ProfileUnity™ Configuring Common Access Card Authentication

Summary

ProfileUnity™ with FlexApp provides support for using Common Access Card (CAC) authentication when logging in to the ProfileUnity Management Console. CAC authentication provides a higher level of security by requiring a two-factor authentication process involving a smart card and a PIN.

Requirements

ProfileUnity's CAC Secure Mode is compatible with Microsoft Windows Server 2008 R2, 2012 R2, and 2016. The server should already have the CAC software installed and working.

Configuring CAC Secure Mode

1. Install the ProfileUnity Management Console on Windows Server if not previously done.
2. Login to the ProfileUnity Management Console.
3. ProfileUnity will need a user account with read access to Active Directory (AD). The Administration Settings area allows you to control various settings and operations for ProfileUnity in your environment. To get to these settings:
    a. Go to your login user ID at the top right of the Management Console interface and select **Administration**.
    b. At the top of the Administration area, select **Users And Roles**.
    c. Add a user that is linked to Active Directory if you do not already have one configured.
    d. Under Role Management, enter the AD user name and password to serve as the **Service Account for Deployment**.
    e. Click **Add/Update**.
4. Enable CAC Secure Mode in ProfileUnity. Go to **Administration > Settings**. Scroll down to the **Miscellaneous** section. Check the **Enable CAC Secure Mode** option.
5. Click on **Select Certificate Authorities from Local Machine Root** to pick one or more certificate authorities to use.
6. Check **Enable CAC Certificate Revocation List Cache**.
7. Check **Enable Secure Banner Text**.
8. Review the **Secure Banner Text** and the **Secure Login Banner Text**. Make any necessary edits.
9. Click the blue **Update** button at the top of the **Administration > Settings** area.
10. Enabling CAC Secure Mode requires a service restart. Restart the ProfileUnity service.

Note: The server security GPO setting to require smart cards at logon conflicts with ProfileUnity's CAC Secure Mode and prevents authorized users from logging into the ProfileUnity Management Console. Read this KB article for more information. The workaround is to DISABLE the following server GPO:

```
Computer Configuration\Windows Settings\Security Settings\Local
Policies\Security Options\Interactive logon: Require smart card
```