Operator authentication using Active Directory

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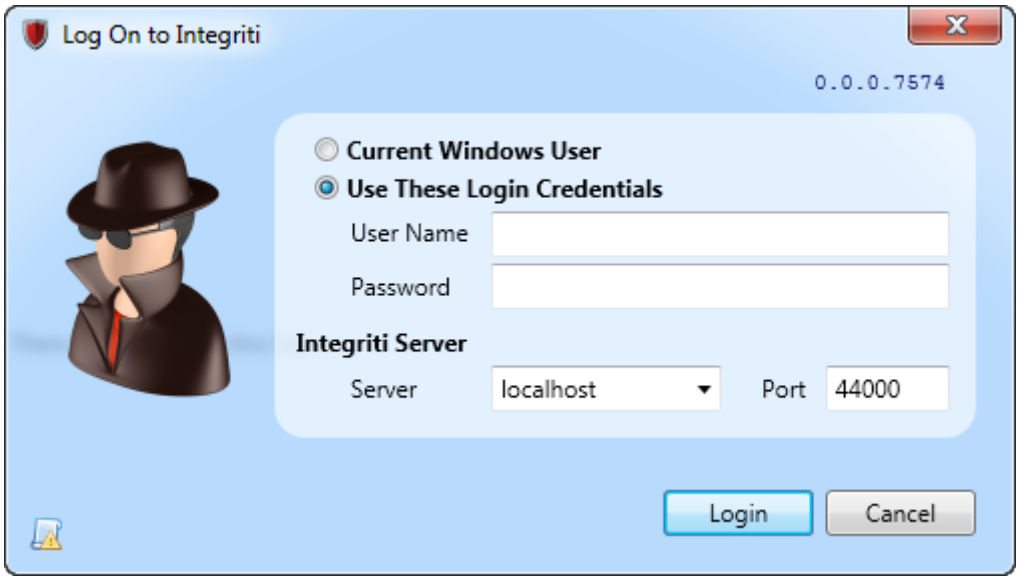
Integriti software V3.1.4.7359

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Introduction

Operators using Integriti can authenticate using Active Directory when logging in to Gate Keeper or System Designer.



There are a number of configuration options that allow the administration of operators through the use of Active Directory and the built in Integriti Operator permissions.

Operators can log in to Integriti using one of three methods:

- **Mixed Mode** - Uses both Active Directory and Integriti for authenticating users.
- **Active Directory** - Only accept Active Directory users.
- **Built In** - Only accept built in Operators.

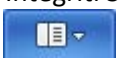
Before using the Active Directory login method, Operator logins using Active Directory authentication should be tested in Mixed Mode. Setting the login mode to Active Directory without configuring Operators or Operator Types will result in a permanent lock out of the Integriti software.

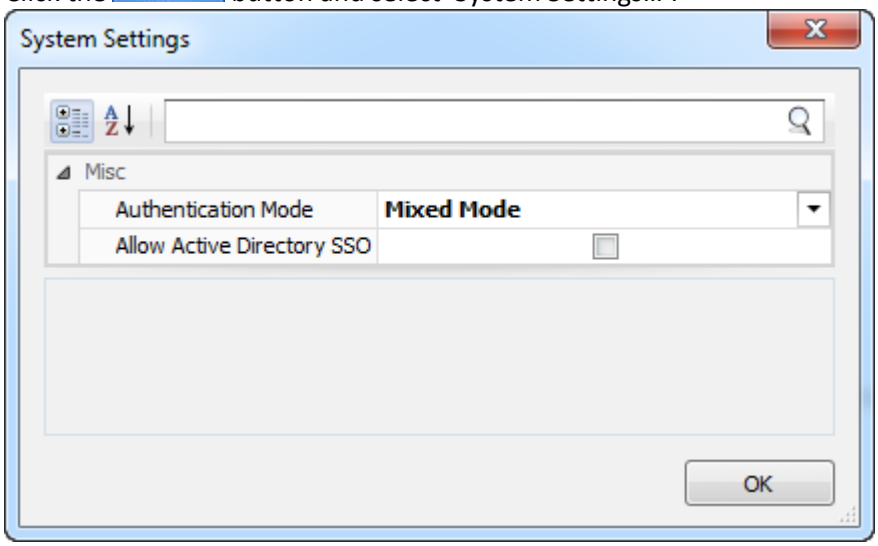
Active Directory authentication requires an 'Active Directory Operators' license.

Configuration

Mixed Mode authentication is enabled by default but requires some configuration steps before Operators can use their domain logins to launch System Designer or Gate Keeper.

Selecting an authentication method…

1. Log in to Integriti System Designer.
2. Click the  button and select 'System Settings…'.



3. Drop down 'Authentication Mode' and select the desired option.
4. If Active Directory authentication is enabled, ticking the 'Allow Active Directory SSO' option will allow users to sign on with their currently logged on windows account.

There are two methods that can be used to link Active Directory users to Integriti Operators:

- **Operators -** Individual Operator records can be manually linked to a Domain account.
- **Operator Types -** Active Directory Groups can be linked to Integriti Operator Types. Operators are created and controlled by domain administrators.

Creating an Operator with an AD user…

1. Start by clicking on the 

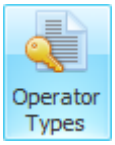
button under the 

tab.
2. Click the 

button in the Operators panel.
3. Give the Operator a Name, User Name and Operator Type.
4. Optionally, assign the operator to an Integriti User.
5. In the 'Active Directory User' field, enter the Active Directory user name.
6. Layouts can be configured and Notes can be entered if required.

- It is recommended that when using Active Directory integration not to use the Password and Account Options for the Operator.

Creating an Operator Type with an AD group…

1. Start by clicking on the 

button under the 

tab.
2. Click the 

button in the Operator Types panel.
3. Give the Operator Type a Name, Layouts and Notes as required.
4. Enter the name of the Active Directory Group in the 'Active Directory Group' field.
5. Configure the Type Permissions, Extra Permissions and Features as required.

- Active Directory Users belonging to the Active Directory Group will have access to Integriti according to the permissions defined in the Operator Type.
- Operator records will be created automatically for Active Directory Users when they log in to Integriti for the first time.

Notes on usage

To log in using Active Directory credentials …

1. Start by opening the desired Integriti application.

- Select Current Windows User (In cases where Allow Active Directory SSO has been enabled).

– or –

- Enter your Active Directory user name and password.

2. Click 

.

Mixed Mode is the preferred authentication method. When using Domain logins, it is recommended that at least one Integriti Operator is created for emergency situations, network/domain controller outages and administrative tasks.

Troubleshooting

If you attempt to log in to Integriti without an 'Active Directory Operators' license the following login error message will appear:



If there is a network outage or domain controller is not accessible the following login error message will appear:



If the domain user does not exist or does not belong to an Active Directory Group that has been assigned to an Operator Type the following login error message will appear:

