



Customer Engagement

# EngageOne<sup>®</sup> Compose

EngageOne<sup>®</sup> Designer

## Single Sign On (SSO)

Version 6.6

US English Edition



**Copyright ©2020 Pitney Bowes Software All rights reserved.**

This publication and the software described in it is supplied under license and may only be used or copied in accordance with the terms of such license. The information in this publication is provided for information only, is subject to change without notice, and should not be construed as a commitment by Pitney Bowes Software, Inc. (PBS). To the fullest extent permitted by applicable laws PBS excludes all warranties, representations and undertakings (express or implied) in relation to this publication and assumes no liability or responsibility for any errors or inaccuracies that may appear in this publication and shall not be liable for loss or damage of any kind arising from its use.

Except as permitted by such license, reproduction of any part of this publication by mechanical, electronic, recording means or otherwise, including fax transmission, without the express permission of PBS is prohibited to the fullest extent permitted by applicable laws.

Nothing in this notice shall limit or exclude PB liability in respect of fraud or for death or personal injury arising from its negligence. Statutory rights of the user, if any, are unaffected.

\*TALO Hyphenators and Spellers are used. Developed by TALO B.V., Bussum, Netherlands

Copyright © 1998 \*TALO B.V., Bussum, NL

\*TALO is a registered trademark ®

Encryption algorithms licensed from Unisys Corp. under U.S. Patent No. 4,558,302 and foreign counterparts.

Security algorithms Copyright ©  
1991-1992 RSA Data Security Inc.

Datamatrix and PDF417 encoding, fonts and derivations  
Copyright © DL Technology Ltd 1992-2010

Barcode fonts Copyright © 1997 Terrapin Solutions Ltd. with NRB Systems Ltd.

PStill.dll (c) Dipl.-Ing. Frank Siegert, 2005-2018

PStill is a trademarked term, registered with the German patent and trademark office

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>).

Artifex and the Ghostscript logo are registered trademarks and the Artifex logo and Ghostscript are trademarks of Artifex Software, Inc.

Copyright (c) 2000 - 2015 The Legion of the Bouncy Castle Inc. (<http://www.bouncycastle.org>)

This product contains the Regexp++ library  
Copyright © 1998-2000  
Dr. John Maddock

PostScript is a trademark of Adobe Systems Incorporated.

PCL is a trademark of Hewlett Packard Company.

ICU License - ICU 1.8.1 and later

Copyright (c) 1995-2006 International Business Machines Corporation and others

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

Matra 0.8b (<http://matra.sourceforge.net/>) The contents of this documentation are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this documentation except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>. Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

Otherwise all product names are trademarks or registered trademarks of their respective holders.

---

# Contents

SINGLE SIGN ON (SSO) .....	5
Introduction .....	5
Configuration & Login .....	5
Configuration file changes .....	5
Designer login with local credentials .....	7
Setting up Active Directory Users .....	7
Logging-in to Designer using SSO .....	9

---

# Single Sign on (SSO)

## Introduction

A new SSO capability has been added to Designer.

The capability will be enabled by a pair of configuration settings, one server and one client. Once enabled a Designer user with sufficient privileges will be able to select which LDAP users have SSO access to the Designer repositories.

## Configuration & Login

To activate this method of identity authentication you will need to modify the following files:

- BusObj.config
- Processor.dll.config
- ResourceAccessService.exe.config

## Configuration file changes

It is important to note that by default these configuration files are shipped with Windows Identity Authentication deactivated. Please take the backup of all the three configuration files before proceeding. Changes you need to make to activate SSO are highlighted in green.

### ◀ To implement single sign on:

1. *For 64 bit Windows*, on the server machine use the following path to locate the *BusObj.config* file:

C:\Program Files (x86)\PBBI CCM\DOC1\Designer\Server\

*For Windows 32 Bit:*

C:\Program Files\PBBI CCM\DOC1\Designer\Server\

Edit the BusObj.config file using a text editor (e.g Notepad) with Administrator privilege to add the channel tag attributes, secure="true" and impersonate="true" as highlighted below:

```
<channels>
  <channel ref="tcp" port="37719" secure="true" impersonate="true" >
    <serverProviders>
      <formatter ref="binary" />
    </serverProviders>
  </channel>
</channels>
```

2. Locate the AuthenticationType key and change its value to Windows as follows::

```
<add key="AuthenticationType" value="Windows" />
```

## Single Sign on (SSO)

---

3. For Windows 64 Bit, on the existing client machine(s) and Client Diskset use the following path to locate the *Processor.dll.config* file:

```
C:\Program Files (x86)\PBBI CCM\DOC1\Designer\Client\  
C:\Program Files (x86)\PBBI CCM\DOC1\Designer\Client Diskset\  
For Windows 32 Bit:
```

```
C:\Program Files\PBBI CCM\DOC1\Designer\Client\  
C:\Program Files\PBBI CCM\DOC1\Designer\Client Diskset\  
Edit the Processor.dll.config file using a text editor to add the channel tag attributes, secure="true" and tokenImpersonationLevel="impersonation", as shown below:
```

```
<channels>  
  <channel ref="tcp" secure="true" tokenImpersonationLevel="impersonation">  
    <clientProviders>  
      <formatter ref="binary" />  
    </clientProviders>  
  </channel>  
</channels>
```

4. For Windows 64 bits, on the client machine(s) use the following path to locate the *ResourceAccessService.exe.config* file:

```
C:\Program Files (x86)\PBBI CCM\DOC1\Resource Access Service\  
For Windows 32 Bit:
```

```
C:\Program Files\PBBI CCM\DOC1\Resource Access Service\  
Edit ResourceAccessService.exe.config file with a text editor to ensure that the channel Tag's secure attribute is set to true, as shown below:
```

```
<?xml version="1.0" encoding="utf-8" ?>  
<configuration>  
  <appSettings>  
    <add key="ResourceServer" value="localhost" />  
    <add key="ResourceServerPort" value="50241" />  
    <add key="Protocol" value="tcp" />  
    <add key="ScratchDir" value="" />  
  </appSettings>  
  <system.runtime.remoting>  
    <application>  
      <channels>  
        <channel ref="tcp" port="50242" secure="true">  
          <serverProviders>  
            <formatter ref="binary" />  
          </serverProviders>  
        </channel>  
      </channels>  
    </application>  
  </system.runtime.remoting>  
</configuration>
```

5. On the server machine restart EngageOne Template Designer Application Service using the Windows Start button, use run to execute *services.msc*, locate EngageOne Template Designer Application Service and restart the service.

6. Restart the EngageOne Resource Access Service on each client machine after the ResourceAccessService.exe.config file has been updated.
7. Restart EngageOne Template Designer Event Service on each of the client machines.

### Designer login with local credentials

In certain circumstances you may wish to login to Designer using credentials other than those of the current PC user. From the EngageOne Designer installation location, type on the command line:

```
Cockpit /LocalLogin
```

The standard login dialog will be presented, enabling you to login as a local Designer user, for example, *admin*.

### Setting up Active Directory Users

Once the configuration changes have been made you must login to Designer, as an administrator, in order to grant access to Windows users.

The first step is to ensure that you have a set of Designer user groups, with the appropriate roles, that match the Active Directory (LDAP) groups you wish to add Windows users from. Access will only be granted to the users in a LDAP group that matches Designer Group on Group's Name and imported into the Designer.

Users are imported using a simple select checkbox & save command on Import Active Directory Users and Groups screen.

Everyone and Administrators groups can't be used to configure LDAP users.

#### ◀ To manage Active Directory Users:

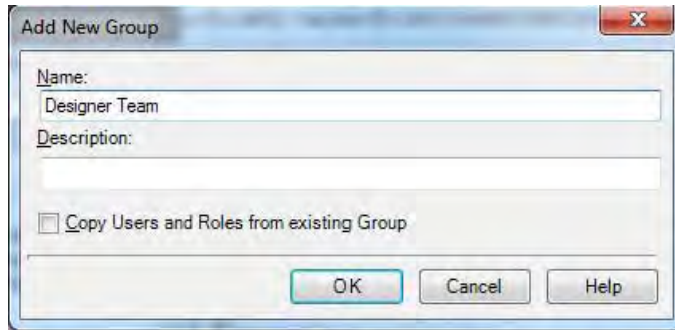
1. Login as administrator or a user with SystemAdmin privileges, e.g. from the EngageOne Designer installation location, type on the command line:  

```
Cockpit /LocalLogin
```

## Single Sign on (SSO)

---

2. Add the required group; note that the name you enter must match an existing Active Directory group name. The option to Copy Users and Roles from existing Group using the checkbox is not supported under these changes. This option must not be selected when configuring Active Directory users.



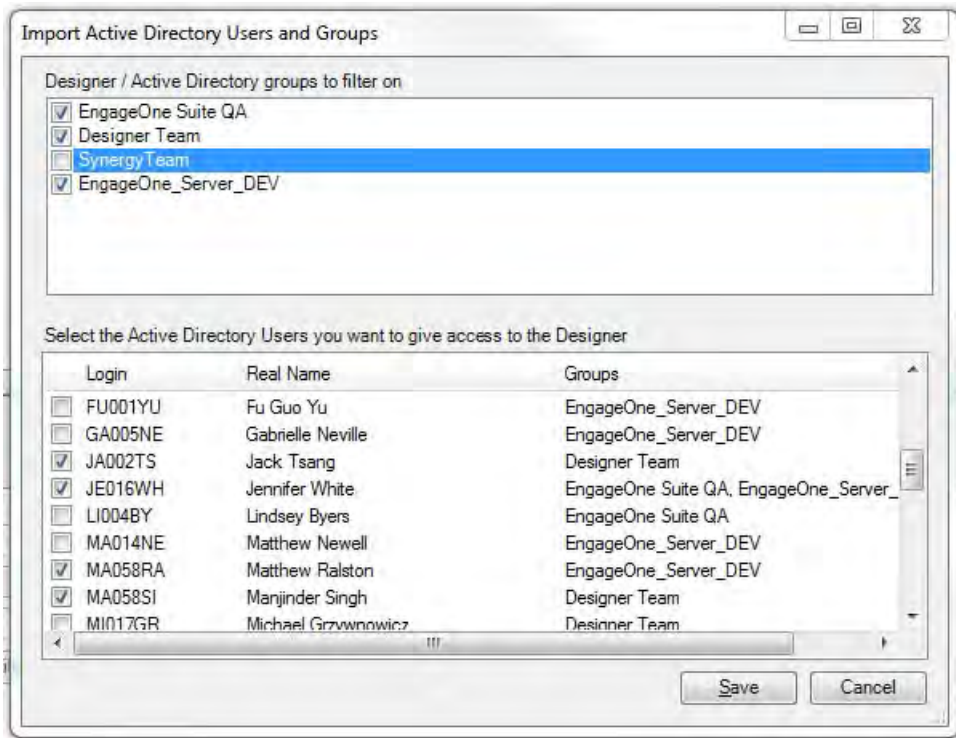
3. Select Administration->Users menu option and click *Import*.
4. On the resulting dialog, select the group names to filter on.
  - i. Selecting a checkbox on the top pane will populate the lower area with users and groups.



## Single Sign on (SSO)

---

- ii. Select the required users from the second list and add them to the Designer.  
This process can be repeated to import more users.



### Logging-in to Designer using SSO

Once the Active Directory users have been added they can log in automatically without entering any credentials. In the case where a user has access to multiple repositories, they will be presented with a dialog allowing them to select the repository they wish to connect to.

If the current Windows user is not known to Designer then they will be presented with a login dialog in which they can enter a known set of Windows credentials or local Designer repository credentials.