

What is the Liberty Alliance?

The Liberty Alliance Project was formed in September 2001 to establish an open standard for federated network identity. The Alliance has stated this will be accomplished by developing technical specifications that support a broad range of identity-based products and network devices. It is a consortium of more than 150 technology and consumer organizations working together towards this common goal.

Why Do We Need Liberty Alliance?

Federated identity is a technology and business issue affecting practically every industry. Both businesses and consumers want the convenience and cost-savings of conducting transactions online and through mobile networks. However, businesses responsible for implementing and supporting these services are now experiencing barriers impeding growth in this area, including lack of interoperability, insufficient guidance on business and privacy aspects when deploying federated identity.

The Liberty Alliance's vision is to enable a networked world in which individuals and businesses can more easily conduct transactions while protecting the privacy and security of identity information. Liberty Alliance's open federated identity standard and business guidance will create the flexible, secure and open infrastructure that is required to support and manage these online services and transactions.

Strong Mobile Membership

Liberty Alliance is enjoying support from a large number of companies within the mobile industry. Member companies collectively represent approximately:

- 400 million mobile subscribers



- 80% of global volume of Subscriber Identity Modules (SIM)
- 55% of global volume of mobile network infrastructure, and 85% of WCDMA network infrastructure
- 50% of global volume of mobile phones.

Dozens of vendors have implemented Liberty-enabled solutions their products, featuring both Identity Federation Framework (ID-FF) and Identity Web Services Framework (ID-WSF) specifications, in both server products and devices. Several Liberty-enabled deployments are also under way within the mobile industry.

Liberty Alliance estimates that there will be more than 400 million Liberty-enabled devices and on-line identities by the end of 2005.

Liberty Alliance at 3GSM

Hall 3, Stand J52

Liberty-enabled implementations demonstrated by Nokia, Sun Microsystems and Vodafone

Community Information Share Service – CISS

CISS is a joint proof-of-concept demonstration by Nokia, Trustgenix and Vodafone. It demonstrates the use of Identity Web services in a distributed device and server environment. A group of people sharing the same interest (business or personal) can easily create a forum to communicate with each other, set up meetings, share information about upcoming events, etc. The demo showcases a system of Web Service

Consumer (WSC) and Provider applications (WSP) on both mobile devices and servers, sharing and accessing each member's device calendar and contact book data, pointing out how a mobile device can act as a Web services provider using the Nokia Web Services Framework for Nokia Series 60 devices.

User-friendly Liberty-enabled browsing – Vodafone Live! mCommerce

In a joint pilot, Vodafone, Nokia and Trustgenix show how the user can gain seamless access to third party services, provide shipping information and other attributes with a minimum of fuss. The user can also choose to share the current location to obtain further service options.

The Vodafone Live! mCommerce demonstration shows some of the key benefits of the Liberty Identity Federation and Identity Web Services specifications, including for instance:

- Single Sign-On to third party services – seamless access to trusted services. The seamless access is obtained when third parties teaming up with the operator to create a Circle of Trust, making it possible to use Single Sign-On between the different services.
- The Discovery service helps to automatically identify the available, Liberty-enabled resources for the user. Once authenticated to Vodafone Live!, the user can go to third party service and download applications, logos, buy goods or services.
- The Personal Profile is supported to minimize the need for data input – in this case address information is automatically provided upon user acceptance.

Should the user wish to purchase the product from a physical store, a location-based service can be used to locate the nearest outlet. The user can, after approving to provide the location information, be presented with an option of the nearest place where the product can be purchased.

The payment is handled through the mobile subscription, also upon user consent.

Smart and simple application – Address Book

This example application, developed by Nokia and Trustgenix, shows how the user seamlessly can be authenticated to, and discover and invoke an address book database application, which for example can be located in the own company's intranet. Through simple search commands, the user can find the needed contact information, and store it in the device's contact book. The demonstration shows some key features of the Nokia Web Services framework for mobile devices, available for Series 80 and, in Q1/2005, Series 60 smart phones.

Radio@AOL

The Radio@AOL was the basis for a joint demonstration by AOL, Nokia, SUN Microsystems, and Trustgenix. It shows how the user can access the Radio@AOL service with a single click. The implementation is based on Liberty Alliance's Identity Web Services Framework specifications, which enable seamless authentication, discovery and service invocation of the service. Furthermore, it is possible to set up a list of preferred radio stations to further increase the user convenience. The demonstration is an excellent example how the same protocols can be implemented in any device, bringing true convergence between the fixed and mobile domains.

Sun Identity Management: Building a Foundation for Federated Identity

Sun's Java Identity Management Suite consists of Sun Java System Identity Manager, Sun Java System Access Manager and the Sun Java System Directory Server Enterprise Edition. Highlighted in the demonstration will be Sun Java System Access Manager, which supports Liberty Alliance Identity Federation Framework (ID-FF), Identity Web Services Framework (ID-WSF) and OASIS SAML Specifications, and has earned Liberty Alliance Interoperable certification through successful participation in Liberty Conformance testing. Using the Java Identity Management Suite, the demonstration showcases authentication, authorization

and user service provisioning through a service provider portal using the Liberty and SAML specifications.

Ericsson and Nokia also demonstrate Liberty-enabled solutions at the Ericsson and Series 60 stands, respectively.

Free Liberty Alliance session at 3GSM!

Are you interested in finding out more about the business, privacy and technology aspects of the Liberty Alliance? Talk with the staff at Stand J52 on how you can participate in the February 16 event.



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