

Campus-Wide License Management Shibboleth

MathWorks





Identity Management Overview

- Integration with Shibboleth for Identity Management
 - Shibboleth is open source software that allows a Service Provider (MathWorks) to leverage an Identity Provider's (University) identity management systems to verify users' status.
- MathWorks is a participant in:
 - InCommon: US Federation
 - eduGAIN: Global Interfederation
- InCommon and eduGain federations, through its trust agreements and federating software, allows identity providers to manage user privacy and information exchange.



Identity Management Workflow - Attribute Assertion

MathWorks leverages the attribute assertion using Shibboleth as part of the InCommon Federation. In order to support this workflow, the release of the following attributes are required:

- eduPersonPrincipalName <u>or</u> eduPersonTargetedId
- eduPersonScopedAffiliation

eduPersonPrincipalName/eduPersonTargetedId is used as a unique identifier for the user and eduPersonScopedAffiliation to determine if the user should be granted access.

The following attributes are also used to assist with the user's creation of a MathWorks Account, but they are not required to be submitted via Shibboleth:

- mail
- givenName
- sn sn

A user can manually enter these three if they are not passed.



End User Workflow – License Association

Workflow for End Users gaining access to the Campus-Wide license.

 Users are guided through MathWorks Account creation and brought directly to Download area of website.

User begins by clicking on **Identity Mgmt URL** and then performs following steps:

Create/Log In MathWorks Account University Log In **Complete Profile Form** Download University Log In To download MATLAB, a MathWorks Account is required. To finish creating your profile, provide the following **Get Latest Release** Sign In information: MathWorks is pleased to provide a special license to you as a student of the MWTest University Ido. This is a nited license for the duration of your academic school year and is intended to be used only for course work and We recommend using a password different from your university account not for commercial purposes R2016a Forgot your Net ID or password? Create a Net ID » Learn More Email Address jordan.schmidt1@mwtest.edu 0 Jordan \bigcirc First Name E Download R2016 0 Last Name Schmidt User ID (Optional) Password Password Confirmation



End User Workflow – Installation/Activation

Identity Authentication check during installation/activation limits usage to university users (faculty/staff/students/employees).

- Users who leave the university will not be able to perform new installations/activations.

Activation Requires Verification	University Log In	Verification Message
License Selection Select a license or enter an Activation Key The installer will determine which products to install based on your license. MATLAB SIMULINK*	University Log In	You have successfully completed the verification process.
Verify Login Information Vou must verify your university login information before you can proceed. Click here to complete the verification process from your university's login portal.	Sign In Net ID:	valid university user
OK © Enter an Activation Key for a license not listed: You may have received the <u>Activation Key</u> from the Administrator of the license.	Password: Forgot your Net ID or password? Create a Net ID Sign In	Not valid university You are not permitted to use this license for <university name=""> For further assistance, contact your university.</university>
Kancel Help MathWorks		user



Identity Management Checkpoints

Users are required to verify their University account when performing the following actions:

- Associate to Campus-Wide License
- Install Campus-Wide License
- Activate Campus-Wide License

NOTE: Once MATLAB is installed and activated on a users' computer, they will not be prompted to verify their university account at MATLAB startup. However, when the license expires, the user will be prompted to verify their university account if attempting to re-activate.