



Empowering Patients and Enabling Providers

WITH HEALTH INFORMATION PRIVACY



HIPAAT[®]
Consent Management Specialists

Agenda



About HIPAAT

About Consent
Management

Our products

Demonstration

Advantages

Q & A



About HIPAAT



- The leading provider of consent management solutions for health information privacy
- Only known commercialized solution
- Extensive healthcare and IT experience
- Participate in international standards initiatives:
 - HITSP (U.S.) including SPI Tiger Team
 - Canadian Standards Collaborative / HL7 Canada
 - OASIS (international)



HIPAAT Technologies - Highlights



- Take a best practices approach to personal health information (PHI) privacy
- 3rd party and standards-based, working across diverse applications and environments
- Web-based and automated
- Bring consumer-driven privacy to health information exchange
- Give providers access to the PHI necessary for critical care, with virtually no impact to clinical workflow



HIPAAAT Technologies - Highlights (cont'd)



- Accommodate consumer, facility and jurisdictional privacy policies
- Audit access - and attempted access - to PHI
- Server apps, web apps and database access are based on Java
- Validated on Linux and MS Windows Server
- Uses Oracle and IBM DB2 databases
- Hardware: IBM iSeries, xSeries and pSeries, Dell



Agenda



About HIPAAT

About Consent
Management

Our products

Demonstration

Advantages

Q & A



What is Consent Management?



Consent Management is a process that:

- enables consumers to establish privacy preferences to direct *who* shall have access to their electronic PHI, *for what purpose* and *under what circumstances*
- supports the creation, management and enforcement of consumer, organizational and jurisdictional privacy policies through access control mechanisms



Consent Directives



- "Consent directive" refers to the explicit granting or withholding of access to specified PHI
- One or more consent directives (rules) forms a policy - whether it be consumer, organizational, jurisdictional
- Directive examples:
 - ✦ **Consumer:** only share my lab reports with my primary care physician
 - ✦ **Organizational:** no healthcare employee is to access another employee's PHI, unless expressly authorized
 - ✦ **Jurisdictional:** only specifically-authorized individuals shall have access to mental health records



Lifecycle of a Consent Directive



Step 1 - PIP

Policy Information Point

Directives are recorded in the consent engine, forming a consumer's consent policy

Step 2 - PAP

Policy Administration Point

Consent engine administers the consent directives and generates the policy rules

Step 3 - PDP

Policy Decision Point

Consent engine checks PHI access requests against consent policies to determine if the user is authorized to have access

Step 4 - PEP

Policy Enforcement Point

Enforces the consent engine's policy decision by allowing or denying access to PHI, providing emergency override access if appropriate



Effective Consent Management



- Balances consumer privacy with clinical access to PHI
- Is vendor agnostic, working across disparate applications and environments
- Is web-based and automated (policies and procedures alone are insufficient)
- Is centralized, enabling consistent network-wide policy enforcement
- Does not disrupt clinical workflow
- Audits access - and attempted access - to PHI



Consent Management: Consumers



- Empowered to decide:
 - who has access to their PHI
 - for what purposes
 - under what circumstances
- Greater confidence in the privacy of their PHI
 - More willing to provide honest and accurate information to their care provider for electronic health data exchange
 - Higher volume of reliable PHI available to caregivers, leading to higher quality of care and increased patient safety



Consent Management: Providers



- Access a higher volume of reliable patient data
- Access the PHI necessary for critical care
- Fewer medical errors, increased patient safety, higher quality of care
- Prevent health information privacy breaches through privacy-based access control
- Implement, enforce and audit information privacy across diverse applications and environments



Agenda



About HIPAAT

About Consent
Management

Our products

Demonstration

Advantages

Q & A



Our products



HIPAAT's consent management and auditing solution includes:

- myConsentMinder
- Privacy eSuite (consent engine)
- Privacy Manager
- Universal Audit Repository
- Toolkits: JCVI and ATNA Auditlog Toolkit



Our products



HIPAAT's consent management and auditing solution includes:

- myConsentMinder
 - ✦ Policy administration point (PAP)
 - ✦ Consumer-facing - allows individuals to electronically record their privacy policies using conventional, user-friendly forms
 - ✦ Based on OASIS eXtensible Access Control Markup Language (XACML) and Health Level 7 (HL7) standards
- Privacy eSuite (consent engine)
- Privacy Manager
- Universal Audit Repository
- Toolkits



Our products



HIPAAT's consent management and auditing solution includes:

- myConsentMinder
- Privacy eSuite (consent engine)
 - ✦ Policy information point (PIP), Policy administration point (PAP) and Policy decision point (PDP)
 - ✦ Based on Service-oriented Architecture (SOA)
 - ✦ Supports XACML and HL7
 - ✦ Appropriate for any environment involving health information exchange
- Privacy Manager
- Universal Audit Repository
- Toolkits

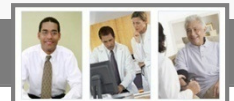


Our products



HIPAAT's consent management and auditing solution includes:

- myConsentMinder
- Privacy eSuite (consent engine)
- **Privacy Manager**
 - ✦ Front-end software application appropriate at the point of service
 - ✦ Supports XACML and HL7
 - ✦ Policy enforcement point (PEP)
 - Enforces existing directives/policies by allowing or denying access to PHI
 - Provides break-the-glass (override) access, when permitted by consumer and legislation
- Universal Audit Repository
- Toolkits



Our products



HIPAAT's consent management and auditing solution includes:

- myConsentMinder
- Privacy eSuite (consent engine)
- Privacy Manager
- **Universal Audit Repository**
 - ✦ Stand-alone central repository of audit events
 - ✦ Java-based and IHE-ATNA compliant (yr IV upgradeable)
 - ✦ Logs all access - and attempted access - to PHI and consent directives
 - ✦ Provides automatic breach alerts, e.g. of break-the-glass access to PHI
 - ✦ Offers simple search and report capabilities
- Toolkits



Our products



HIPAAT's consent management and auditing solution includes:

- myConsentMinder
- Privacy eSuite (consent engine)
- Privacy Manager
- Universal Audit Repository

- **Toolkits**
 - ✦ Java Consent Validation Interface (JCVI)
 - Allows EMR/EHR solutions to communicate with Consent Validation Services
 - Based on XACML/HL7
 - ✦ ATNA Auditlog Toolkit
 - Enables non-compliant apps to generate and send ATNA audit messages to a central ATNA audit repository



ARRA Support



Consent Validation Service and Universal Audit Repository

- Central source of ATNA audit messages in support of a comprehensive *Accounting of Disclosures* (including TPO-related)

Privacy Manager

- Provides automatic and immediate “break-the-glass” *breach alerts*
- Requests “purpose of use/disclosure” from the PHI requestor when not already provided (WIP)
 - Supports *disclosure auditing* and *restricted disclosures to payer*



Agenda



About HIPAAT

About Consent
Management

Our products

Demonstration

Advantages

Q & A



Agenda



About HIPAAT

About Consent
Management

Our products

Demonstration

Advantages

Q & A



Consent Management: Advantages



- In summary, consent management enables healthcare organizations to:
 - Implement and consistently enforce information privacy across diverse applications and environments
 - Improve quality of care
 - Prevent health information privacy breaches
 - Have access to the PHI necessary for critical care



Contact Information



- For more information or to set up an demonstration, contact:

Mr. Kel Callahan

VP, Business Development

kcallahan@hipaat.com

o. 905.405.6299

m. 734.834.2799



Agenda



About HIPAAT

About Consent
Management

Our products

Demonstration

Advantages

Q & A

