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Conventions Used

This section interprets the various conventions used in the document for better understanding of the screen functionality.

Convention	Usage
	Denotes the mandatory fields in the screen. Values need to be specified in the fields in order to proceed with the screen operations.
	Denotes the fields that show values retrieved from the system.
	Any subject content encapsulated in a section marked by this icon indicates that the given information will serve as a useful tip for the end users.

1. Overview

You can use the Security Profile screen for:

- Creating User
- Creating User Group
- Mapping User with a User Group
- Mapping Users with modules
- Mapping User Group and User with Building
- Granting menu access rights to User Group

2. Pre-requisites

- Warehouse, Building, and Business Unit must be created.
- Printer configuration must be done.

3. Creating User

Users are created to access the features of WMS and mapped with a user group to grant the access rights based on the user group level.

Menu Access: Administrator > Security > Security Profile > User (tab)

Mandatory Values

1) Specify the First Name, and Last Name of the user.

On tabbing out, the system automatically generates the **User ID** by combining the first letter of the **First Name** and the **Last Name**. However, you can change the User ID.



The system generates the User ID with the first letter of the First Name, only if the Firstname's first letter should be the First letter of Userld check box is selected in Security Policy screen.

- 2) Specify the Password and retype the password to Confirm Password.
- If this user is a supervisor, select the Supervisor Password check box and specify the supervisor password.



- The user password and supervisor password must not be the same.
- The Supervisor User utility is intended to grant access to special operations such as approving/disapproving the inventory variances and auditing SPN, SCN, and Truck to verify whether the inventory is picked, and loaded into truck.

- 4) Click to specify/select the **Additional Info** of the user.
 - a. **User Type** to indicate the type of user such as *Internal User (Warehouse Operator), Ship To Customer, Vendor* or *Carrier* and specify the **User Type ID**.

Optional Values

- 5) Specify the **E-Mail** ID of the user.
- 6) Select the **Portal/Dashboard** option to indicate whether the user can have access to Portal, Dashboard, or both.
- 7) Select the **Voice User Picking Mode** check box, if voice picking has to be enabled for this user and select any of the following to enable the voice.
 - Normal
 - Expert
 - Training
- 8) Select the **Two Factor Auth Reqd** (Two Factor Authentication Required) as any of the following to indicate whether additional authentication is required after login:
 - a. NOT REQUIRED indicates additional authentication is not required
 - b. **TOKEN** indicates additional authentication is required in the form of token. After first login, the user will be asked to set up a token. Whenever the user logins to the system using the username and password, the user will be prompted to enter this token to login to the system.
 - c. EMAIL indicates additional authentication is required in the form of mail verification. Whenever the user logins to the system using the username and password, a verification link will be sent to the Email ID of the user; and the user has to verify this link to login to the system.



The system displays the User Group to which the user is mapped. You can map the user to the user group using **Advanced User Map** tab. Refer <u>Mapping User with User Group</u> section for more details.

- 9) Select the **Admin User** check box if this user is an admin user.
- 10) Select the RF User check box to indicate that this user is a RF user.
- 11) Select the **Change password during next logon** check box to allow the user to change the password after first login.
- 12) Click to specify/select the **Additional Info** of the user.
 - a. Label Printer and Report Printer, which have to be mapped with the user for printing labels and reports.
 - b. Report Directory indicates where the report files have to be saved by default.
 - c. **Logging Type** indicates what data must be stored in the log files. Available options are:
 - **P PROCESS** select this option to save all the user log messages at the default log file directory under the logs folder.

 U - USER – select this option to save the log messages in a folder named same as the user ID at the default location. The log file under this directory will contain log messages of only the operations performed by the corresponding user.

For example:

If the user ID is 'DTEAM', the log messages will be written in the log file 'DTEAM.log' and stored under the folder 'DTEAM' at the default log directory.



The Log Severity Level will be enabled, when selecting the Logging Type as 'U - USER'.

d. Log Severity Level – indicates what data the system will record in the log files.

Select this	To do this
DEBUG	To write the log information for all the processes.
INFO	To write log only for the processes for which the system displays information message.
ERROR	To write log only for the processes for which the system displays error message.
WARNING	To write log only for the processes for which the displays warning message.
FATAL	To write log only for the process that terminates the user's session.

- e. **Authentication** select any of the following to allow the user to login to the system through other identity providers or PC credentials.
 - **SAML** (Security Assertion Markup Language) select this to allow the user to login to the system through an identity provider.
 - LDAP select this to allow the user to login to the system using the PC login password and specify the **External User ID** to login to the application.

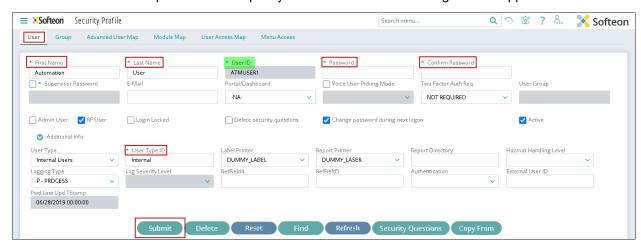


Figure 1 - User Creation screen

On clicking Submit, the system creates the user and displays in the grid.

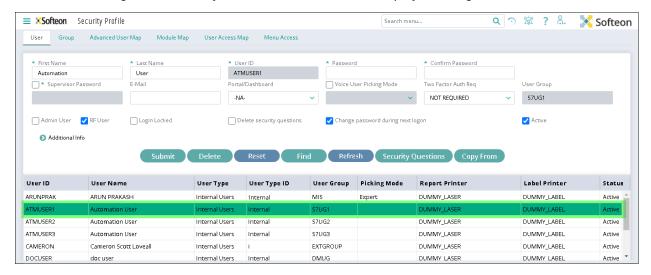


Figure 2 - User Created



You can also create user by copying existing user details.

3.1. Creating New User from Existing User Details

1) Select an existing user record from the grid.

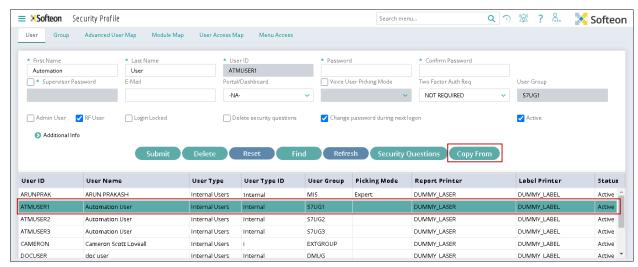


Figure 3 – User selection to be copied

On clicking **Copy From**, the system displays the Copy From User screen with the selected user details.

2) Specify the First Name, and Last Name of the new user.

On tabbing out, the system automatically generates the **User ID** by combining the first letter of the **First Name** and the **Last Name**. However, you can change the User ID.

- Specify the **Password** and retype the password to **Confirm Password**.
- Specify the **Supervisor Password**, if the selected user is Supervisor user.

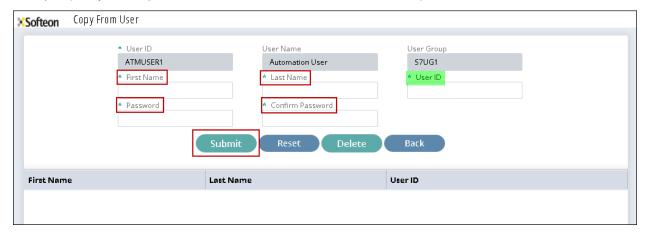


Figure 4 - Capturing new user details

On clicking Submit, the system creates the user and displays in the grid.

On clicking Back, the system displays the created user details in the grid of Security Profile > User(tab) screen.

3.2. Unlocking User Login

When the user attempts to login to the system more than the allowed number of times the user account will be locked. The lock has to be unlocked in order to login to the system.

- Select the user record from the grid for which the account is locked.
- Clear the **Login Locked** check box to unlock the login.

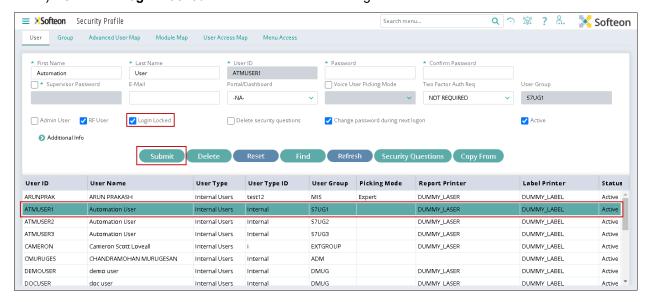


Figure 5 - Unlock login

On clicking Submit, the system unlocks the login for the user.



3.3. Setting up Security Questions for Password Change

When the user forgets the log on password, the Security Profile Questions and Answers can be used for identifying the authenticity of the user and then allow him/her to set a new log on password.

- 1) Select the user record from the grid to set the security questions and answers.
- 2) Select the **Delete security questions** check box to delete the existing security questions and set up new questions.

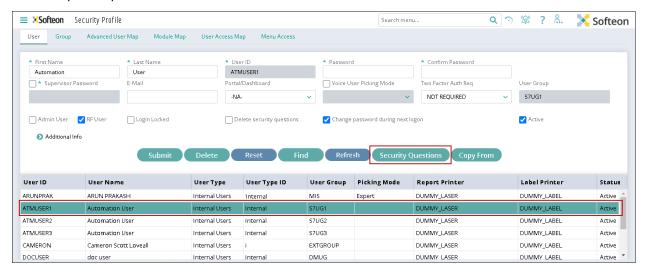


Figure 6 - User selection to set up security questions

On clicking Security Questions, the system displays the Security Questions screen.

3) Under **Questions**, select the questions from the lists.

On clicking Submit, the security questions will be set for the selected user.

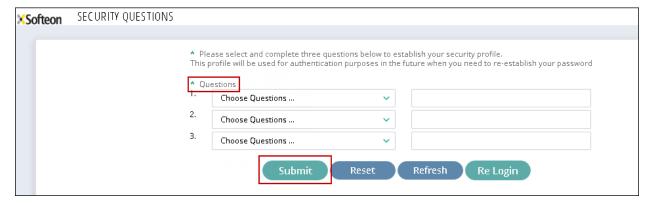


Figure 7 – Security Questions screen

4. Creating User Group

User Group is created to group users and grant access rights to a set of users.

Menu Access: Administrator > Security > Security Profile > Group (tab)

Mandatory Values

- 1) Specify the **User Group** ID and its **Description**.
- Select the User Group Level to indicate the level of this user group.
 On clicking Submit, the system creates the User Group and displays in th grid.



Figure 8 - User Group Creation screen

5. Mapping User with User Group

Users are grouped with a user group to grant access rights based on the user group level.

Menu Access: Administrator > Security > Security Profile > Advanced User Map (tab)

Mandatory Values

Under User Group Selection, click the user group to which the user has to be mapped.
 On clicking the user group, the system displays the mapped and unmapped users under User Selection section.

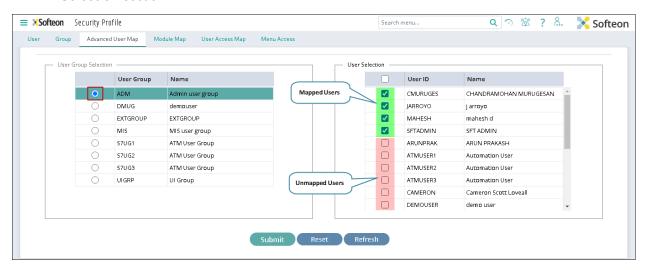


Figure 9 – User Group selection

2) Under **User Selection**, select the users to map with the user group.

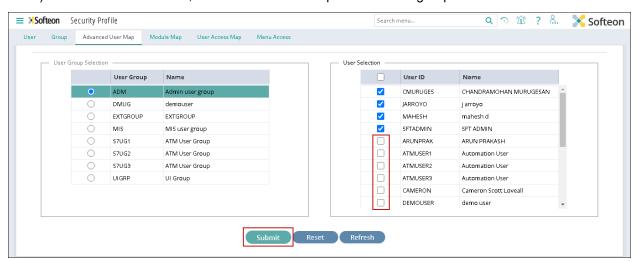


Figure 10 – User Selection to map with User Group

On clicking **Submit**, the system maps the users with the selected user group.

3) Repeat the steps given above to map the same user with other user groups.

6. Mapping Module with User Group/User

Users are restricted to accessing only the specific modules that are assigned to them to perform the warehouse operations.

Menu Access: Administrator > Security > Security Profile > Module Map (tab)

6.1. Mapping User Group with Module

Mandatory Values

1) Click **User Group** and select the **Warehouse** and **Module**, which have to be mapped.

On selecting, the system displays the User Groups that are mapped and unmapped with the selected module in the grid.



Figure 11 - Module Map screen

2) Under **User Group Selection** section, select the **User Group** which has to be mapped with the module.

On clicking Submit, the system maps the user group with the selected module.

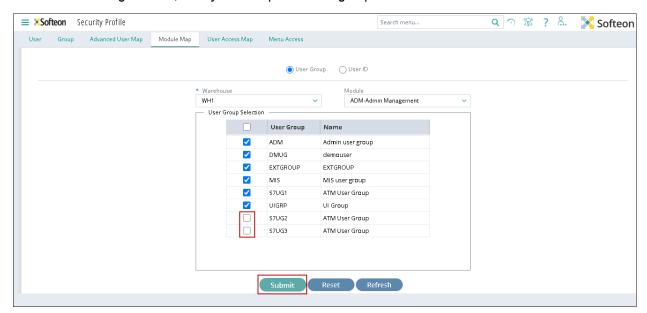


Figure 12 - User Group Selection



On mapping the user group, the users belonging to the user group will be automatically mapped with the respective module. (Refer to the following section to map a specific user to the module, if required.)

6.2. Mapping User with Module

Mandatory Values

1) Click User ID and select the Warehouse and Module, which have to be mapped.

On selecting, the system displays the User Groups that are mapped with the selected module under User Group Selection section.

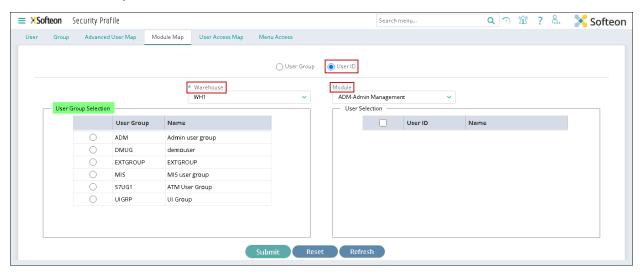


Figure 13 - Module Map screen with the mapped User Groups

- Under User Group Selection, click the User Group to which the user belongs. On clicking, the system displays the users who are mapped with the selected User Group under User Selection section.
- 3) Under **User Selection**, select the Users to map with the module.

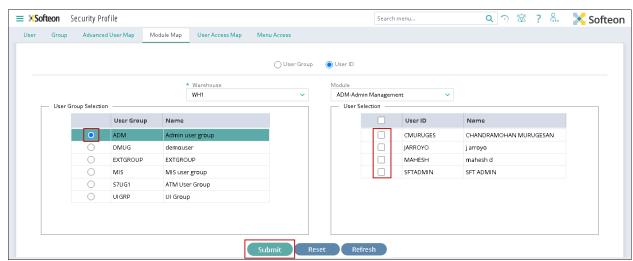


Figure 14 – User Selection for module mapping

On clicking **Submit**, the system maps the users with the selected module.

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7. Mapping User with Building/Business Unit

Users are restricted to access only specific warehouse/building data through the number of modules currently assigned to them to protect data pertaining to one building or warehouse. Based on the authorization, the users will be allowed to perform the operations.

Menu Access: Administrator > Security > Security Profile > User Access Map (tab)

7.1. Mapping User Group with Building and Business Unit

Mandatory Values

- 1) Select the Organization to which the user group belongs.
- 2) Select the Warehouse to which the building belongs.
- 3) Select the User Group, which has to be mapped.
- 4) Select the **App ID**, which is mapped with the User Group.



The system displays only the modules that are mapped with the selected **User Group** in the **Application ID Selection** pop-up screen.

On clicking **Find**, the system displays the mapped and unmapped Buildings and Business Units in the grid.

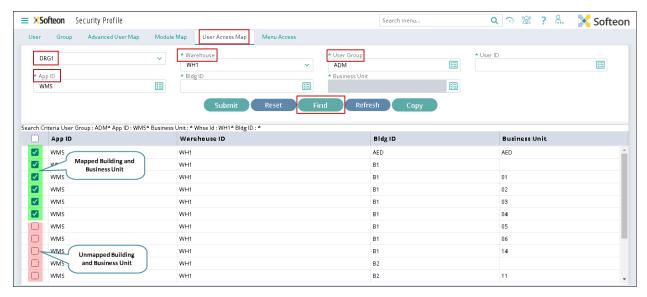


Figure 15 – User Access Map screen

5) Select the Business Unit from the grid, which has to be mapped with the User Group.

On clicking Submit, the system maps the selected Building and Business Units with the user group and displays the message as "Record saved successfully".

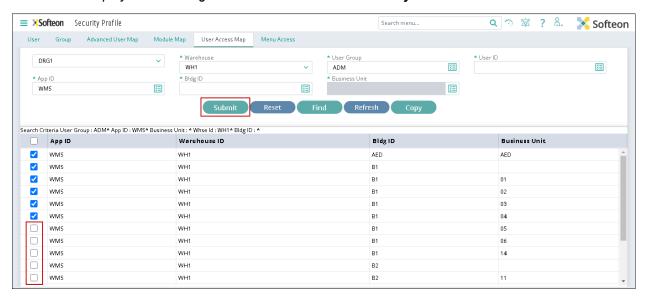


Figure 16 – Business Unit selection to map with the User Group



On mapping the user group, the users belonging to the respective user group will be automatically mapped with the Building and Business Unit. Refer the following section to map a specific user to the required Building and Business Unit, if required.

7.2. Mapping User with Building and Business Unit

You can map a user with the Building and Business Unit, only those are mapped with a user group to which the user belongs.

Mandatory Values

- 1) Select the **Organization** to which the user group belongs.
- 2) Select the **Warehouse** to which the building belongs.
- 3) Select the **User Group** to which the user belongs.
- 4) Select the **User** to whom the Building and Business Unit have to be mapped.
- 5) Select the App ID, which is mapped with the User.



The system displays only the modules that are mapped with the selected User in the Application ID Selection pop-up screen.

On clicking Find, the system displays the Building and Business Units that are mapped with the selected User Group in the grid.

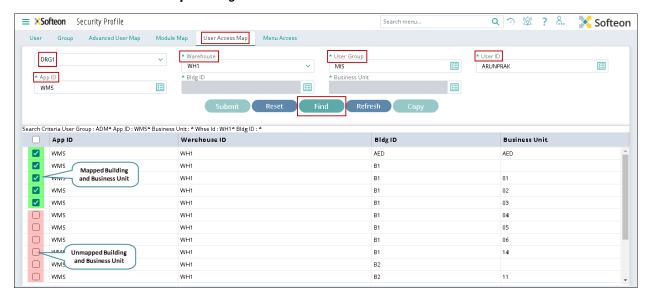


Figure 17 - User Access Map screen

6) Select the Business Unit from the grid, which has to be mapped with the User.

On clicking Submit, the system maps the selected Building and Business Units with the user and displays the message as "Record saved successfully".

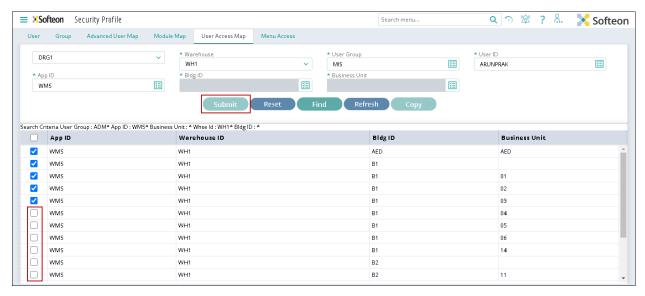


Figure 18 – Business Unit selection to map with the User Group

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8. Granting/Revoking Menu Access Rights

The user can view, update, or delete the data displayed in the screens based on the access rights granted at the user group level.

Menu Access: Administrator > Security > Security Profile > Menu Access (tab)

Mandatory Values

- 1) Select the **Warehouse** to which the user group belongs.
- 2) Select the **User Group** to grant or revoke the access rights.
- 3) Select the **App ID**, which is mapped with the user group to view its menus.
- 4) Select the **Bldg ID**, if the App ID is selected as 'WMS'.

Optional Values

- 5) Select the Parent Menu to view only the menus that belong to the selected parent menu.
- 6) Select the **RF Menu** and **Hybrid** check boxes to view only the RF and Hybrid menus.



The RF Menu and Hybrid check boxes are enabled only when the App ID is selected as 'WMS'.



Figure 19 – Menu Access screen

On clicking **Find**, the system displays the menus of the selected App ID in the grid with the existing access rights of the selected User Group.

7) Select or clear the selection under **View**, **Update**, and **Delete** columns against every menu to grant or revoke the access rights for the selected user group.



Following list gives you the definition of the View/Update/Delete check box. Select the check boxes based on the need:

- View You can only view the records.
- Update You can view and update the records.
- Delete You can view, update, and delete the records.

WH1

* Bldg ID

В1



On clicking Submit, the access rights are granted or revoked for the user group.

Figure 20 – Grant / Revoke Access Rights for User Group

8.1. Copying Menu Access Rights of One User Group to another



Warehouse Setup - (15200101)

Location Maintenance - (1520010101) Location Type - (152001010104)

Aisle Creation - [1520010113]

Aisle Header - (152001011301)

Aisle Detail - (152001011302)

The source and destination user groups must have the same Building and Business Unit mapping details to copy the menu access details.

V

V

✓

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V

1) After viewing the menu access rights of the user group, click **Copy**.

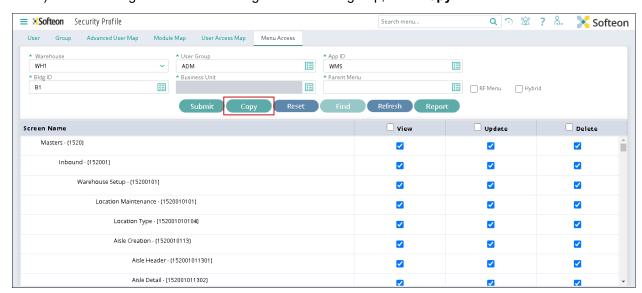


Figure 21 - Copying menu access rights

On clicking Copy, the system displays the Copy Menu Access To pop-up screen.



2) Select the User Group to which the access rights have to be copied.



Figure 22 - Copy Menu Access To pop-up screen

On clicking Submit, the system copies the menu access to the selected user group.



You can also copy the menu access details using the User Access Map tab

8.2. Exporting Menu Access Details to Excel Report

1) After viewing the menu access details, click Report.

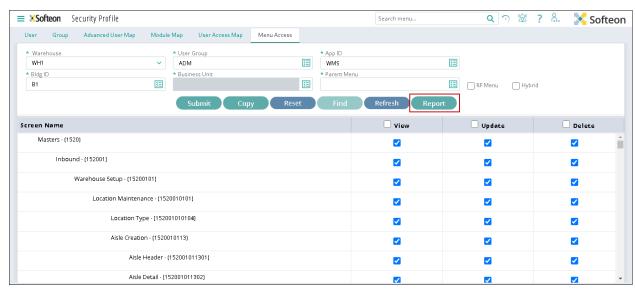


Figure 23 - Exporting menu access details to excel

On clicking Report, the system exports and downloads excel with the menu access details. Navigate to the location where the file is downloaded to view the menu access details.

9. What's Next?

Login to the application to have access to the features.

