

# RIOS User Admin

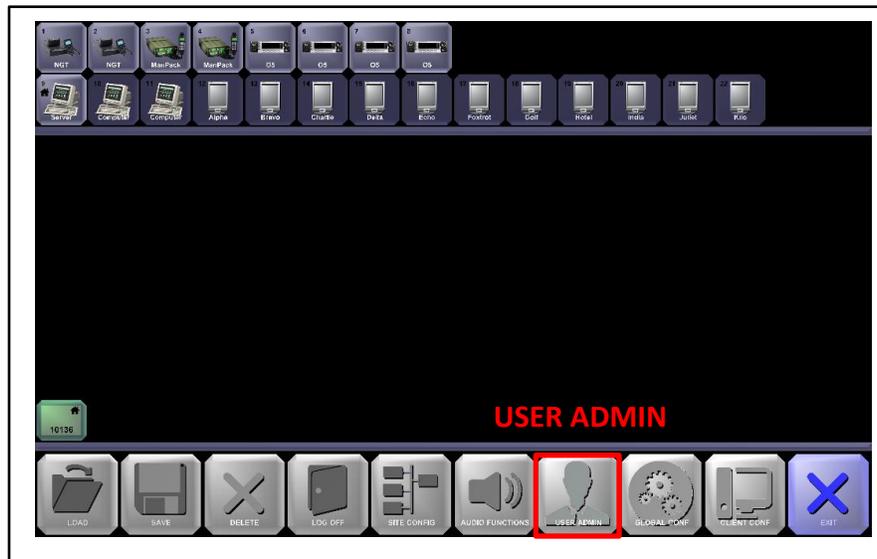
The RIOS User Admin Function allows the system administrator to create user groups and user records within RIOS. The delegation of rights and permissions within RIOS operates on a group/user basis. The administrator create a group and determines the appropriate features and permissions for the group. Next, the administrator creates the user records that will inherit the rights and permissions of the assigned parent group.

## 1.00 – Access the RIOS Admin Tool

1. Select the CONFIG Function (Bottom right of screen).



2. Select the USER ADMIN Function.



- The RIOS User Admin Tool will appear as shown below. From this interface the administrator can create, modify or delete groups as well as create, modify or delete users. Groups currently created are shown on the left-hand side while Users are shown on the right. The administrator is able to select the desired User Group to view existing Users within the selected group. By default, RIOS maintains three default group types:

**Default Local** – Access to local assets. The recommend Group type for most systems.

**Default Remote** – Access to local assets and remote.

**Default Global** – Able to override certain parameters.



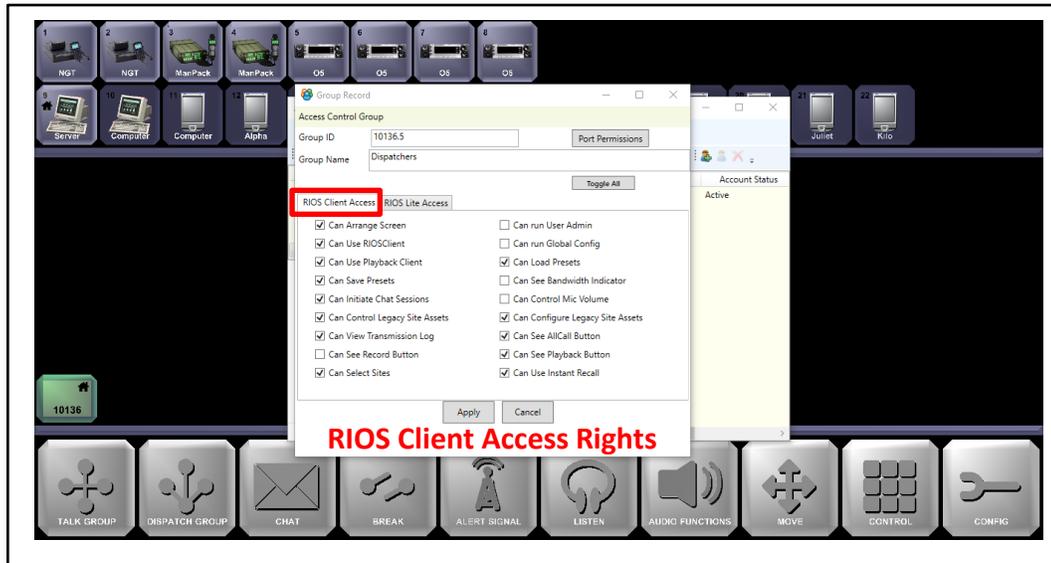
### 1.01 – Create a User Group

- Select the “Add a Group” as shown in the preceding image. The “Group Record” will appear as shown below.



2. Input the desired name of the new group within the Group Name field.
3. Select the desired rights and port permissions.

The User Record interface allows the administrator to delegate rights and port permissions for the User Group. Available group rights can be assigned for both RIOS Client (PC Interface) and RIOS LiTE (Smartphone Interface). Tabs for each mode of operation are available as shown in the image below.



In the example above, a group called “Dispatchers” is created. The administrator has selected the appropriate rights for the Dispatcher group.

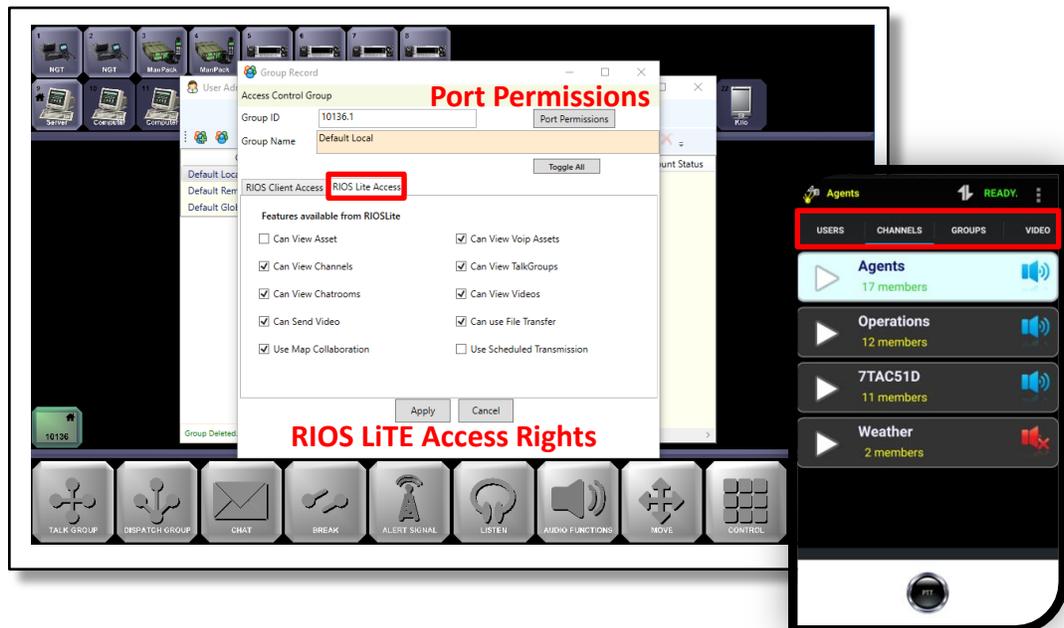
### RIOS Client Access Rights

- Can Arrange Screen: Allows the user to move created groups within the RIOS GUI
- Can Use RIOS Client: Allows the user to log into RIOS Client **(Required for RIOS Client and LiTE access)**
- Can Use Playback Clients: Allows the user to initiate RIOS Recording Playback.
- Can Save Presets: Allows the user to save created groups, asset levels and other settings.
- Can Initiate Chat Session: Allows the user to access the internal RIOS Chat program.
- Can Control Legacy Sites: Allows the user to control RCU-enabled radios for systems prior to RIOS 3.44.
- Can View Transmission Log: Allows the user to initiate a Transmission Log.
- Can See Record Button: Allows the user to turn on or off Recording for individual ports.
- Can Select Sites: Allows the user to view other RIOS sites within the RIOS Widearea Network
- Can Run User Admin: Allows the user to open and modify User Admin.
- Can Run Global Config: Allows the user to open and modify Global Config.
- Can Load Presets: Allows the user to load saved preset groups, asset levels and other settings.
- Can See Bandwidth Indicator: Allows the user to view bandwidth indicator, if option is licensed.

- Can Control Mic Volume: Allows the user to adjust microphone volume within RIOS Client.
- Can Configure Legacy Site Assets: Allows the user to configure assets, load, save, or adjust ports for systems prior to RIOS 3.44.
- Can See AllCall Button: Allows the user to view and initiate the AllCall button to TX to all assets.
- Can See Playback Button: Allows the user to see the Client Playback Button.
- Can Use Instant Recall: Allows the user to initiate instant recall found with Audio Functions.

RIOS LiTE Access Rights

To view the available right for RIOS LiTE, select the RIOS LiTE Access tab. The available rights for the smartphone interface are shown within the image below. From the perspective of the smartphone, the selected rights will appear as tabs within RIOS LiTE.



Standard RIOS LiTE Access Rights:

**Access Rights Delegated to RIOS LiTE Tabs**

- Can View Assets: Allows the user to view, transmit to and receive from radio and virtual ports. *This selection is required for iPhone but not necessary for Android.*
- Can View Voip Assets: Allows the user to view, transmit to and receive from client-type assets such as RIOS Clients and RIOS LiTE users. Within RIOS LiTE, this will appear as the Users tab.
- Can View Channels: Allows the user to view, transmit to and receive from channels. Appears as the Channels Tab within RIOS LiTE.
- Can View Talkgroups: Allows the user to view, transmit to, receive from, create and modify talkgroups, also know as nets and patches. Appears as the Talkgroup tab within RIOS LiTE.
- Can View Chatrooms: Allows the user to send and receive chat messages through RIOS. Appears as the Chat tab with RIOS LiTE.

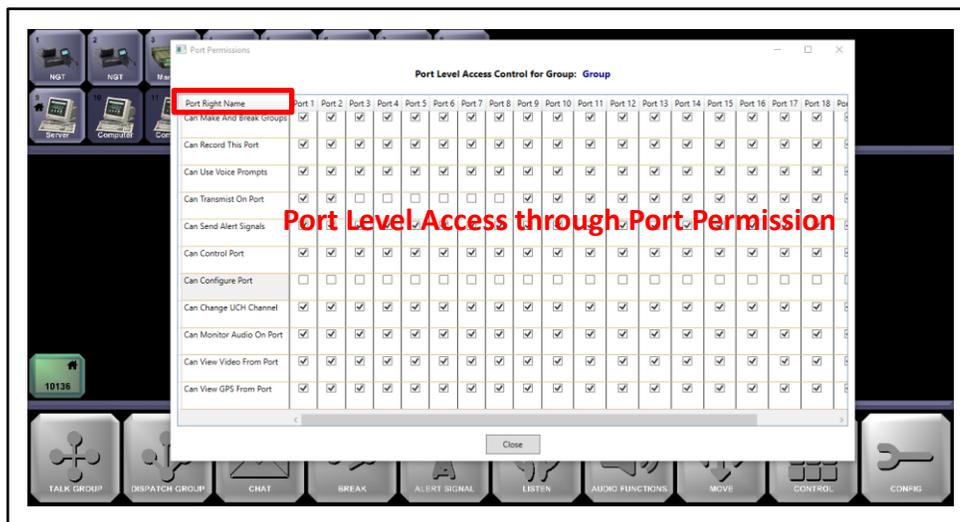
Licensed RIOS LiTE Access Rights:

- Can View Videos: Allows the user to view videos sent through RIOS. Appears as Video tab within RIOS LiTE.
- Can Send Video: Allows the user to send video through RIOS.
- Can Use File Transfer: Allows the user to send files through RIOS. Appears within the Chat tab of RIOS LiTE.
- Can Use Map Collaboration: Allows the user to view and track RIOS LiTE users with enabled GPS. Appears as the Maps tab with RIOS LiTE.
- Can Use Scheduled Transmissions: Decommissioned feature for RIOS LiTE.

**1.02 - Managing Rights and Permissions**

In the preceding image, the Port Permissions button is shown. Select this button to enter the Ports Level Access as shown below.

Port Permissions allow the administrator to grant or deny specific permissions on individual physical and virtual ports within RIOS. For example, an administrator might elect to set a radio port to receive only, limiting a group's ability to transmit on a radio. The image below illustrates the permissions available to the administrator as shown in the vertical rows. The horizontal columns indicate the corresponding port that is affected.



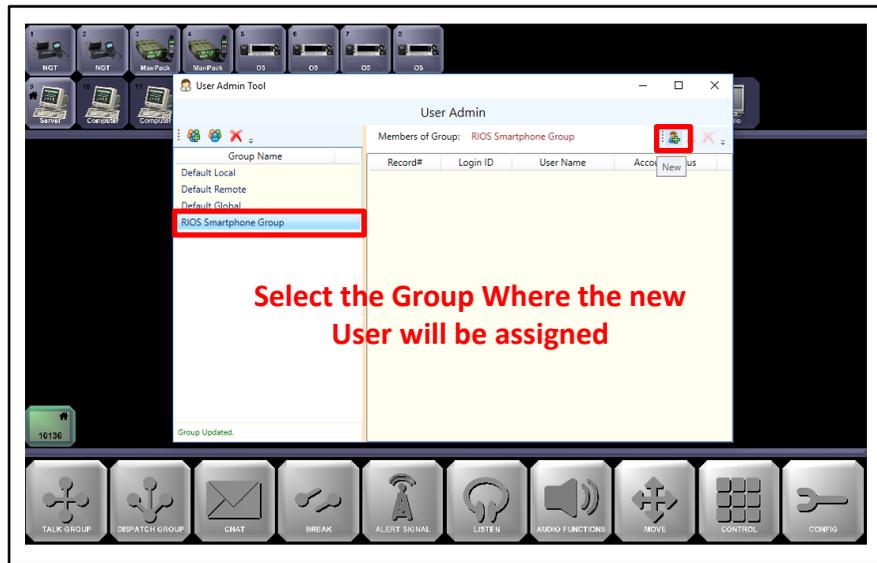
In the image shown above, the administrator has removed the Group's ability to Transmit on radios 3 through 8 while denying the ability to configure a port on all ports.

**TIP:** The administrator can toggle the desired port permission to grant or deny all ports for that permission. To deny or grant all permissions on all ports, toggle "Port Right Name" at the top left of the interface.

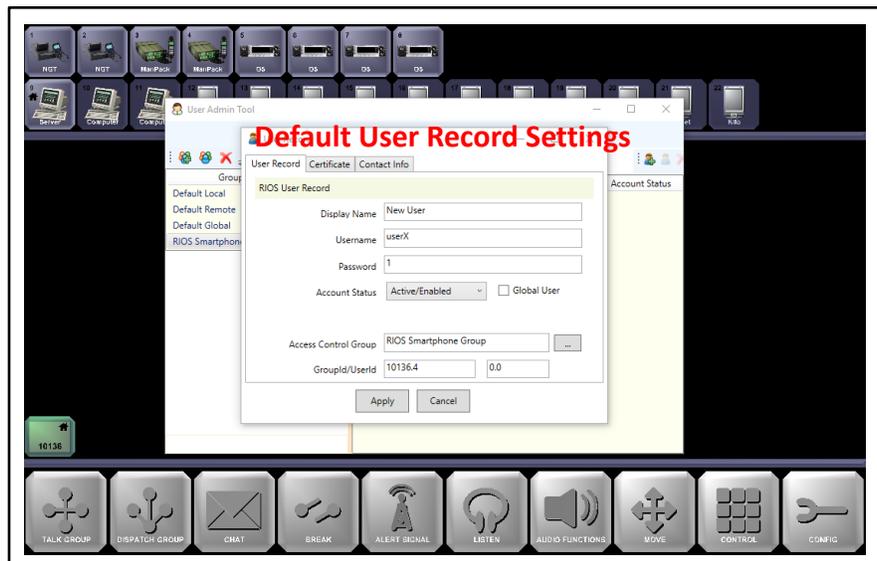
By default, all ports are enabled. Generally, the system administrator will elect to allow port level access to all users.

### 1.03 – Creating a New User

1. Create a user within a group by selecting the group where the user will belong. In the example below, the administrator is creating a user within the newly created "RIOS Smartphone Group."



2. Select the "New User" icon as shown above.
3. The User Record will appear as shown below. The default values of a new user are shown.



- Input the desired Display Name, Username, and Password. The image below creates a new user with username "Foxtrot" and "password 123."

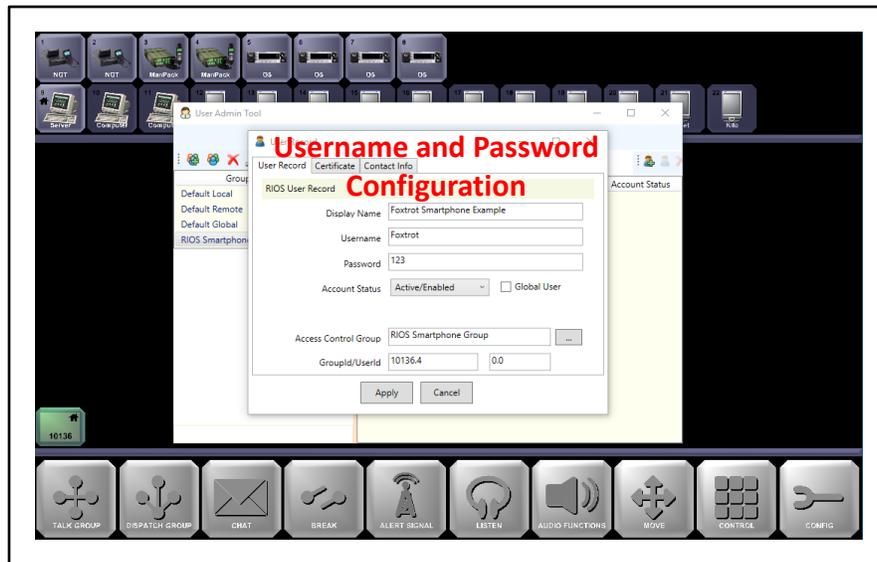
The fields within the User Record include:

**Display Name:** Corresponds to how the name appears within User Admin.

**Username:** The unique log-in identifier of the user. RIOS will reject repeated user names. The User Admin will discard the repeated username and response with "Username Already Exists."

**Password:** The selected password for the corresponding username.

**NOTE:** Multiple ROS Client PCs may use the same user name and password but RIOS LITE users require a unique username and password.



**Account Status:** Allows the administrator to delete, disable, activate and time restrict the user. Selecting "Time Restrict" allows the administrator to select a start and end time for the selected user.

**Global User:** Enables the user to access remote sites when the system is configured within a RIOS Widearea Network.

**Access Control Group:** Indicates group assignment for the current user. The administrator is able to reassign the user to an existing group by selecting the drop down button, selecting the new group assignment and selecting "Apply."

**Group/UserID:** Non configurable. Indicates the RIOS USID and numeric assignment of the user record.

5. Select Apply. RIOS will return to the User Admin Tool. "User Added" will be displayed at the bottom left of the screen. The new user will be displayed as shown below.



6. Continue to add additional Groups and Users as necessary. To delete the user or group, select the user or group to be delete and select the red X that corresponds to the record.
7. Close the User Admin tool when complete.

RIOS Client and RIOS LiTE assets will now be able to log in to the system. The following section outlines how to register assets into specific RIOS virtual ports for proper seat assignment and naming conventions.

### 1.04 – RIOS Virtual Port Assignment

RIOS will grant access to users who are registered within the User Admin. If a seat assignment for the username is *not configured within the RIOS GUI*, RIOS will place the authorized user into the left-most available port. Seats are unavailable to users without a seat assignment if (1) another user is currently logged in to a seat or (2) the seat has been reserved by an assigned Client Name or other client specific information such as an IP address.

**NOTE:** The user’s seat assigned is important as it denotes how the user will appear to other RIOS users. By assigning a username to seat, the user will always registered into the corresponding seat.

By default, the name of the user will appear as “Computer” for RIOS Client users and “PDA” for RIOS LiTE users. The **username that corresponds to the client name** will inherit the General Name of the port. The following section outlines how to assigned a username to a specific seat within RIOS.

To assign a Username to a RIOS Virtual Port Client Name:

1. Select CONFIG.
2. Pick the RIOS Virtual port where the Username will registered. In the image below, RIOS Virtual Port 17, “PDA” is selected.
3. Select General.
4. Select VoIP.
5. Select the keyboard icon within the Client Name field.
6. Input the Username that will be assigned to this seat. Select Enter to accept. In the image below, the Foxtrot username is input into the Client Name field.



7. Select EXIT when complete.

With this configuration, when username Foxtrot logs in, they will be assigned RIOS Virtual Port 17 and inherit the name “PDA.” The following section outlines how to set a General Name for the user.

To assign a General Name to RIOS Virtual Port:

1. Select CONFIG.
2. Pick the Virtual Port.
3. Select General.
4. Select the keyboard icon within the Name field.
5. Input the desired General Name of the user. The General Name is how the user will appear within the RIOS GUI and RIOS LiTE. In the image below, the General Name is input as John Smith.



6. Select EXIT.

The RIOS User is now configure to access the system and named properly. Repeat the process for additional user that required assigned seats.