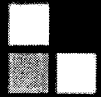




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***Liberty Alliance Project
Update***



Grew the Alliance – size and diversity

- 169 members: GSA, DoD, Canada Post, SAP, BEA, CA, Merck
- Lowered bar to Sponsorship with new fee structure
- New management board members: Ericsson, Novell, Verisign, Fidelity

Successful RSA Conference Event

- Unveiled technology roadmap,
- Released public draft of Phase II specifications
- Announced SAML convergence plan
- Interop demonstration
 - AOL, Communicator Inc, Ericsson, HP, Jabber, Mycroft, NeuStar, Nokia, Novell, NTT, Ping ID, Phaos, PostX, SchlumbergerSema, Sigaba, Sun, Symlabs, Trustgenix, Vodafone and Waveset



Deployments and Trials

- Publicly announced: Neustar, GM/Fidelity, NEC/Niteo/FSTC, Communicator Inc.
- Not announced yet: Vodafone, T-Mobile

Policy Initiatives

- Released Security and Privacy best practices document
- Successfully lobbied Article 29 working group
- Working for Liberty inclusion in E-gov authentication spec.

Other Alliance Initiatives In-progress

- Business Templates
- Certification program: Technology brand for conformance to specifications
- Multi-track model for Identity Services



Identity Federation

Enables Identity federation and management through features such as identity/account linkage, simplified sign on, and simple session management

- Spec. released
- Open source implementations
- Browser, WAP profiles
- Submitted to OASIS SAML TC for convergence with 2.0

SAML

HTTP

WAP

XML

SSL/TLS



Identity Federation Framework (ID-FF)

Enables Identity federation and management through features such as identity/account linkage, simplified sign on, and simple session management

Identity Services Specifications (ID-ISS)

Schema specifications to provide for interoperable identity-based web services.

Person Profile Service

Identity Services Framework (ID-ISF)

Provides the framework for building interoperable identity-based web services.

Discovery, Interaction

- Public Draft 4/03
- First interop. 5/03
- Spec release 9/03

SAML	HTTP	WS-Security	WSDL	XML Enc
WAP	XML	SSL/TLS	SOAP	XML Sig



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Provides the framework for building interoperable identity-based web services.

Discovery, Interaction

SAML	HTTP	WS-Security	WSDL	XML Enc	WS-Trust	WS-Federation
WAP	XML	SSL/TLS	SOAP	XML Sig	WS-Policy	WS-Privacy

SAML	HTTP	WS-Security	WSDL	XML Enc	WS-Trust	WS-Federation
WAP	XML	SSL/TLS	SOAP	XML Sig	WS-Policy	WS-Privacy

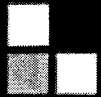


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Business Guidelines

Business Requirements for Wide-scale adoption of Federated Identity

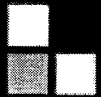
- Mutual Confidence
- Risk and Risk Management
- Liability
- Compliance



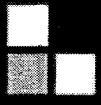
- **Business Standards**
 - Accreditation standards and guidelines
 - Technical standards and associated levels of performance
 - Security and Privacy standards
 - Adoption and alignment with legal standards (such as HIPAA)
- **Minimum Requirements**
 - Internal controls
 - Service Level achievement against controls and technical standards
 - Employee integrity/certification requirements
 - Audit
- **Certification and Auditing**



- Best Practices
- Revocation Procedures
 - Procedures for revoking credentials
 - Procedures for suspending an identity
 - Procedures for lowering confidence in a particular interaction
- Fraud Protection Measures
 - Security Policy for Identity Management Providers
 - Security Policy for Attribute Management Providers
 - Security Policy for Service Providers (attribute confidentiality).



- Allocation
 - Proportion
 - Flow
 - Insurance
- Dispute Resolution
 - Time consuming
 - Costly
 - Resource Intensive



- General Compliance
 - Agreed standards, policies, procedures
 - Contract – bi-lateral, multi-lateral
 - Trade Association
- Privacy Issues
 - Privacy interest of the consumer
 - Privacy interest of the business/agency
 - Privacy interest of employees



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Industry Alliances

- | | | |
|--|---|---|
| Access Ticket Systems Inc. | Cohesity, Inc. | Fujitsu America |
| ACT Worldwide, Inc. | Commerce One, Inc. | Frank Software |
| Acondata Technology | Communicator, Inc. | Genplus |
| ActivCard | Computer & Communications Industry Association | General Motors |
| ACBIA Corporation | Computer Associates International, Inc. | Healthcare Financial Management Association (HFMA) |
| America Online, Inc. | Connecterra, Inc. | Hebrew Institute of Physics |
| American Express Travel Related Services | Convergys | Hermit Associates LLC |
| Arcor Online GmbH | Cygnus Inc | Hewlett-Packard Company |
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| Bell Canada | Diversinet Corp | International Security, Trust and Privacy Alliance |
| Bharat AU | Earthlink Inc | Internet2 |
| Bridgewater Systems Corp. | EDucation Software Inc. | Imun, Inc. |
| BUPA | EEcraft Group | Isabba, Inc. |
| Business Layers | Electronic Data Systems, Inc. | Iowa Wireless Competency Centre (IWCC) |
| Calendra | Engineering Partnership in Lancashire | Italy Systems, Inc. |
| Canada Post Corporation | Emergency Solutions | KDDI Corporation |
| Caution Solutions | Enterprise Java Victoria Inc. | Kinross, Inc. |
| Cavio Corporation | Ernst | Lockheed Martin Corp. |
| CCL/ITM | ePresence | Lycos Europe GmbH |
| CDC Mercore | Ericsson | M-Tech Mercury Information Technology Inc. |
| Center for Democracy and Technology | Fair, Inc. | MasterCard International |
| CheckFree | Fidelity Investments | Marck & Co., Inc. |
| Chief Information Office Austria | Financial Services Technology Consortium | Mariden Financial Software OY |
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| Citigroup | France Telecom | Mitsubishi Electric Corp. |
| | Fraunhofer Institut for Experimental Software E | Microsoft, Inc. |



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Network365
Newstar, Inc.
Newspaper Association of America
Nexel Communications
Nippon Telegraph and Telephone Company
Nokia Corporation
Novell, Inc.
NRI Pacific, Inc.
NTT DoCoMo, Inc.
Oberthur Card Systems
Oblix, Inc.
OKI Electric Industry Co., Ltd
Openwave Systems, Inc.
Organization Internationale Pour La Securite des Transp
PAM Forum
PassGate Corporation
PeopleSoft, Inc.
Phasx Technology
Phoenix Technologies, Ltd
Ping Identity Corporation
PivX Corporation
Quintess
Radecchio Ltd
RegistryPro, Inc.
Royal Mail Group plc

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SAP AG
SchlumbergerSema
Semillon
Siemens AG
Sigaba
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Skytech Solutions LLC
Software AG
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Sprint PCS
Stelvia
Studio Notabile Gerghani-SNO
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Suedbank
Synlabs, Inc.
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