

#### Product Security Roles in a Multi-Product or Premium Product Environment

Last Modified on 10/22/2022 10:11 am CDT

This article describes how security roles function within a multi-product or premium product environment and includes the following topics:

- Application Security User (Multi-Product Environments Only)
- Product Security Role Assignments
- Student Information System Product Security Role
- Login As User Feature
- Log In As My User (Multi-Product Environments Only)
- Allowing Non-Product Security Users to Assign User Groups to Other Users
- Allowing Non-Product Security Users to Login as Other Users
- Auditing Which Users Are Assigned Product Security Roles

The following diagram illustrates the user's ability to create and delegate security rights/roles.

There is a distinct difference between single and multi-product environments. The following diagram illustrates Application Security Roles when Premium Products are added to Campus.







You may choose to have a single Product Security user or multiple Product Security users. If you have questions about what configuration is right for you or other questions about best practices, contact Infinite Campus.

## **Application Security User (Multi-Product Environments Only)**

The Application Security user assigns Product Security Role Assignments to other users and may create additional Application Security users. The Application Security user has access to tools for delegating security administration rights to users with Product Security roles.

Application Security User Accounts cannot be bound to a local Active Directory via LDAP because usernames must be unique per person and the primary account for the person tied to the Application Security User Account should be the LDAP enabled account.

The Application Security Role is only required if your district uses Point of Sale, Human Resources, Payroll or Finance.

For more complete instructions on how to use the Security Manager Tool, see the Application Security article.

Index Search Help <	Security Manager			
JEANNE	Save Q New			
► Census	Application Security User Acco	ounts Name	Last Login	Enable
<ul> <li>System Administration</li> </ul>	appSecurity2	James	04/11/2013 04:26 PM	X
<ul> <li>Application Security</li> </ul>	appSecurity	JEANNE	04/14/2014 01:36 PM	X
Security Manager				
► Auditing				
► Preferences				
► User Security				
Account Settings				
Access Log	Application Security User Accoun Username appSecurity Force Password Change	t Editor Expires Date		

*Image 1: Campus application tools available to the Application Security User and example of additional Application Security user.* 



# **Product Security Role Assignments**

Product Security Roles determine whether a user may assign Tool Rights to other Campus Application users. Product Security Roles are assigned to users on each person's User Account tab. The Product Security Role Assignments section displays when **Campus Application** is selected in the **Homepage** dropdown list. Users assigned the Product Security Role automatically inherit all tool rights associated with the specific product.

Campus automatically assigns **ALL Calendars** to users with a Product Security Role Assignment regardless of calendar rights assigned via the Calendar Rights tab.

Users with a **Student Information System** Product Security role are allowed to log in as a user with a **Student Information System - Login as User** Product Security Role but once they have logged in as that user, they cannot use that user account to then log into another Campus user account via the Login as User button on the User Account tab.

The following Product Security Roles are available in multi-product environments:

- Finance
- Human Resources
- Payroll
- Point of Sale
- Staff Evaluation
- Data Change Tracker
- Student Information System
- Student Information System Group Assignment
- Student Information System Login as User





Image 2: Product Security Role Assignments found in a multi-product environment.

### **Student Information System Product Security Role**

The **Student Information System** product security role grants administrative rights to ALL nonfinance tools within Campus. This role should <u>only</u> be given to system administrators within the district.



This role does not grant a person rights to Human Resources, Finance, Payroll, or Staff Evaluation tools. These tools must be granted via their respective product security roles or tool rights.

User Account	User Groups	Tool Rights	Calendar Rights	Access Log				
🖺 Save 🙁	Delete 👂 Lo	ogin As User 🦻	User Rights Summary					
User Account Edite *Username taakre	pr	Passwo Reset P	rd Password					
Expires Date	Expires Date Homepage							
	Force Password Change     All Finance Accounts							
Disabled		- ۸	/lodified by: Unknown 09/08/ - Created Date					
Product Security R	ole Assignments							
<ul> <li>Finance This security also allows th</li> <li>Human Reso</li> </ul>	role will give the user ne user to assign Fina ources	nce Component tool i	vith Finance. The Product Se ights to other users as nece	ssarý.				
including Sta Rights to the	This role grants full access to all components used with the Human Resource application including Staff Evaluations for All Schools/Calendars and allows definition of Finance Account Rights to the specified user. The Product Security Role also allows the user to assign HR Component tool rights to other users as necessary.							
Schools/Cale	Payroll This role grants full access to all components used with the Payroll application for All Schools/Calendars to the specified user. The Product Security Role also allows the user to assign Payroll component tool rights to other users as necessary.							
Users assign functionality. Queue, man	Point Of Sale Users assigned this roll will have all Point of Sale tool rights, providing access to all Point of Sale functionality. They also have rights to add a person in Census, schedule reports through Batch Queue, manage Data Interchange components, and use some Data Utilities tools. Users with this role can assign Point of Sale tool rights to other Campus application users.							
This role gran Schools/Cale	Staff Evaluations This role grants full access to all components used with the Staff Evaluation application for All Schools/Calendars to the specified user. The Product Security Role also allows the user to assign Staff Evaluation component tool rights to other users as necessary.							
	GE TRACKER role grants access to	Data Change Tracke	r settings and reports.					
This is the Sy Administratio	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.							
This role pro		ers the ability to assig	n User Groups to other users n other product security roles					
	rmation System - Lo cates whether or not t		another user from the User	Account tab.				

Image 3: SIS Product Security Role

# **Login As User Feature**

The Login As User button only appears for users who have equivalent or greater tool rights than



the user they want to log in as and is only available with the Product Security role. When logging in as another user, users cannot gain access to tools for which they currently do not have tool rights.

This feature is not available for users only assigned the **Student Information System -Group Assignment** role.

See the Allowing Non-Product Security Users to Log In as Other Users section below for more information on how this feature functions for users only assigned the **Student Information System - Login as User** role.

The **Student Information System - Login As User** role is prohibited from logging in as another user with the **Student Information System - Login As User** role. Users assigned this role are only allowed to login as another user once per Campus session. This behavior was put in place to ensure users do not jump from one user account to another.

The Administrator selecting this button MUST have calendar rights for the school listed on the other user's (person being logged into) District Assignment page.



Image 4: Login As User feature

A system preference called **Restrict Login As User Feature On Users With Product Security Role** controls whether Product Security users may log in as another user with a Product Security role. This preference is found within the Account Security Preferences tool. The default value for this preference is **No** which allows Product Security roles to log on as each other.



Image 5: Restrict Login As User Feature



Every Campus login is stored by the system on the user's Access Log tab. The **Third Party Admin** column indicates that another user has used the **Login As User** button to log into Campus as this user. This column reports the other user's name, user ID and username.

User Account Use	r Groups	Tool Rights Calen	dar Rights	Access Log			
						<u> </u>	
Timestamp	Success	Remote IP	Balancer Header	r Remote Browser		App Serve	Third Party Admin
10/30/2012 10:01:30 -0500	YES	ie.infinitecampus.com/10.35.200.15	0 /10.35.71.11	Mozilla/5.0 (compatible; MS	SIE 9.0; Windows NT 6.1; Win64; x64; Trident/5.0) null	ieApp1	Name: contact support , User ID: 13042, Username: ad
10/16/2012 13:05:00 -0500	YES	ie.infinitecampus.com/10.35.200.15	0 /10.35.71.10	Mozilla/5.0 (compatible; MS	SIE 9.0; Windows NT 6.1; Win64; x64; Trident/5.0) null	ieApp1	Name: contact support , User ID: 13042, Username: ac
08/23/2012 10:07:37 -0500	YES	ie.infinitecampus.com/10.35.200.15	0 /10.35.71.10	Mozilla/5.0 (compatible; MS	SIE 9.0; Windows NT 6.1; Win64; x64; Trident/5.0)	ieApp2	
08/21/2012 09:03:38 -0500	YES	ie.infinitecampus.com/10.35.200.15	0 /10.35.71.10	Mozilla/5.0 (Windows NT 6	6.1; WOW64; rv:14.0) Gecko/20100101 Firefox/14.0.1 null	ieApp2	
08/20/2012 15:06:58 -0500	YES	ie.infinitecampus.com/10.35.200.15	0 /10.35.71.10	Mozilla/5.0 (Windows NT 6	6.1; WOW64; rv:14.0) Gecko/20100101 Firefox/14.0.1	ieApp2	
08/20/2012 15:04:33 -0500	YES	ie.infinitecampus.com/10.35.200.15	0 /10.35.71.10	Mozilla/5.0 (Windows NT 6	6.1; WOW64; rv:14.0) Gecko/20100101 Firefox/14.0.1 null	ieApp2	
08/20/2012 15:03:03 -0500	YES	ie.infinitecampus.com/10.35.200.15	0 /10.35.71.10	Mozilla/5.0 (Windows NT 6	6.1; WOW64; rv:14.0) Gecko/20100101 Firefox/14.0.1 null	ieApp2	
08/20/2012 14:59:53 -0500	YES	ie.infinitecampus.com/10.35.200.15	0 /10.35.71.10	Mozilla/5.0 (Windows NT 6	6.1; WOW64; rv:14.0) Gecko/20100101 Firefox/14.0.1 null	ieApp2	

Image 6: Third Party Admin Column

# Log In As My User (Multi-Product Environments Only)

A **Log In As** function is available for Application Security users to log into other accounts tied to their Person record. The **Log In As** dropdown list is only populated with user accounts tied to the same personID. This dropdown list is only available for Application Security role user sessions to log on down to the current user's Product Security role. In order to log on from a Product Security role up to an associated Application Security role, the user must log off and log back on using the Application Security role account.

School	All Schools	<ul> <li>Calendar</li> </ul>	All Calendars	•	admin	✓ Log In As My User
_		-	_	_		

Image 7: Example Log In As My User Feature for Application Security Users

## Allowing Non-Product Security Users to Assign User Groups to Other Users

The **Student Information System - Group Assignment** security 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.





Image 8: Student Information System - Group Assignment Security Role

Users assigned this role are allowed to work within Campus to the extent of their tool rights and are only allowed access to the User Groups tab within User Security. These users cannot view or modify their own tool rights nor the tool rights of other users.



Image 9: Example of User Assigning User Groups

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## Allowing Non-Product Security Users to Login as Other Users

The **Student Information System - Login as User** security role allows users to access the Login as User feature on the User Account tab without having the security and system access granted with other product security roles. Users assigned this role are allowed to work within Campus to the extent of their tool rights and can only log in as other users who have equal to or less than tool rights.

Users must have at least  $\mathbf{R}$  (ead) tool rights to the User Account tab in order to properly login as other users.

The **Student Information System - Login As User** role is prohibited from logging in as another user with the **Student Information System - Login As User** role. Users assigned this role are only allowed to log in as another user once per Campus session. This behavior was put in place to ensure users do not jump from one user account to another.





Image 10: Student Information System - Login As User Security Role

Users assigned this role can log in as another user but cannot see the other user's tool rights for rights they themselves do not possess. These users can also only view or change passwords and usernames of other users if they have **W**(rite) tool rights to the User Account tab. **R**(ead) tool rights prohibits this role from modifying user account data. This role also prevents users from being able to modify their own tool rights.



Image 11: Example of Login As User Role Accessing a User's User Account

### Auditing Which Users Are Assigned Product Security Roles

The Product Security Role Report allows you to generate a list of all users (active and disabled) who are assigned specific Product Security Roles.



Image 12: Product Security Role Report