

PIV Card Registration Process for Administrators

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This article describes the PIV card registration process for Campus Administrators.

- Prerequisites
- Step 1. Setup the PIV Card Reader for Each Computer
- Step 2. Configure the Browser for PIV Authentication
- Step 3. Enable PIV Card Authentication for Users
- Step 4. Enable PIV Authentication for Each Staff Member
- Step 5. Communicate PIV Card Authentication to Affected Users
- Step 6. Approve or Deny PIV Card Registrations
- Troubleshooting/FAQ

Prerequisites

- Each user will need physical access to their PIV card.
- You need a PIV card reader for each computer requiring PIV card authentication.

Step 1. Setup the PIV Card Reader for Each Computer

The first step is to make sure each PIV card reader is properly installed on each computer.

For most card readers, use the HID Workbench 2.2 software, found here on page 2:
<https://www.hidglobal.com/drivers>

Step 2. Configure the Browser for PIV Authentication

The next step is to ensure the primary web browser on each computer is configured to properly accept PIV card certificates.

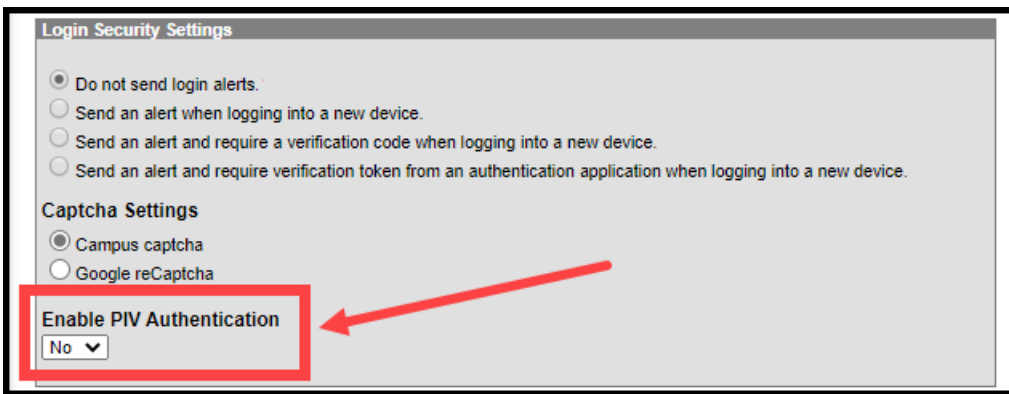
Note: Ensure the browser is set to clear all cookies and cache each time the browser is closed. This prevents pesky certificate issues users can encounter when attempting to log in at a later time.

Firefox Users: The US Government has this useful guide on how to configure Firefox to work

with PIV card certificates.

Step 3. Enable PIV Card Authentication for Users

Navigate to [Login Security Settings](#) (System Administration > User Security > User Preference Management > Login Security Settings) and set the **Enable PIV Authentication** setting to *Yes*. This will make the PIV Authentication setting available on a user's User Account.



Step 4. Enable PIV Authentication for Each Staff Member

For each staff member who should be given PIV authentication:

1. Navigate to their [User Account](#) tab (System Administration > User Security > Users > User Account)
2. Mark the **PIV Card Authentication** checkbox
3. Select **Save**. A red message will appear, informing you the user does not currently have a PIV card configured.

Once this checkbox is marked and saved for a user, the user will be forced to use a PIV card as their only means of authentication. If you would rather users only begin using their PIV card to login once they have gone through their [card registration process](#), you can skip this step, move on to Step 5 and mark and save this field when approving or denying their registration in Step 6.

User Account Editor

<p>*Username eva.heard</p> <p>Expires Date <input type="text"/></p> <p><input type="checkbox"/> Force Password Change</p> <p><input type="checkbox"/> Disabled</p> <p><input type="checkbox"/> Exclude from multi-factor authentication</p> <p><input type="checkbox"/> Time-based Two-factor Authentication w/ Enhanced Security</p> <p>Require authentication every <input type="text" value="30 Minutes"/></p>	<p>Password Reset Password</p> <p>Homepage Campus Application</p>
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PIV Card Authentication

There is no PIV card configured for this user and this user has not submitted a PIV card for approval.

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Product Security Role Assignments

Student Information System
This is the System Administrator role. It has full tool rights for all of the SIS including System Administration > User Security. Tool rights do not need to be assigned to a user that has the Student Information System security role checkbox checked.

Student Information System - Group Assignment
This role provides non-security users the ability to assign User Groups to other users without being given the security and system access granted with other product security roles.

Student Information System - Login As User
This role indicates whether or not the user may log in as another user from the User Account tab.

Step 5. Communicate PIV Card Authentication to Affected Users

Once PIV Authentication has been enabled for the district and the PIV Card Authentication checkbox has been marked for the appropriate user(s), you should now communicate to these staff members that they need to go register their PIV cards so they can begin using them to log into Infinite Campus.

The [PIV Card Registration Process for Staff Members](#) article explains this process and should be shared with staff members so they can begin registering their cards.

Step 6. Approve or Deny PIV Card Registrations

Once staff members begin submitting PIV cards registration requests, will you start receiving notifications for these requests.

Notifications	
<input type="checkbox"/> You have not yet confirmed your email address for this account. Please click on the link in your email or go to the Account Settings page where you can send a new confirmation email.	1 minute ago >
<input checked="" type="checkbox"/> There is a new PIV card entry for user eva.heard that is waiting for approval.	1 minute ago >
<input type="checkbox"/> There is a new PIV card entry for user mickeymouse that is waiting for approval.	Yesterday, 1:10 PM >
<input type="checkbox"/> There is a new PIV card entry for user missdaisy that is waiting for approval.	Yesterday, 12:50 PM >
<input type="checkbox"/> There is a new PIV card entry for user donaldduck that is waiting for approval.	Yesterday, 12:24 PM >
<input type="checkbox"/> There is a new PIV card entry for user testuser that is waiting for approval.	Yesterday, 11:38 AM >
<input checked="" type="checkbox"/> There is a new PIV card entry for user mgtester1 that is waiting for approval.	Yesterday, 10:51 AM >
<input type="checkbox"/> You have not yet confirmed your email address for this account. Please click on the link in your email or go to the Account Settings page where you can send a new confirmation email.	Fri, 2/25/21 >
<input type="checkbox"/> There were 0/1 successful account creations for student.	Thu, 1/28/21 >

Selecting a notification will redirect you to the person's **User Account** tab where you can **Approve**, **Deny**, or leave the request as **No Decision** (if it requires further investigation). You can also see the certificate tied to the PIV card requesting registration.

User Account Editor

***Username**
eva.heard

Password
[Reset Password](#)

Expires Date
[Calendar icon]

Homepage
Campus Application

Force Password Change

Disabled

Exclude from multi-factor authentication

Time-based Two-factor Authentication w/ Enhanced Security

Require authentication every

PIV Card Authentication
This user has requested approval of the PIV card below for use as their authentication method.

Please carefully review the information and accept or reject this PIV card for use based on what you would expect from this user.

If necessary, contact the user of this account to verify the legitimacy of this request.

CN=Test Cardholder XII,OU=Test Agency,OU=Test Department,O=Test Government,C=US

No Decision Approve Deny

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Student Information System - Group Assignment
This role provides non-security users the ability to assign User Groups to other users without being given the security and system access granted with other product security roles.

Student Information System - Login As User
This role indicates whether or not the user may log in as another user from the User Account tab.

If the PIV card is marked Approve and the Save button is selected, the user will receive an email notification informing them their PIV card is now registered and they can begin using it to log into Infinite Campus.

Infinite Campus PIV Card Authentication



no.reply@infinitecampus.com
To

[Reply](#)
[Reply All](#)
[Forward](#)
⋮

Thu 3/25/2021 11:39 AM

Your Infinite Campus user account eva.heard has been approved by an administrator to use PIV card authentication.

If you did not configure this account to use PIV card authentication, please contact your System Administrator immediately.

Their User Account tab will also indicate they have a registered PIV card. You will need to repeat Steps 4-6 anytime you decide to register new PIV card users.

User Account Editor

<p>*Username eva.heard</p> <p>Expires Date [Calendar Icon]</p> <p><input type="checkbox"/> Force Password Change</p> <p><input type="checkbox"/> Disabled</p> <p><input type="checkbox"/> Exclude from multi-factor authentication</p> <p><input type="checkbox"/> Time-based Two-factor Authentication w/ Enhanced Security</p> <p>Require authentication every <input type="text" value="30 Minutes"/></p> <p><input checked="" type="checkbox"/> PIV Card Authentication There is a PIV card configured for this user.</p>	<p>Password Reset Password</p> <p>Homepage Campus Application</p>
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Product Security Role Assignments

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Troubleshooting/FAQ

Below are some tips on troubleshooting issues users may encounter:

My Card Doesn't Seem to Recognize My Card Anymore

This issue can normally be resolved by clearing all cookies and the cache for the web browser they are using. To prevent this from happening again, ensure the browser settings are set to delete cookies and cache each time the browser is closed.

What Do I Do if I'm Issued a New/Different PIV Card?

If a user is issued a different PIV card, the administrator should go to their [User Account](#) tab and

click the Reset Account Setting button. This will clear the user's PIV card certificate. Once reset, the user will need to walk through the [PIV card registration process](#) to register the new card.
