

Single Sign On for Mimeo - Developers Guide

What is it?

Single sign-on (SSO) is a method of access control that enables a user to authenticate once and gain access to the resources of multiple software systems. That means your users can access Mimeo directly from your corporate intranet, LMS system or any other secure system deemed to be a trusted authority without requiring separate Mimeo login information. SSO is designed for use with a private Mimeo Marketplace. Existing users are seamlessly logged into Mimeo without having to enter any login information. For users who are new to Mimeo, an account is created on the fly and the appropriate corporate pricing and other account attributes are applied automatically. If your system also provides Mimeo with an internal unique account ID, the SSO will even support email address changes.

Why do I want it?

Benefits of using the SSO include:

- Reduce or eliminate administrative costs around Mimeo account management
- Added convenience leads to increased user adoption, satisfaction and productivity
- Immediate and automatic set up of new Mimeo users 24/7

How does it work?

Mimeo uses SAML 2.0: A version of the SAML OASIS standard for exchanging authentication and authorization data between your domain and your Mimeo marketplace domains.

SAML 2.0 is an XML-based protocol that uses security tokens containing assertions to pass information about a principal (usually an end user) between an identity provider and a web service. SAML 2.0 enables web-based authentication and authorization scenarios.

For users new to Mimeo, an account will automatically be created and permissioned to the appropriate entitlements before being logged in. Existing Mimeo users will be logged in immediately and their Mimeo account data will be updated.

Reference: http://en.wikipedia.org/wiki/SAML_2.0

How do I start?

Mimeo will provide you with a sample SAML 2.0 message with all the data values and URLs needed to begin coding for your specific marketplace.

What data needs to be sent?

The SSO request Url which accepts SAML 2.0 request is:

<https://my.sandbox.mimeo.com/sso/authenticate.ashx>

Parameter	Description	Required	Provided By
<i>redirectUrl</i>	Url that user needs to be directed to after user account has been authenticated successfully. This will be the Marketplace URL.	Yes	Mimeo
<i>errorUrl</i>	Url that user needs to be redirected to if any error occurs during authentication process. This page is hosted by client.	No	Client
<i>firstName</i>	User's first name	Yes	Client
<i>lastName</i>	User's last name	Yes	Client
<i>email</i>	User's email address.	Yes	Client
<i>companyName</i>	User's company name.	Yes	Client
<i>companyId</i>	Mimeo assigned company ID.	Yes	Mimeo
<i>initialCredit</i>	One time assigned to a newly created user account.	No	Client

<i>UpdateCredit</i>	Boolean to let us know if you want to update Credit	No	Client
<i>organizationId</i>	Mimeo assigned Organization ID.	Yes	Mimeo
<i>customId</i>	Internal unique account ID.	No	Client
<i>authorizedMarketPlaceUrl</i>	The Marketplace url which user has permission to access.	Yes	Mimeo

Prerequisites

Please work with your Mimeo Account Executive to create / setup your company marketplace before starting your SAML 2.0 integration. The Marketplace must exist for Mimeo to give you the necessary information to enter in the Mimeo supplied parameters outlined above.

Before we can authenticate your SSO request, you will need to provide us with a x.509 certificate public key file which is needed to ultimately authorize access to a marketplace via SSO.

Production vs. Sandbox

We start every SSO project by testing our integration in our sandbox. Once you are ready to move to production, we will supply production environment parameters and URL.

Error Codes & Messages

Note that optional fields not being used should be represented by an empty string.

Code	Message
101	The Organization ID does not exist.
102	The user's email address already exists on other user's record.
103	The user is disabled.
104	The user's organization doesn't match.
108	The authorizedMarketPlaceUrl not found in database.
109	The user's email already exists in database record.
110	Unable to create a new user account.
111	Initial credit is not in correct format. If there is a decimal point it requires 2 numeric characters after the decimal point. For example, 3.10 is valid but 3.1 is not.
120	GUID format error – Company ID= { xxxx }.
122	The company doesn't exist. Company ID = {xxxxx}.
124	The length of first name, last name, custom id, email and organization ID can't be zero.
127	Email format is incorrect.

For all questions and comments, please contact:

Raul Moncada
 Director, Enterprise Development
 1-512-578-9450
 Email: rmoncada@mimeo.com