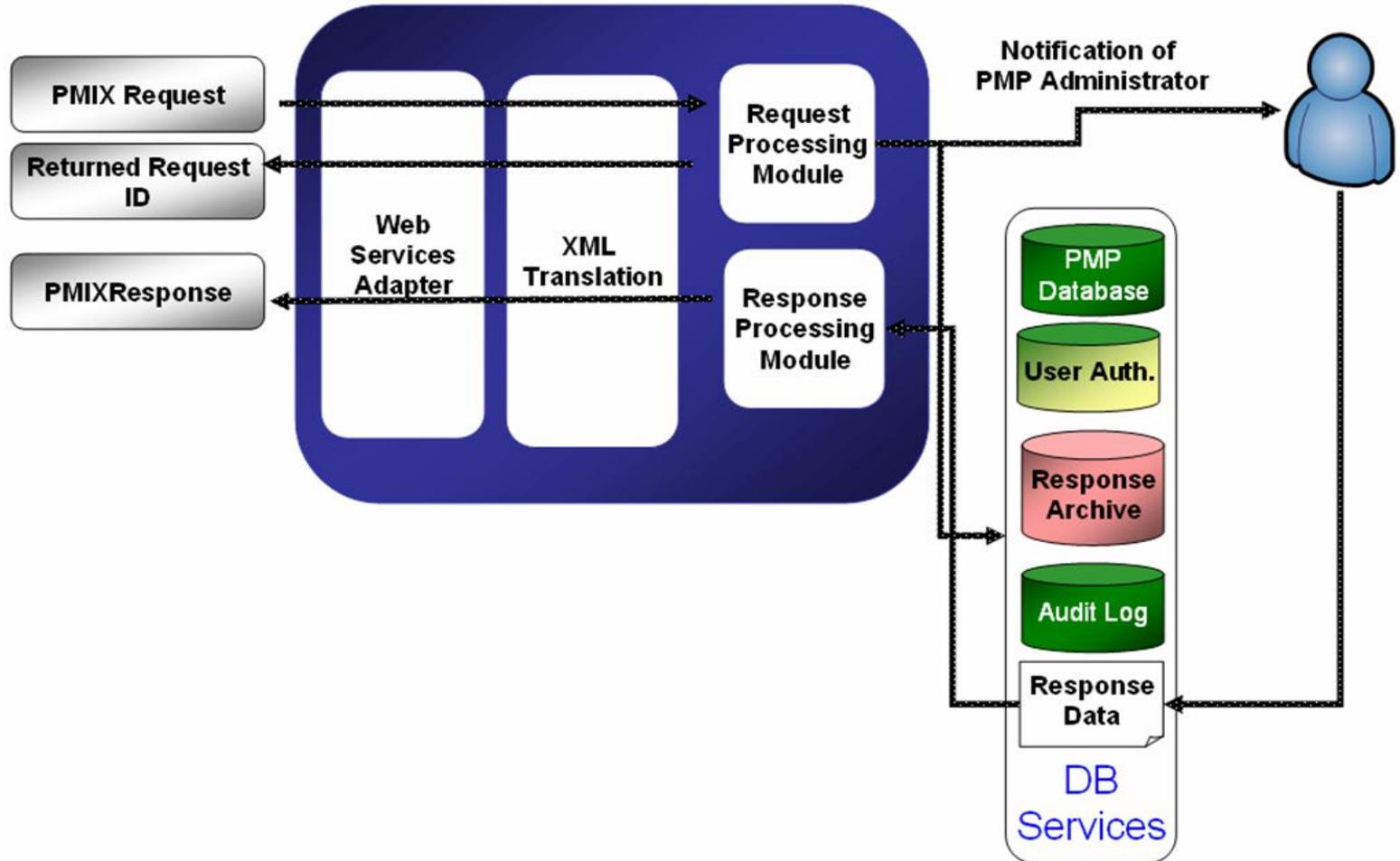
- Data Liability
- Security Architectures
 - Proxy
 - Stateful Inspection
- Web Services Security
- Presentation / Template / disclaimer



Web Services Approach

- Custom Development
- Project Charter
- IJIS Partnership
- Reusable modules

Web Services Architecture



END

