

Ubilogin Single Sign-On

Evaluation Program



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1. Introduction

1.1. About this document

This document contains instructions and tips on how to evaluate Ubilogin Single Sign-On (hereafter Ubilogin SSO) using the evaluation program.

Ubisecure Solutions, Inc offer a ready configured, installed and hosted evaluation authentication server on our premises that can be integrated to your existing corporate web applications using the authentication method of your choice.

1.2. Ubilogin SSO

Ubilogin SSO is a web access management single sign-on, authentication and authorization solution for web applications and web services applications.

Ubilogin SSO provides efficient role-based and user-group -based authorization, offering granular control over which users can access specific resources and substantial administrative benefits. These generate security management benefits and cost savings. The system includes support for a wide range of authentication mechanisms including passwords, one-time passwords, hardware tokens, digital certificates, smart cards, mobile phone, Windows authentication and biometrics, as well as authentication to external Active Directory, LDAP and RADIUS systems.

Ubilogin SSO is easy to install and manage, providing a ready-to-deploy solution without custom integration. The associated Ubilogin Web Agent is easy to install and configure in the web servers to be protected and served by Ubilogin SSO authentication. There are ready to install Ubilogin Web Agents for all leading Web servers and Application Server Platforms. Ubilogin SSO provides user management, authentication and authorization management, as well as cross-domain single sign-on.

Advanced deployment capabilities allow Web-based user self-enrolment and automated deployment of Ubikey software authenticators, and client software. Organizations can hence benefit from the fully automated assigning and delivery of software tokens directly to end-users or remote offices, minimizing the costs associated with authenticator deployment to individuals or groups. Ubilogin SSO also supports a unique on-line mobile authentication method that allows the one-time password to be delivered automatically to a user's mobile device.

Ubilogin SSO supports authentication and authorization standards, such as SAML, Liberty and WS-Federation.

Ubilogin SSO, Ubilogin eIDM, Ubipass and Ubikey are efficiently deployed in applications with thousands of users, as well as the nation-wide applications with millions of users.

1.3. Evaluation Program

General Information

The purpose of the evaluation program is to demonstrate the functionality of UbiLogin SSO, its wide range of available authentication methods and benefits of single sign-on. Furthermore, the ease of application integration to existing and new web applications and servers will be shown.

Evaluation program users will become familiar with the use of the UbiLogin Management console tool. UbiLogin offers the following application integration solutions:

- UbiLogin Web Agents
- UbiLogin SAML Service Provider products
- UbiLogin Application Integration Solution products
- UbiLogin Security Proxy

Using the above tools, web applications can be integrated to a demonstration UbiLogin Authentication Server conveniently hosted and managed by Ubisecure.

A typical evaluation proceeds by integrating two or more corporate applications to two or more authentication methods. One example would be to enable single sign-on using strong SMS or One Time Password authentication to two in-house applications. The sign-in method can be chosen from the list below to suit your needs.

Supported Authentication Techniques

It is possible to use the following pre-configured authentication methods as part of the UbiLogin SSO Evaluation Program:

- Username and Password
- Finnish Identity Card (HST-korttti)
- SMS text message (Ubikey SMS)
- One Time Password (Ubikey OTP)
- SAML 2.0 Identity Federation
- TUPAS: signing in through a commercial banking service
- Windows single sign-on: Automatic sign-on for AD domain users
- Wireless PKI / Mobile PKI using an ETSI MSS service
 - Sonera Tunnistuspalvelu (mobiilivarmenne)
 - Elisa Varmenne (mobiilivarmenne)
- Smart Cards containing X509 certificates
- Software Certificates
- USB tokens
- Signing in using Windows AD username and password
- Signing in using an external LDAP username and password

Please contact us for other desired authentication techniques.

Supported web and application servers

The following www and application servers are supported during the evaluation:

- Microsoft IIS
- Microsoft .NET
- Apache
- Lotus Domino/Notes
- All J2EE application servers (e.g. Weblogic, WebSphere, Apache Tomcat, jBoss etc)
- Microsoft Outlook Web Access
- SharePoint Portal Server
- Citrix Presentation Server / WebInterface

Please contact us for more information regarding the following possibilities:

- Other sign-in techniques
- Other www servers
- Use with Client/Server applications via Web Services
- Enabling secure sign-on to VPN and SSL-VPN -based products
- Third-party off-the-shelf product integration
- SAP Web Application Server
- Microsoft Dynamics etc

1.4. What is included in the evaluation program?

- Username and password to the evaluation server
<http://demo.ubisecure.com> → Eval Program
(sent by email on request)
- Pre-installed demo applications to demonstrate both single sign-on and various authentication methods without software installation
<http://demo.ubisecure.com> → demo applications are available from the links on the right hand side
- Ubilogin Web Agent software to install on your own web or application server
(available for direct download from the evaluation page)
- Software documentation regarding Ubilogin SSO products and their evaluation

From the evaluation page you can

- evaluate the Ubilogin Management administration application
- add your own applications to the system
- add and manage users in Ubilogin's own user directory
- develop suitable access control and authorization rules
- change user and password information using the self-service Ubilogin Personal application

1.5. What is not included in the evaluation program?

Not all product functionality is available as part of the evaluation program. The following features are not available for testing without special agreement:

- Installation and configuration of the Ubilogin server on your own network
- The use of your own Active Directory or LDAP directory as a user repository
- Ubilogin Server management application's Identity Broker Engine features: user roles, attributes, access control and user role delegation for integrated user directories
- Ubilogin High Availability: Clustering of Ubilogin servers
- Ubilogin WSIDP: Web Services authentication and access control
- Ubilogin Ubipass: RADIUS-authentication (e.g. SSL-VPN) and access control

To evaluate the above product features, please contact Ubisecure for more information regarding the Ubilogin Developer Program. The Ubilogin Developer Program enables more tightly integrated software evaluation, proof-of-concepts and pilot project development.

2. The evaluation process

2.1. Step-by-step evaluation guide

1. Using the provided username and password, login to the address <http://demo.ubisecure.com> → Eval Program
2. Change your password using the Personal application <https://ubilogin.demo.ubisecure.com/personal>
3. Review the evaluation pages as well as the Ubilogin demo at <http://demo.ubisecure.com>

Using the credentials provided for various authentication methods, you can sign in to the sample applications and explore the system functionality.

4. Using the Ubilogin Management console application <http://demo.ubisecure.com> → Eval Program → Ubilogin Management you can:
 - a. Integrate your own web applications to the authentication service (see point 5 below)
 - b. Add new users and grant them access to your application. By request, you can also allow other users at your organization to have administrative control to add and modify users and manage authorization policies.
5. Install the Ubilogin Web Agent on your own web or application server using the instructions provided in the Ubilogin Web Agents: Installation guide. In the guide, you will be instructed to create a Web Agent in the management application and download an activation file to your own web or application server. The Ubilogin Server Management Guide is available for download from the evaluation page. By installing a Web Agent locally, you can prove how easy it is to integrate a wide range of different user authentication techniques to your applications and web content. Anything that can be referred to by a web address can be protected with Ubilogin SSO.

- a. If required, Ubisecure can assist in the installation of the web agent. Please contact us at support@ubisecure.com .
 - b. You can also install the Web Agent yourself. Please contact us at support@ubisecure.com if a suitable Web Agent for your environment is not available for download from the evaluation page.
6. When the basic evaluation has been done and integration of your application to the Ubilogin server is completed, additional integrations can be performed by agreement. For example, enabling that Windows users in your environment are automatically signed in to a web application once they have signed in to their workstation.
 7. To conclude the Ubilogin SSO evaluation program, please contact Ubisecure to discuss migration to production or to close and deactivate your account and registered services.

2.2. Login screen customization

The login screens are by default in Ubisecure's own colors. It is possible to change these colors, logo and text according to the style of your organization.

If you would like customised login screens, please send a style guide or link to a similar existing html page containing a request for login information. The changes will be made on the server and activated for your applications.

Please contact us regarding further customization to suit your project's needs. For example, it is possible to enable identity federation with single sign-on for your extranet users or to integrate an existing custom authentication method to the system.

3. Summary

The evaluation program has been established to make it easy to discover the various use cases and functions of Ubilogin Single Sign-on. Ubisecure is happy to assist you throughout your evaluation process. Please do not hesitate to contact us to ensure your test use of our products succeeds and fulfils your requirements.

A typical evaluation lasts four weeks. After the evaluation, a possible additional step before system rollout is the Ubilogin SSO Developer Program. This provides the ability for an organization to install their own locally hosted Ubilogin SSO Server and complete tighter integration with existing identity management systems, such as local Active Directory or LDAP user repositories. For more information regarding the Developer Program, please contact Ubisecure.

4. Contact Information

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About Ubisecure

Ubisecure Solutions, Inc. is a leading partner in providing advanced authentication, access control, federation and identity management solutions for Internet, Intranet, Extranet services and mobile applications. Ubisecure provides application developers, integrators, solution providers, OEMs and end-user organizations with IT-security software solutions that maximize the competitive advantage of its customers. The Ubisecure product line consists of Ubilogin SSO solutions for authentication, access control, Web Single Sign On and federated access to Internet, Intranet, Extranet services and Web Services applications; and Ubilogin eIDM solutions for extranet identity management. Ubisecure has offices in Finland and Sweden.

For more information, visit Ubisecure 's web site at www.ubisecure.com

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