



Goal:

- Demonstrate WS-Trust aspects of HITSP TP-20
- Demonstrate SAML aspects of HITSP TP-20
- Satisfy XSPA Use Cases
- Produce real-time outputs of request/responses

Assumptions:

- Access control decision in consumer security domain is black boxed
- Single XACML Policy Decision Point is made available to all participants for testing
- Code is made available to vendors to create on-site test beds
- Clinical data repository and services available in San Diego

Vendor Participation:

- Slides identify components and vendor points to plug-in
- Vendors can choose to host all with exception of clinical repository and services

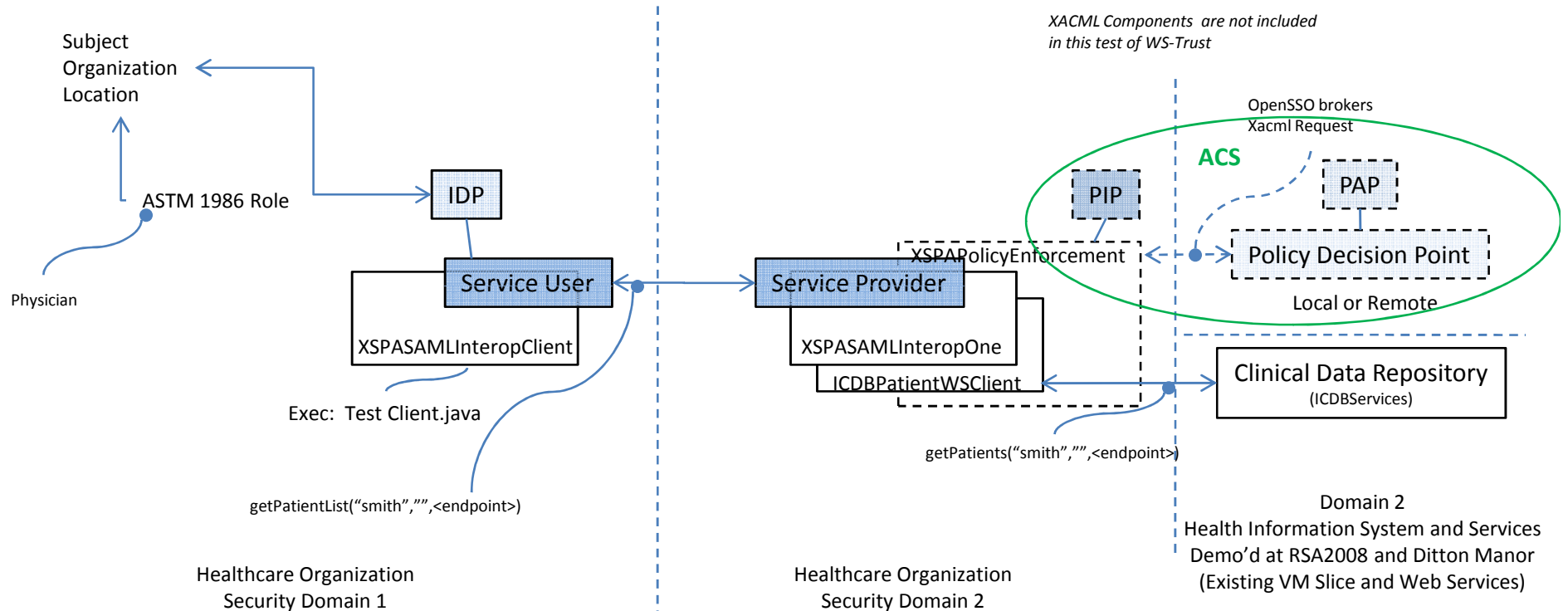
VA Delivered Components:

- Test clients and services
- Security Admin console – Patient Consent Directives, Object/Action pairings, required Permissions, and purpose of use
- Lite Electronic Health Record Application
- Simplistic tests to validate configurations
- Use Cases
- XACML Policies

SAML v2.0

SAML v2.0 Interop Coarse Grain Access Control Validation

Simple Patient Lookup – Only ASTM 1986 Role is Required



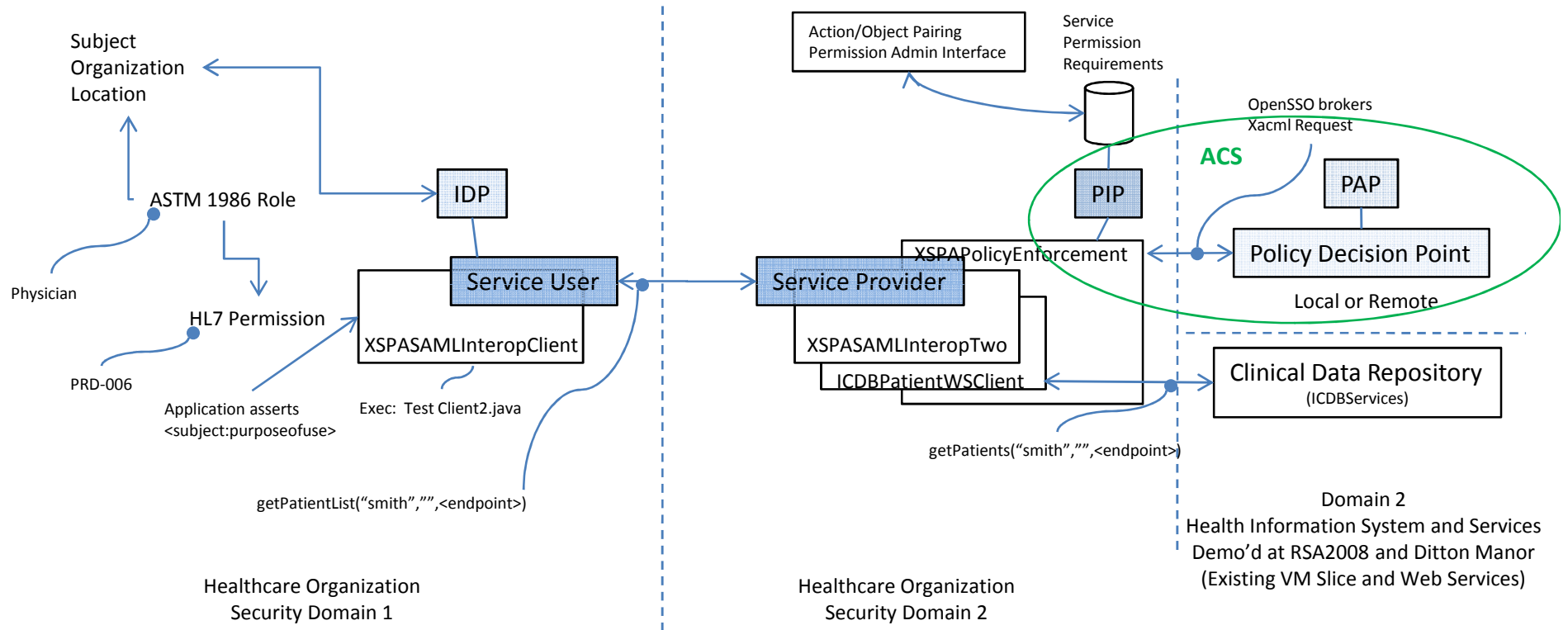
ACS – Access Control System
 STS – Security Token Service
 PIP – Policy Information Point
 PAP – Policy Administration Point
 IDP – Identify Provider (Subject Attributes)

Component Origin

- Vendor Provided
- VA Provided
- VA Provided

SAML v2.0 Interop Fine Grain Access Control Validation

Simple Patient Lookup – Permission Requirements Enforced



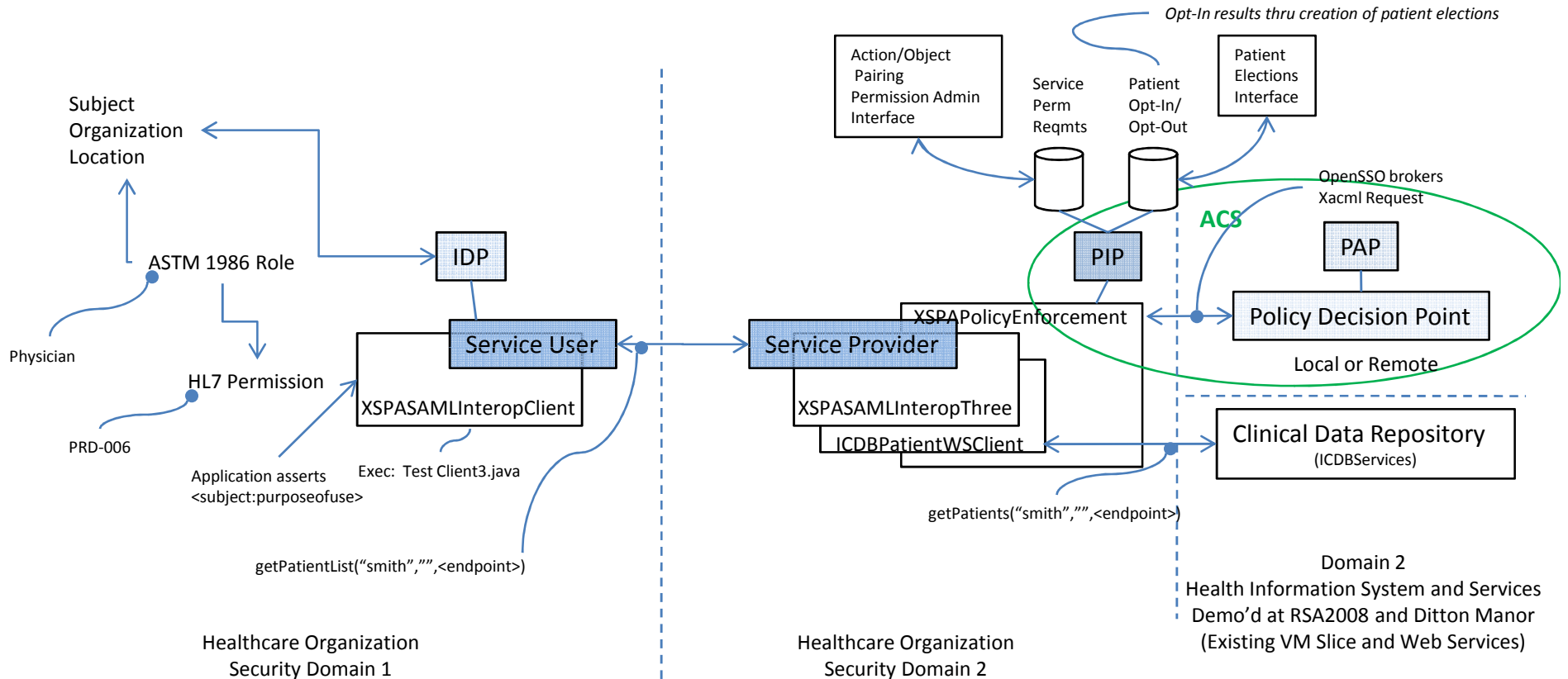
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SAML v2.0 Interop Fine Grain Access Control Validation

*Simple Patient Lookup – Permissions Enforced, Patient Consent Directives Enforced
(SAML Version of simplistic Patient Authorization)*

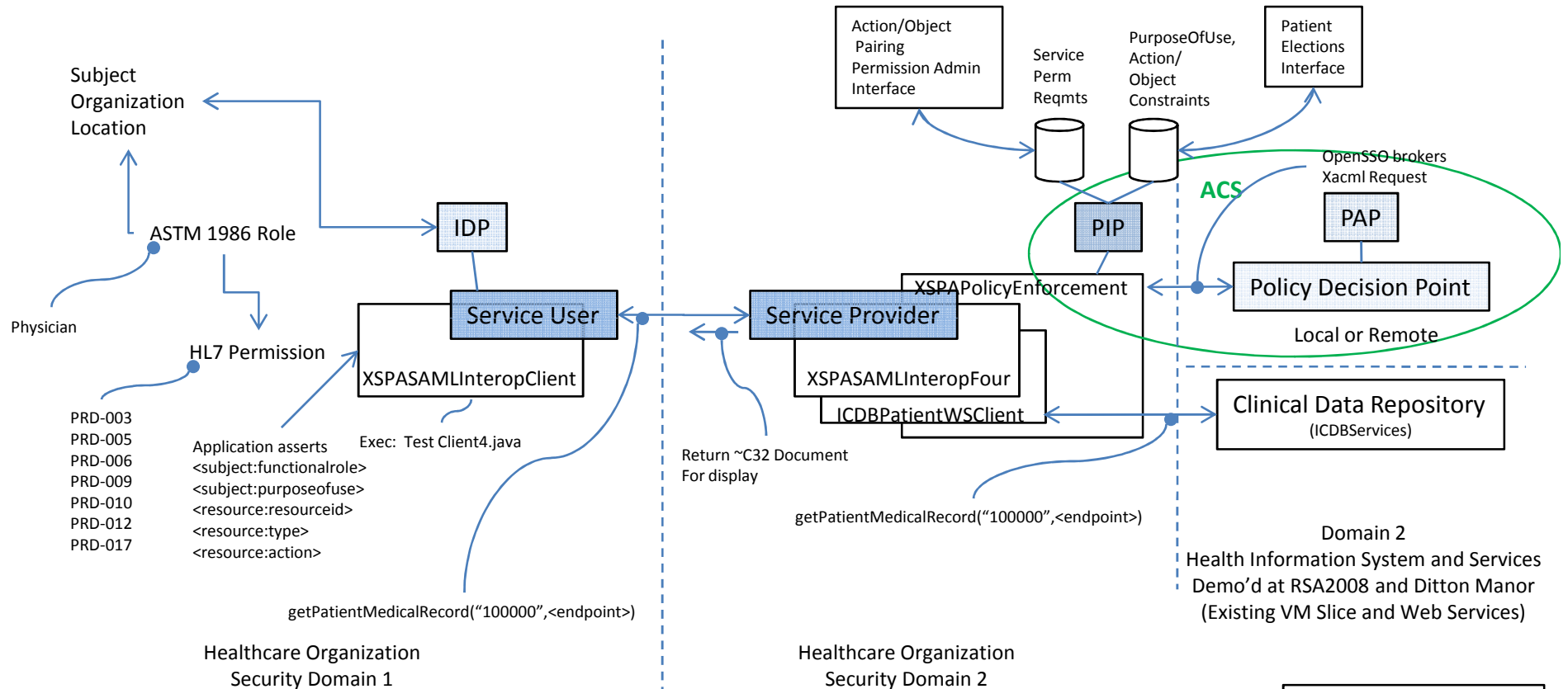


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Get Medical Record Request – Permissions Enforced, Patient Consent Directives Enforced



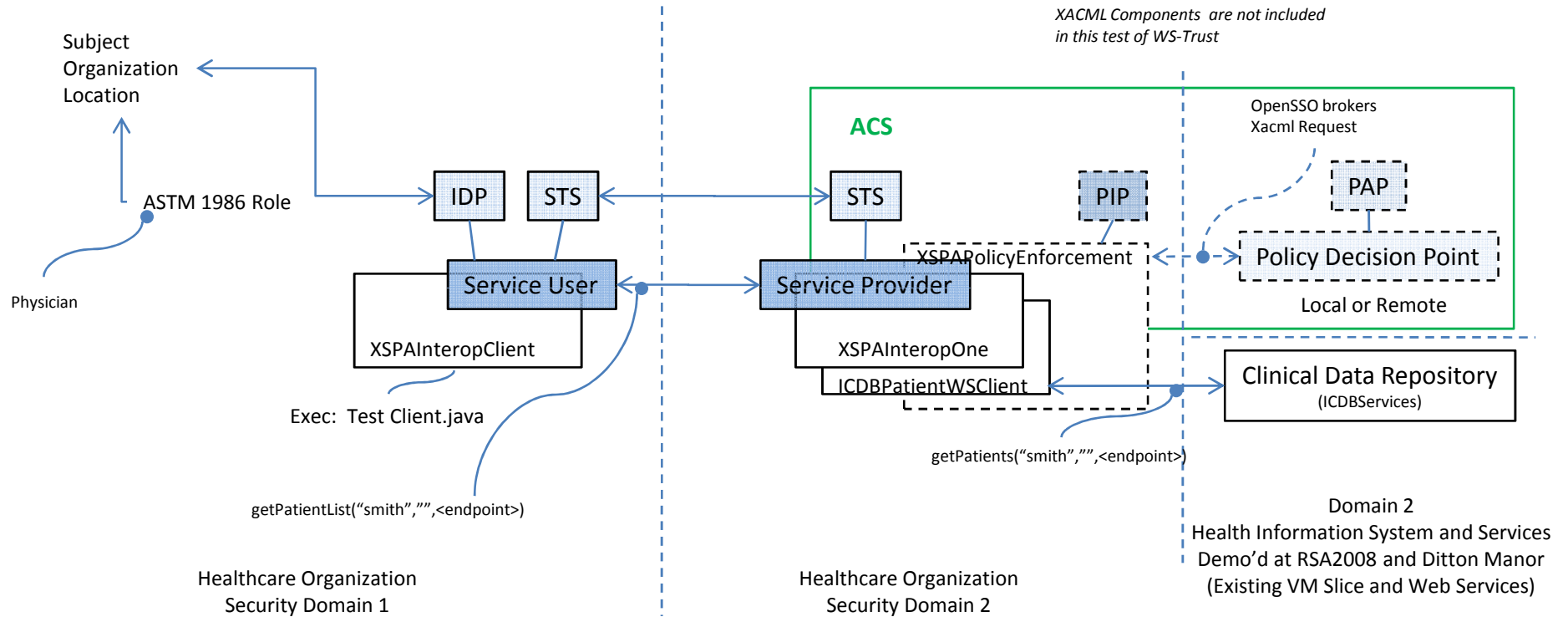
Domain 2
Health Information System and Services
Demo'd at RSA2008 and Ditton Manor
(Existing VM Slice and Web Services)

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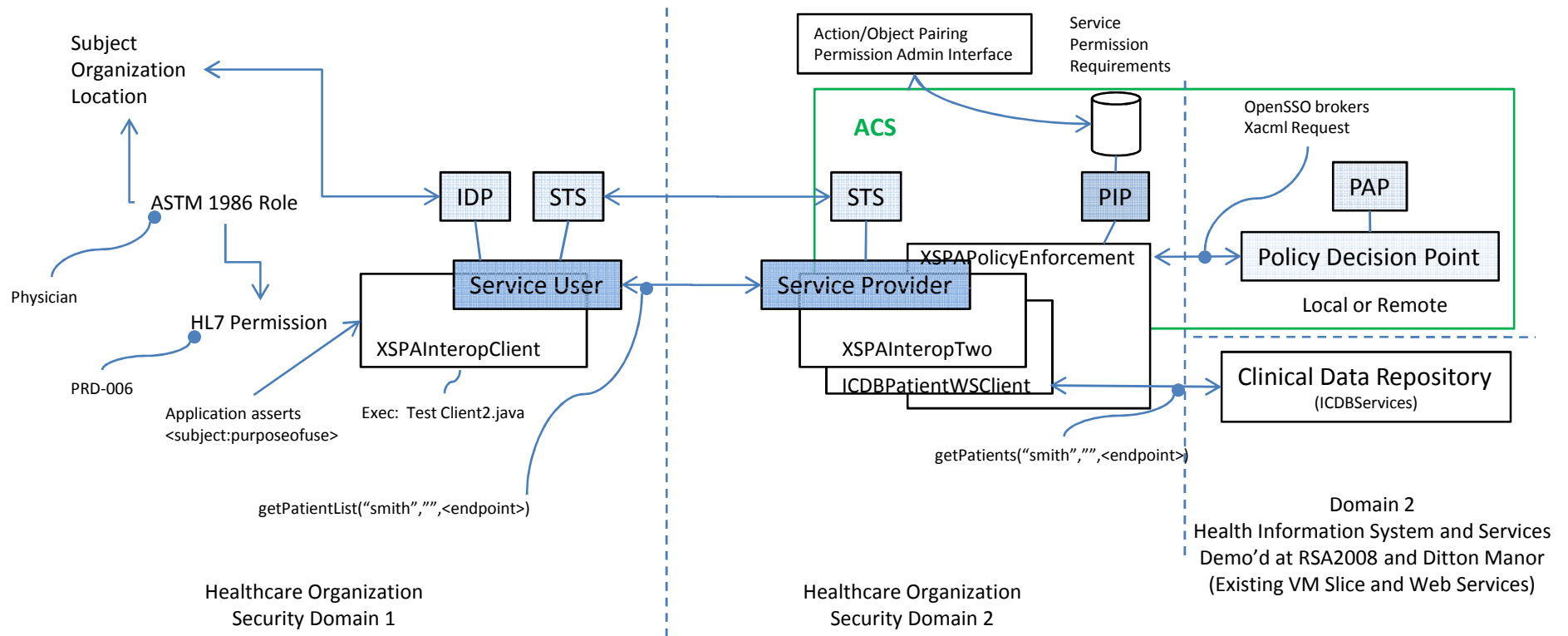
WS-Trust



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Component Origin

- VA Provided (Light Blue Box)
- VA Provided (Dark Blue Box)
- VA Provided (White Box)



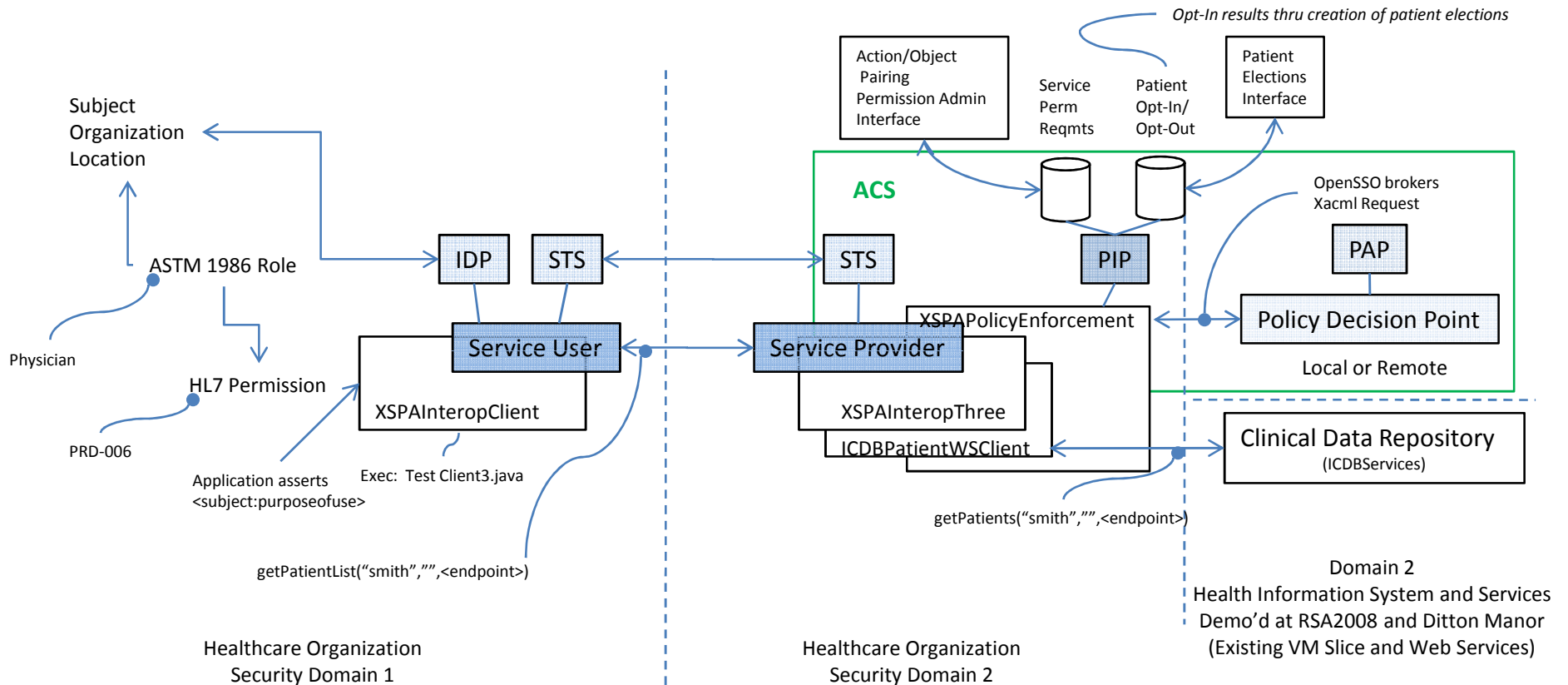
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WS-Trust Interop Fine Grain Access Control Validation

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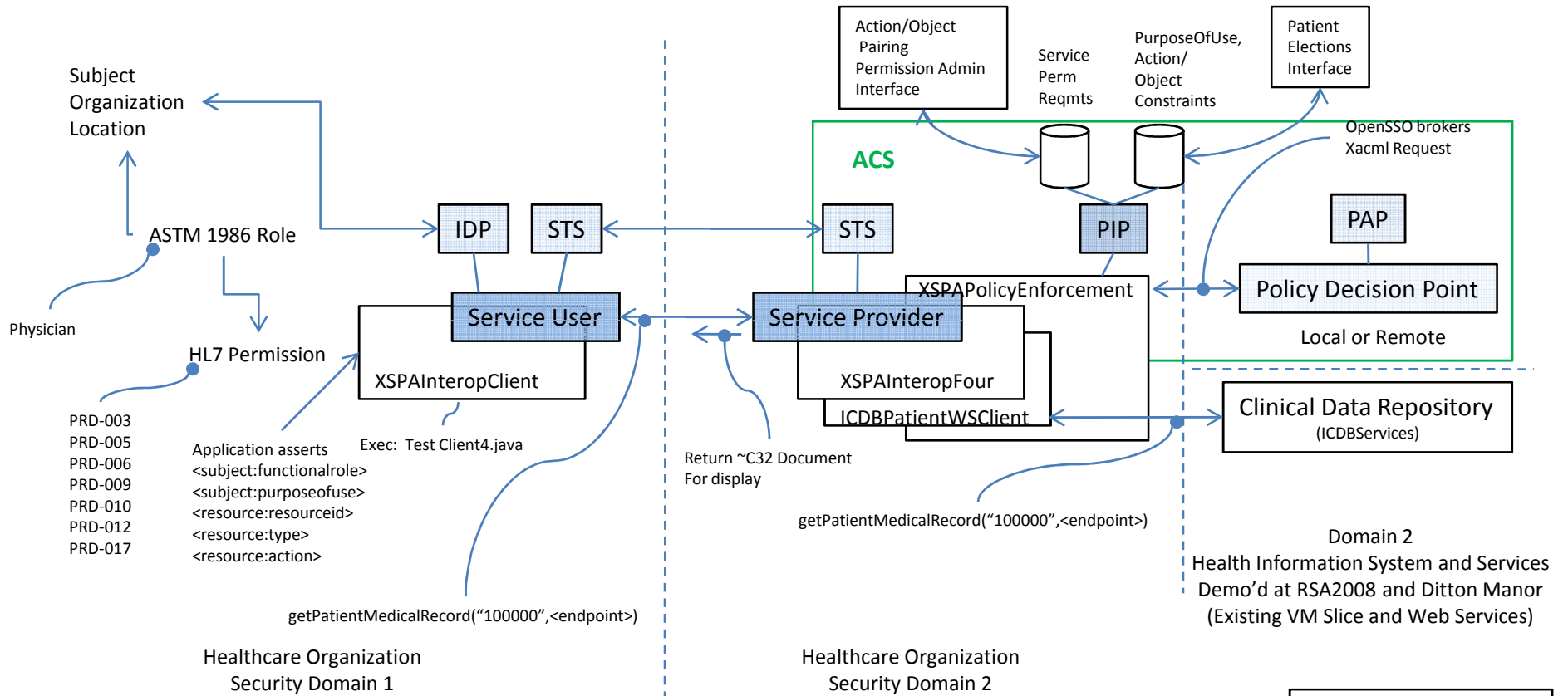


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Get Medical Record Request – Permissions Enforced, Patient Consent Directives Enforced



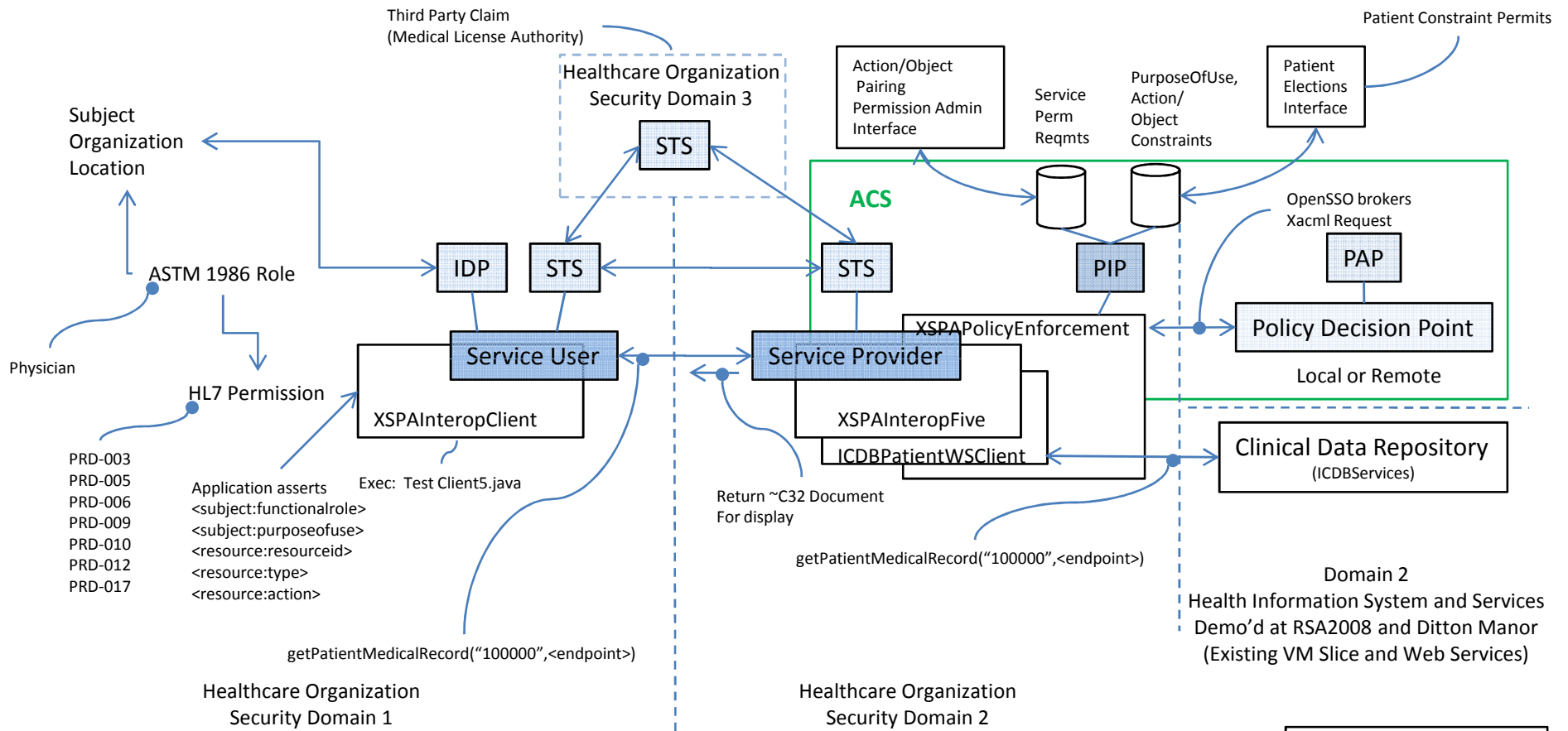
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Multi-Party Authorization Request – Access Requires Additional Claim



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