

# **Oasis XSPA Test Harness**

## **Concept Overview**

## *Problem Statement*

- **A need within the VA exists to create and test healthcare policy(s) that effect the patient and the organization**
- **Above is true for all Healthcare Organizations – Policy similarities exist**
- **Significant knowledge gap between Policy Makers and Technology Implementers, tools that bridge the gap are missing or fail to convey message appropriately**
- **Organization are not empowered to ask “What if...”**

*Solution....*

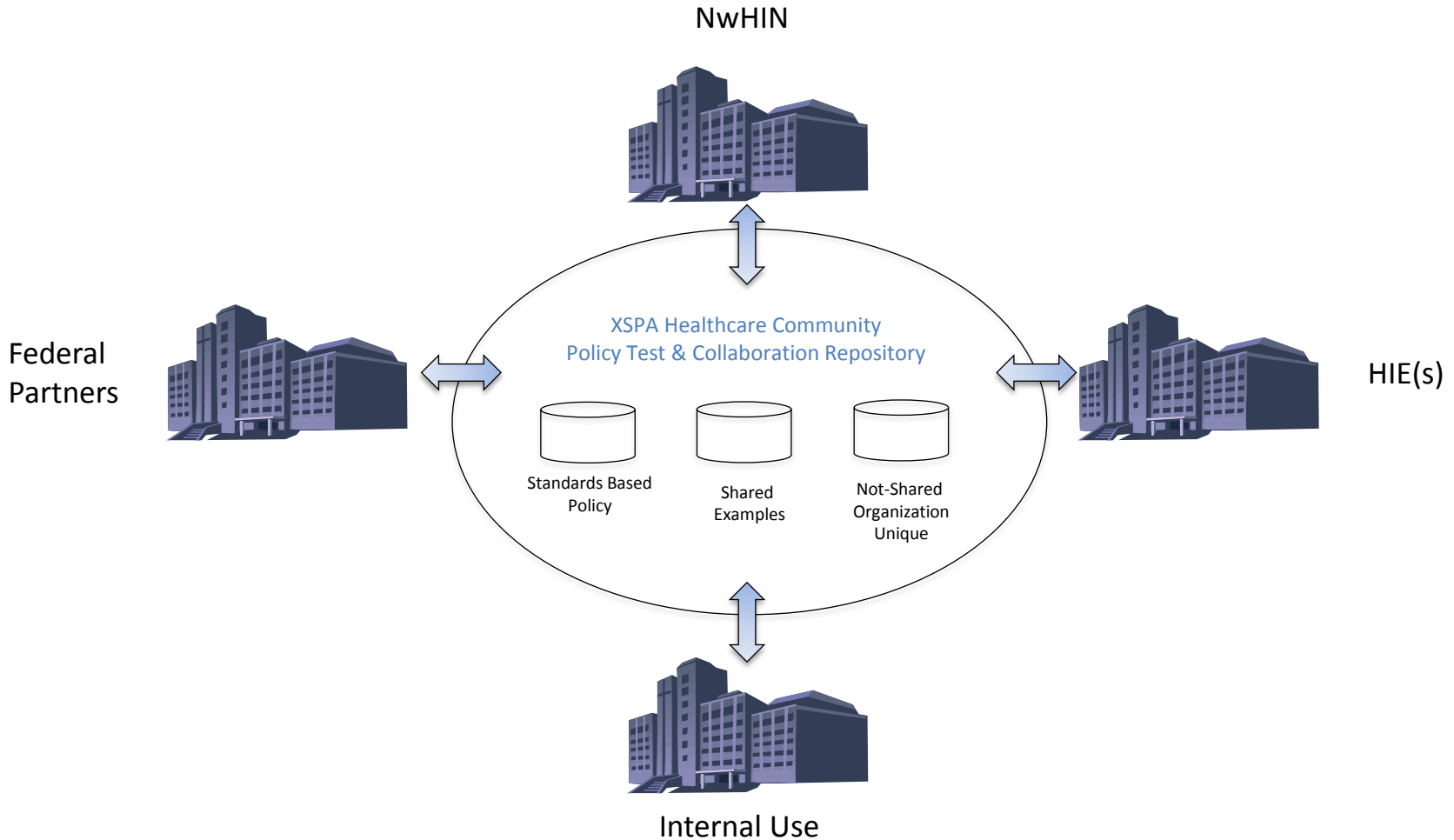
**Test Harness Core Feature Set (or Limitations)**

- Focuses XSPA profile of XACML (Cross-Enterprise testing is out)
- Inbound XACML Request Validation/Conformance
- PDP Conformance Test
  - XACML Request/Response
  - SAML2toXACML2 Profile
- Exposed as Service on the Web

*Solution....***More than just an Engineering Tool....**

- Visual Drag-n-Drop-Augment Adhoc XACML Policy Creation
- User Specific Storage, and Testing
- User Preferences
- Knowledge Management Repository(KMR) of XSPA Policy, VA Policy, etc.
- Review, Test Against, Source from and create own....
- User Account Management, and Security, organization can chose to share or not-share their policies...(This a multi-user implementation)
- User Forum and tool feedback
- Access Oasis XSPA Wiki for documentation and videos (if applicable)

### A Community of Knowledge...



### Core Policies...

#### Organization

- Allowed Trading Partners
- Required Roles
- Required Permissions
- Time of Day

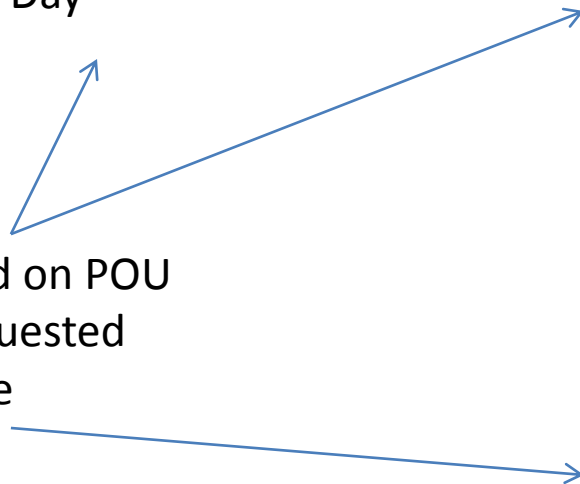
#### Patient

- Opt-In
- Expiration of Consent
- Allowed Organizations
- Denied Organizations
- Allowed Locations
- Denied Organizations
- Allowed Providers
- Denied Providers
- Healthcare Object/Resource

All based on POU  
and Requested  
Resource

#### Obligations

- Data Sensitivity Tagging and Sequestering
- Data Redaction
- Genomics



### *Issues...*

- Focus is only on XSPA(mandatory and optional) and NwHIN conformance...but allows for user adhoc testing of their own policy sets.
- Requires a real PDP on the backend....to publish to KMR and to process inbound testing
- Genomics, PCAST, Data Segmentation policies will be included but not underlying enforcement engines
- Hosting
- Funding