

User Guide

PrintStream Security V21.1.0200

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EFI PrintStream | V21.1.0200 PrintStream Security User Guide

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Introduction

Overview

This guide outlines security rules for PrintStream.

Contact Information

EFI Support

US Phone:	855.334.4457 (first select option 3, then press option 8, then press option 1)
US Fax:	415.233.4157
US F-mail	printstream support@efi com

Regular Service Desk hours are 8:00 AM to 7:00 PM Central Time, Monday – Friday. Outside of these hours, you may leave a voice mail message and an on-call support representative will be paged. Response time is based on the severity of the issue.

Note For problems involving infrastructure (i.e., computers, networks, operating systems, backup software, printers, third-party software, etc.), contact the appropriate vendor. EFI cannot support these types of issues.

EFI Professional Services

US Phone:	651.365.5321
US Fax:	651.365.5334
E-Mail:	ProfessionalServicesOperations@efi.com

EFI Professional Services can help you perform EFI software installations, upgrades, and updates. This group can also help you implement, customize, and optimize your EFI software plus offer a range of training options.

Menus and Users

Use this module to add, edit, or delete Users, User Groups, and Programs Groups, and to define and assign Security Roles.

Note The top of the window displays either the **Open** or the **Restricted** security default when this module is open. This setting is created when the database is created and done by EFI PrintStream personnel.

Open: When defining the Security Events to which users in a Sub Role may access, means that what you see are ONLY the items to which users in that Sub role do **NOT** have access. In other words, Open dictates that other access is allowed. If you give a user access to an executable program – that user will have full access unless a security event is set to restrict them from a field or function.

Restricted-Closed: When defining the Security Events to which users in a Sub Role may have access, means that what you see are ONLY the items to which users in that Sub Role **WILL** have access. In other words, Restrictive dictates that other access is denied.

As is common in most security systems, if 2 Sub Roles conflict and a Role has BOTH Sub Roles, access will be permitted to that security event. In this case: Open and Restrictive do not pertain.



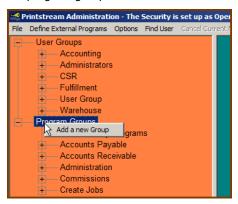
Program Groups and Menus

Program Groups are the categories or groups you see on the PrintStream menu bar. Underneath each Program Group are the executable programs assigned to the group the users can access if they have security access.

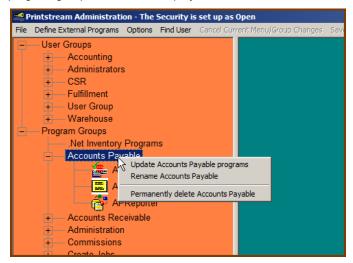
To create a new program group

- 1. Right-click Program Groups and select Add a New Group.
- 2. Enter a name.

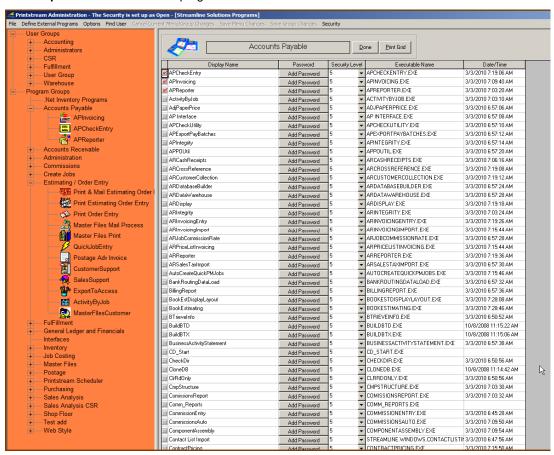
This name appears in the list under Program Groups, and as a gray bar on any Menu Bar that includes this program group.



3. Update, Rename, and Delete functions for any program group are available by right-clicking the program group name in this display.



Select Update to add or remove programs.

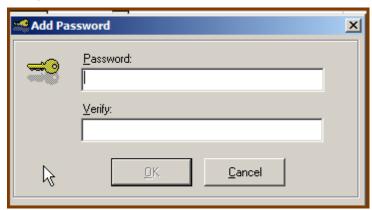


Select the **Done** button to close the window and **Save Group Changes** (top menu line) to save. Exiting without saving prompts a reminder.

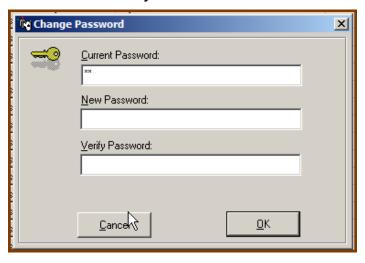
All programs added to a program group list as a name plus icon under the program group name. These can be dragged and dropped to re-order their appearance on the menu.

Each program has a security level of 0-5 assigned to it. When setting up users, a security level of 0-5 is assigned to each individual. If the security level of a program is the same as or greater than the security level of the employee, the individual is able to see/access those programs. For example, a user with a number of zero can see all programs. A user with number 3 only has access to programs with a number 3, 4 or 5. A user with a 5 can only see programs assigned a 5.

- 7. To change the order the programs appear when a user logs in, use your mouse to drag and drop the programs on the left side of the screen under Program Group.
- 8. For additional security, you can also assign a password to a program. Select the Add Password button next to the program and assign a password. There are no restrictions when setting up this password. Once a password has been assigned to a program, the button changes from Add Password to Change Password.



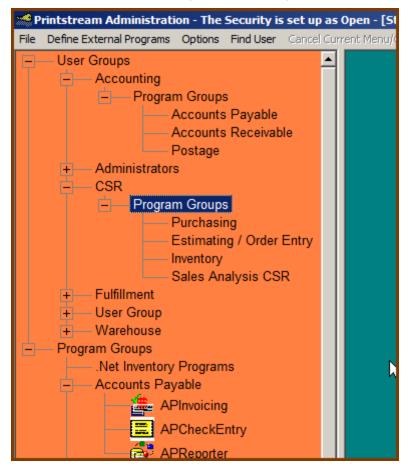
9. If you wish to remove a password setup for a program, select the **Change Password** button. Leave the **New Password** and **Verify Password** fields blank and click **OK**.



User Groups define the collection of Program Groups a user sees when they log into PrintStream.

To create or edit this list

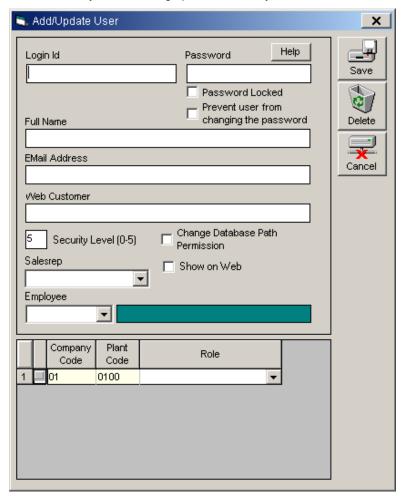
- 1. Right-click User Groups and select Add a New Menu.
- Enter the desired name, which displays in the list under User Groups.
 Under each User Group name is the heading Program Groups, and a listing of the Program Groups that fall under that user group.
- 3. Drag-and-drop from the list of Program Groups to this heading to add any Program Group to any **User Group** as well as move their listing order around. Right-click to rename, select Update, or delete.



Users, Security and Roles

To add users

- Select File > Add User.
- 2. Enter the desired login name and password, plus the user's full name, optional email address, security level and/or permission to change the database path
- 3. Click the box next to the company for access and select the role
- 4. Click Save.
- 5. View existing users from the Find User menu option.
- 6. Double-click any name to bring up the same entry window in order to edit or delete a particular user.



To set Password Restrictions, see Menu Bar Settings instructions below.

Each user must be assigned to one or more facilities and given one Role for each assigned facility. A user's Role links them to a User Group because each Role is assigned a User Group. The user has access to all programs in the User Group connected to their assigned Role that have the same, or a lower, security level than the user.

Each Role is linked to one or more Sub Roles. The user can be restricted from functions within any program they have access to based upon the Sub Roles linked to their assigned Role.

Creating Roles and Sub Roles

Define Roles and Sub Roles using the Security menu option from the Menu and Users program.

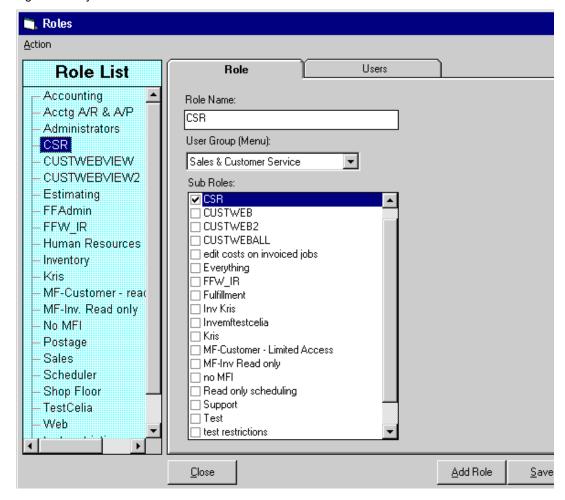
Defining Roles

To access Roles, select **Security > Roles**. The Role window lists all existing Roles. Highlight any Role to view the User Group to which it is assigned (displayed under the tab Role), and the associated users (displayed under the tab User).

To create a new Role

- 1. Select Add Role.
- 2. Enter a Role Name and select a User Group.
- 3. Select the desired **Sub Roles** check box and click **Save**.

Right-click any Role to select Delete.



Defining Sub Roles

To access sub role information, select **Security > Sub Roles**.

Sub Roles allow functions within programs to be made invisible to users.

To view current Sub Role status

- 1. Highlight any Sub Role listed under the **Sub Roles** tab.
 - All existing security definitions for this Sub Role display.
- 2. Two control types are currently available:
 - a. Read: means a user can see the function.
 - b. Write: means a user can make data changes in the function.
- 3. Select a check box to determine the function is active or click Select All or Deselect All.

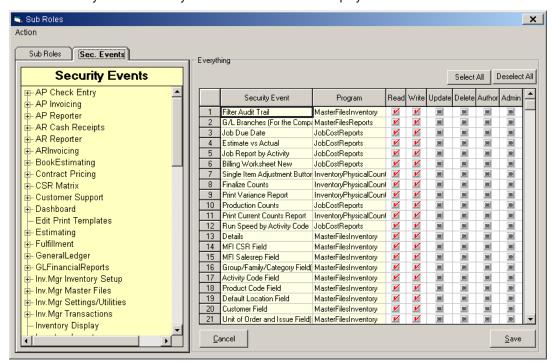
To create new Sub Roles

- 1. Select Action and then Add Sub Role.
- Enter the desired name.

To define or edit a Sub Role, highlight the Sub role in the Sub Roles List under the Sub Role tab. The name of the highlighted Sub Role displays in the top center of the window.

3. Select the Sec. Events tab.

All of the security events currently defined for this Sub Role display and can be edited.



- 4. Right-click a single line to delete that line or all lines.
- 5. To add additional security functions for the selected Sub Role, go to the list under the heading Security Events (left side of window). The top level of this list consists of the program. Below this level are functions within each program. Highlight either an entire program, or a subset of functions within that program or a single function within the program. Right-click and click **Add me to the Sub Role**.

The original choice of Open or Restricted access impacts the necessary action when defining Sub Roles. A choice of Open means that when a new Sub Role is created, you must select those functions within a program which a user will be denied access. When program functions are added to the Sub Role list, they default to off', however they can be checked to on. All program functions not selected to define security default to on.

A choice of **Restricted** means that when a new Sub Role is created, you must select those functions within a program which a user is allowed access. Any program functions added to the Sub Role list default to on, however they can be unchecked to off. All program functions not selected to define security default to off.

As is common in most security systems, if 2 Sub Roles conflict and a Role has BOTH Sub Roles – access is permitted to that security event. In this case, **Open** and **Restrictive** do not pertain.

Additional Security Levels

A 0 represents the highest level of security (most access) and a 5 represents the lowest level of security (least access).

Mail Estimating

If a user security level =

- 5 Users do NOT have access to the Final Pricing screen, Quote Letter, and Mail Quote Breakdown.
- 4 or 3 Users do NOT have access to override pricing in the Final Pricing screen.
- 2, 1 or 0 Users have FULL access to override pricing in the Final Pricing screen.

Master Files – Inventory

If a user security level =

 5 – Users have VIEW ONLY access, cannot edit inventory codes or descriptions, and cannot create new inventory items.

Note

If you do NOT want a user to view a module within a program group (e.g., Master File – Mail Process or Master File – Print), make their user security number a higher number than the program security number. Program security numbers are maintained when you update Program Groups. When changed, they apply to all Program Groups to which the program has been associated. Changes take effect when you close out of PrintStream and log back into the system.

Menu Bar Settings

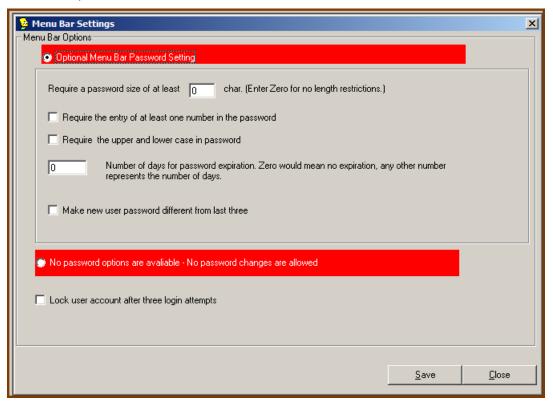
This program allows you to set password restrictions.

1. Go to Master Files Reports > System Maintenance> Menu Bar Settings.



2. Enter the password.

A password is required for this program. Please contact your EFI PrintStream Support contact if you do not know this password.



Optional Menu Bar Password Setting

By selecting the **Optional Menu Bar Password Settings** option, you are indicating users have the option to modify their own password through the menu bar.

You can set a minimum password length. If you leave it as zero, it has no length restrictions.

Select if you want to require the entry of at least one number and/or to require an upper and a lower case in the password.

Set the number of days for password expiration and make new user password different from last three.

No password options are available - No password changes are allowed

This means that passwords can only be changed from the Menus and Users program.

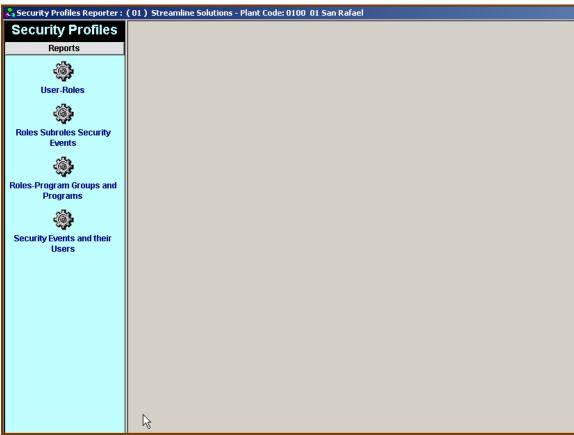
Lock user account after three login attempts

This setting can be used if **Optional Menu Bar password** is selected or not. If a user fails to enter a valid password while logging in after 3 attempts, they are locked out. The only way to fix that password would be to do so from menus and users.

Security Profiles Reporter

The security profiles reporter gives you the option to print various reports based on user setup and access.

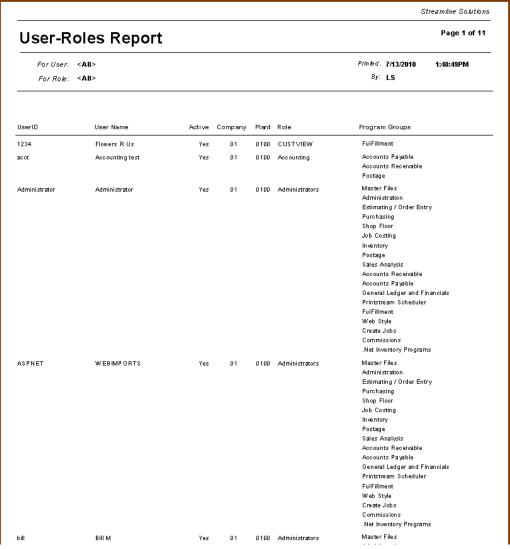




User Roles

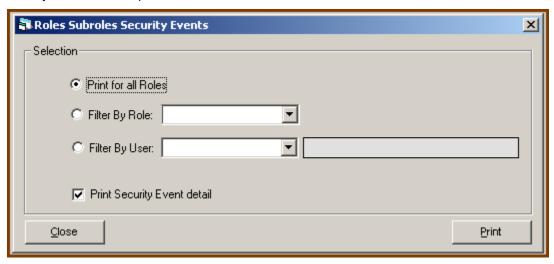
User Roles allows you to run a report of one user (or all) or one role (or all) and shows the user, role, and the Program Groups that user is allowed into. It also shows which companies and plants the user has access to if the **Print for All Companies/Plants** is selected.

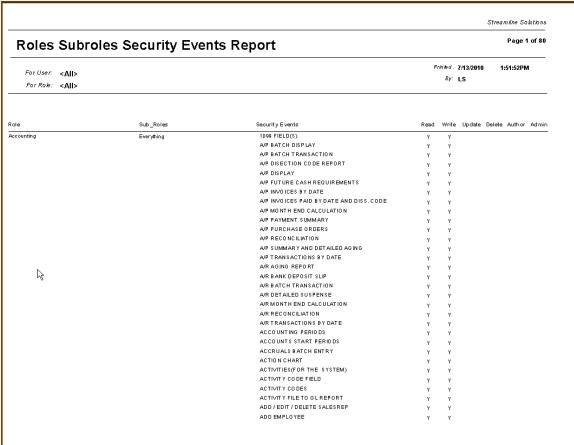




Roles Subroles Security Events

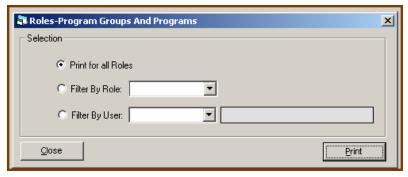
The **Roles Subroles Security Events** report allows you to see Roles and the subroles under them as well as the read/write access of each subrole security event. This report can be run for all roles, one role, or one user. Security Event Detail is optional.





Roles Program Groups and Programs

The **Roles-Program Groups and Programs** report shows you the role, which program groups are under that role, which executable programs under that program group, the security level of the program, and if it is password protected. This report can be run for all roles, one role, or for one user.



Roles-Program Groups and Programs Report Page 1 of 15							
For User:	<all></all>					Printed . 7/13/2010	1:54:01PM
For Role:	<all></all>					By: LS	
Role		Program Group	l Programs	Program Priority	Password Protected	Executable Name	
Accounting		Accounts Payable	APInvoicing	5		APINVOICING.EXE	
			AP Check Entry	5		APCHECKENTRY.EXE	
			AP Reporter	5		APREPORTER.EXE	
		Accounts Receivable	AR Invoicing Entry	5		ARINVOICING ENTRY.EX	E
			AR Cash Receipts	5		ARCASHRECEIPTS.EXE	_
			AR Reporter	5		ARREPORTER.EXE	
			AR Display	5		ARDISPLAY.EXE	
			AR CrossReference	5		ARCROSSREFERENCE.	EXE
			Comissions Report	5		COM ISSIONS REPORT.E	
			AR Customer Collection	5		ARCUSTOMERCO LLECT	
			AR DatabaseBuilder	5		ARDATABASEBUILDER.	
			AR PriceListInvoicing	5		ARPRICELISTINVOICING	
			Contract Pricing	5		CONTRACTPRICING.EXI INDUSTRYPERFORMAN	
			IndustryPerformanceProfile ICC_Prebill	5		ICC_PREBILL.EXE	CEPKUFILE.EXE
			AR Invoicing Import	5		ARINVOICINGIMPORT.E.	v =
			CommissionsAuto	5		COMMISSIONSAUTO.EX	
		Postage	PostageEntry	5		POSTAGEENTRY.EXE	
			PostageReceiptAllocations	5		POSTAGERECEIPTALLO	CATIONS EVE
			MasterFilesPostage Inventory	5		MASTERFILESPOSTAGE	
			Postage Adv Invoice	5		POSTAGEADVANCEDLL	
			Postage Audit Adjustment	5		POSTAGEAUDITADJUST	
			Postage in ven ytory Adjustment	5		POSTAGE INVENTOORY	ADJUSTMENT.EXE
			MDDSupport	5		MDDSUPPORT.EXE	
			PostagePurgeTo purge 3602 etc	. 5		POSTAGEPURGE.EXE	
			PostageRecap	5		POSTAGERECAP.EXE	
			PostageStatementsReporter	5		POSTAGESTATEMENTS	REPORTER.EXE
			PostageReporter	5		POSTAGEREPORTER.E	
			PostageStatements	5		POSTAGESTATEMENTS	
			Postage Grid Entry EPI	5		POSTAGEGRIDENTRY.E EPI.EXE	X E
			Eri Mail Dat User Interface	5		MAILDATUSERINTERFA	CE.EXE
Administrators		Master Files	MasterFilesReports	5		MASTERFILESREPORTS	EXE
			Master Files Mail Process	1		MASTERFILESMAILPRO	
			MasterFiles Customer	5		MASTERFILESCUSTOM	
			MasterFilesVendor	5		MASTERFILESVENDOR.	
			MasterFilesEmployee	5		MASTERFILESEMPLOYE	
			MasterFilesInventory	5		MASTERFILESINVENTO	RY.EXE
			Master Files Print	2		MASTERFILES PRINT.EX	E
			MasterFilesStkHeader	5		MASTERFILESSTKHEAD	
			MasterFilesPostage Inventory	5		MASTERFILES POSTAGE	
			MasterFilesSignature	5		MASTERFILESSIGNATU	
			MasterFile Product	5		MASTERFILEPRODUCT.	
			MasterFilesBook MasterFilesBookQL	5		MASTERFILESBOOK.EX	
			wasterr liesbooku L			MASTERFILESBOOKQL.	EAE

Security Events and their Users

The **Security Events and their Users** report allows you to see one security event (or all) and which users have access to this event.

