



OPEN HEALTH TOOLS

**Open Privacy, Access and Security Services
(openPASS)**

April 14, 2008



Charter-- Mission

- **The mission of the Open Privacy, Access and Security Services project is to provide a set of encapsulated, loosely-coupled and composable service components that can contribute to ensuring the confidentiality and integrity of healthcare information within a service-oriented environment.**
- **The openPASS project is intended to:**
 - build upon open standards and profiles,
 - allow developers to focus on clinical and business solutions, rather than healthcare security and privacy issues,
 - facilitate interoperability in the healthcare environment, and
 - support realization of the Open Health Tools architectural vision.

Charter-- Scope

- **openPASS addresses issues of entity authentication, authorization, access control and accountability, including**
 - Security Services
 - Identity Services
 - Privacy Services
 - Access Services
 - Audit Services
- **In addition to these basic services, openPASS expects to provide higher level services providing security and privacy infrastructure supporting OHT service consumers, service providers and**

Pushing Security to the Edge

- Benefits
 - Developers can focus on clinical and business solutions
 - An enabler of payload-neutral messaging infrastructure that maintains healthcare information integrity and confidentiality
 - An enabler of policy-driven approaches to meeting security, privacy and trust requirements
 - An enabler of alternative, flexible architectures that may facilitate organizational convergence
 - Reduces inadvertent tight coupling of services due to security requirements



openPASS Project Q2 2008 Boca Chart

Pressures/Exposures

- Several services required to be useful
- Composition required to be useful
- Requires domain expert engagement
- Resource constraints
- Divergence of related standards efforts
- Delays in emerging standards
- Jurisdictional standards differences
- Jurisdictional regulatory differences

Dependencies

- Infrastructure support from OHT
- Consensus Reference Architecture
- Successful recruitment
- Healthcare document/message standards
- Jurisdictional standards
- Jurisdictional laws and regulations

Content

- Alignment with Reference Architecture
- Recruit project/subproject leadership
- Prioritized Use Cases
- Service inventory prioritization
- Initial implementation priorities
 - Audit (basic)
 - Secure transport
 - Security context
 - Policy-driven access control (basic)
- Migration of Eclipse OHF code base
 - IHE ATNA
- Work out service orchestration strategy

Packaging Editions

Added

None—new project

Deleted & Changed

None—new project

Milestones

Apr 08
-openPASS Architecture Overview, 0.1
-Project site live
May 08
-2008 Plan
Q3 08
-OHF code migration



openPASS Roadmap

Guiding Principles:

- Align with HL7-SOA PASS Service Functional Models
- Build service inventory of composable components
- Support OHT Reference Architecture requirements

2H 2008

June 2008

Development begins

Service Candidates Published
May 2008

*Migration of OHF
ATNA code base*

*2008 Plan
published*

Project Site Live
April 2008

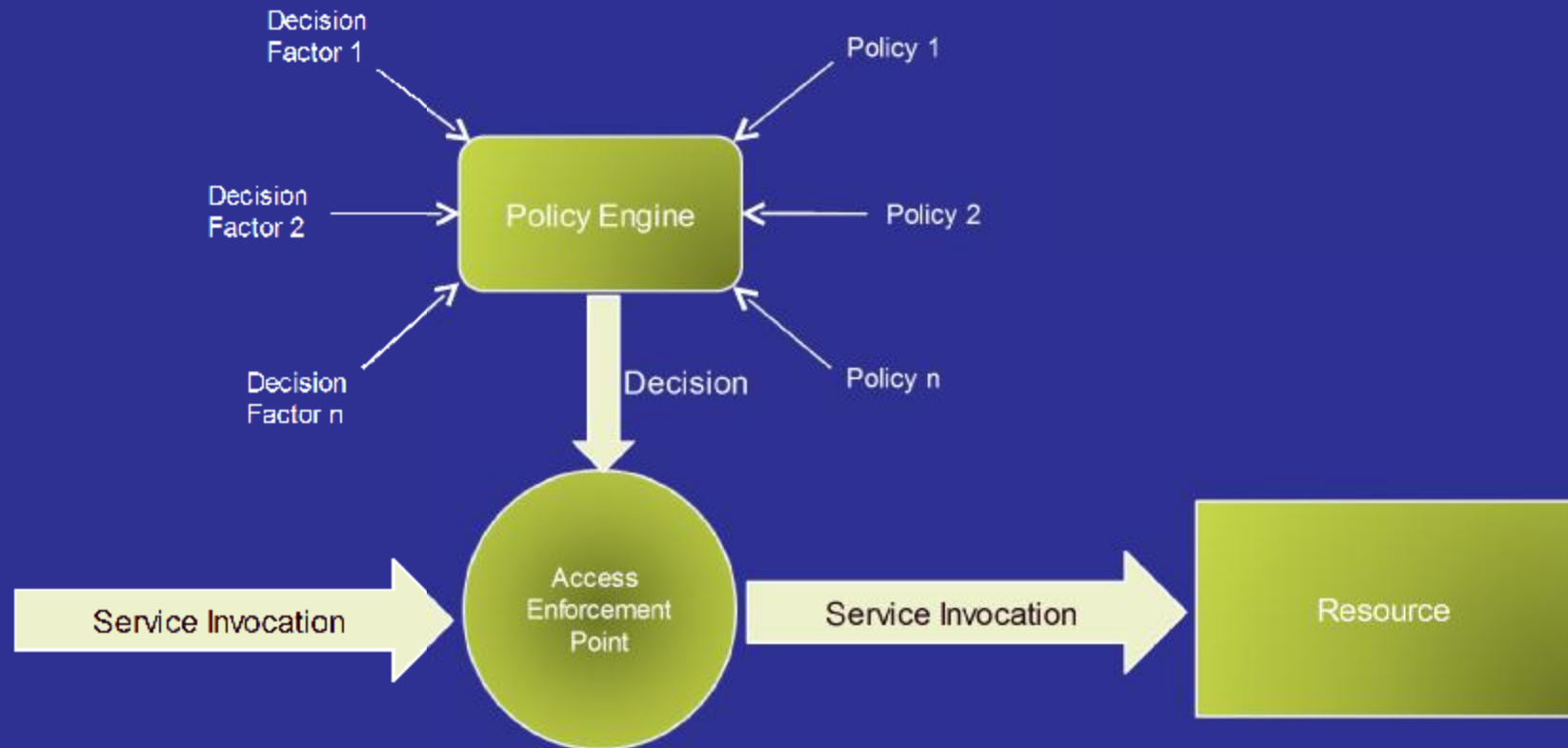
*openPASS Architecture
Overview published*

*Developer
recruiting*

HSSP PASS

- The Service Functional Model (SFM) for each PASS component defines both the functional capabilities accessible through its provided interfaces and any external service dependencies. PASS SFMs are intended to be technology neutral, platform neutral and complementary to existing specifications.

Access Control – Service Consumer



Access Control – Service Provider

