

# PowerPTC

## Configuring General SSO with Infinite Campus

General Single sign-on is a BETA feature in PowerPTC, and may be changed or excluded from future releases. Please see the **Administrator User Manual** document for limitations and issues related to SSO. This implementation also uses an undocumented API from Infinite Campus, so this feature could be changed, removed, or blocked at any point without notice from Infinite Campus.

### Step 1 - Request SSO Activation on Your Account

---

1. Log into your account at <https://www.powerptc.net>
2. Go to the **Support** section and click on the “+” button to open a support ticket with the title “Enable SSO Features”. This is just to alert us to enable SSO on your account as we haven’t made this available to all accounts yet.

### Step 2 - Configure SSO Settings

---

You will not be able to complete this step until you receive an email notification that single sign-on has been enabled on your account.

#### In PowerPTC:

1. From the home screen of PowerPTC, click on the **Configure** section
2. Click on **Authentication Settings**
3. Click on the **General SSO** tab
4. Check the **Enabled SSO** checkbox
5. Change the **SSO Type** setting to **Simple GET User Verifier**
6. Change the **URL Template** setting to:

**`https://your-infinite-campus-domain-name/campus/verify.jsp?nonBrowser=true&username=${username}&password=${password}&appName=yourappname`**

You will need to replace your “your-infinite-campus-domain-name” and “yourappname” with the appropriate settings.

Your “appName” can be obtained by going to the following URL:

**`https://your-infinite-campus-domain-name/loginList?app=campus`**

7. Change **Text Match for Success** to the following:

**`^[\\s]*(?i)<authentication>Success</authentication>[\\s]*$`**

8. Click on the **Update Settings** button

## Step 3 - Upload the User Mapping

---

PowerPTC requires a guardian's email and associated student(s) to generate an account. In order to generate an account, this information is required in a CSV file. The file takes the format below, and a template can be downloaded from:

1. From the home screen of PowerPTC, click on the **Configure** section
2. Click on **Authentication Settings**
3. Click on the **General SSO** tab
4. Click on **Upload Mappings**
5. Click on the **SSO User Template**

The fields required in this file are:

1. Username - The username user to authenticate to Infinite Campus
2. Guardian First Name
3. Guardian Last Name
4. Email Address - The guardian email address
5. Students - A comma separated list of student numbers to be associated with this account

Now that we have the SSO Guardian user mapping file ready, we need to upload it to PowerPTC.net.

1. Log into **PowerPTC.net** with an administrator account and go to the **Configure** section
2. Click on **Authentication Settings** in the left-hand menu
3. Click on the **General SSO** tab
4. Click on the link titled **Upload Mappings**
5. Upload your file from the previous step

## Step 4 - Test out a Guardian Account

---

In this step you will need a valid guardian account on your SIS to test with. You will also need to obtain your PowerPTC customer specific URL. This URL is used to specify the organization you are attempting to authenticate with. To obtain this URL, perform the following:

1. Log into **PowerPTC.net** with an administrator account and go to the **Configure** section
2. Select the **Site Customizations** menu item
3. Record the address defined under the **Custom URL** area
4. Log out of PowerPTC
5. Enter the Custom URL into your browser