

RTS / Telex

PRELIMINARY

Authentication of AZedit Sessions Setup Procedure

Third Party Setup Guide

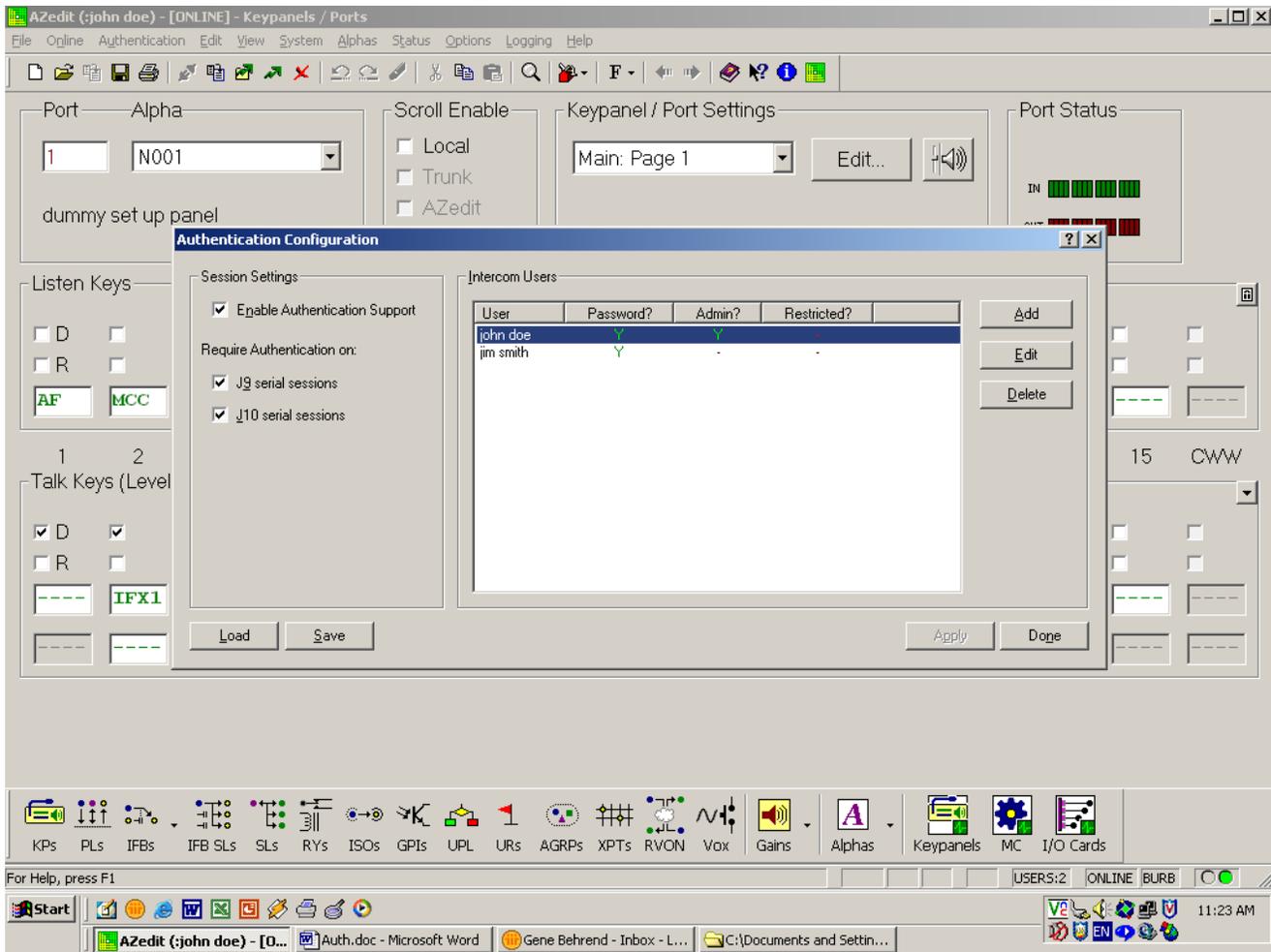


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NOTES

Authentication of AZedit Sessions Setup Procedure

Authentication is the process of determining whether someone is, in fact, who he or she declares to be. In private and public computer networks (including the Internet), and similarly AZedit, authentication is commonly done through the use of user profiles and passwords. Intercoms supporting authentication may be set up to require a username and password for each AZedit session.

With the introduction of Ethernet connections, it is easier for users to log onto AZedit from more places within the network and beyond. Because of this capability, the security of your Intercom can become compromised. With Authentication, a level of security is placed on your intercom that requires the use of profiles and personal passwords to access AZedit.

Authentication can be enabled on J9, J10 (XCP-ADAM-MC panel), as well as USB and Ethernet sessions. However, the J1 or serial connection session will always be accessible and never authenticated.

Authentication is configured through AZedit, where user names and passwords are specified for each user. You can configure users as Administrators for the different intercom systems or you can require a Restrictions file to be present. The restriction file is created under a separate program called Restrictions Editor and is a separate topic and will not be addressed in this procedure.

When user profiles are present, users can change their passwords and have passwords remembered for future automated logons.

In this guide, it is assumed there is only one Administrator and one User with no restrictions except for the normal Configuration Dialog available only to an Administrator. Editing authentications requires Administrator status or connection on a un-authenticated system. It is also a given that initial setup will be done from J1 of the XCP-ADAM-MC but might also be accessible via J9 & J10 with or without authentication. J9 & J10 support must be enabled under Options\Communications\Advanced\AZedit Protocol before these ports can be used.

NOTE: In using J9 & J10, note the RS232 wiring is different than J1. *See below.*

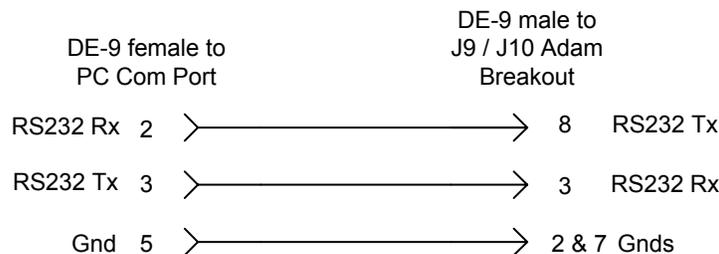


Fig 1 - PC Com Port to ADAM J9 & J10 Wiring Diagram

Once set up, only a designated Administrator can edit the Configuration Dialog.

In reality, there can be as many Administrators as needed but limited to 20 Admins / Users overall.

Authentication of AZedit Sessions

System Requirements:

Minimum firmware versions:

AZedit (v 3.0.4)

Master Controller (v 9.26.0), or Master Controller II-e (v 1.2.0)

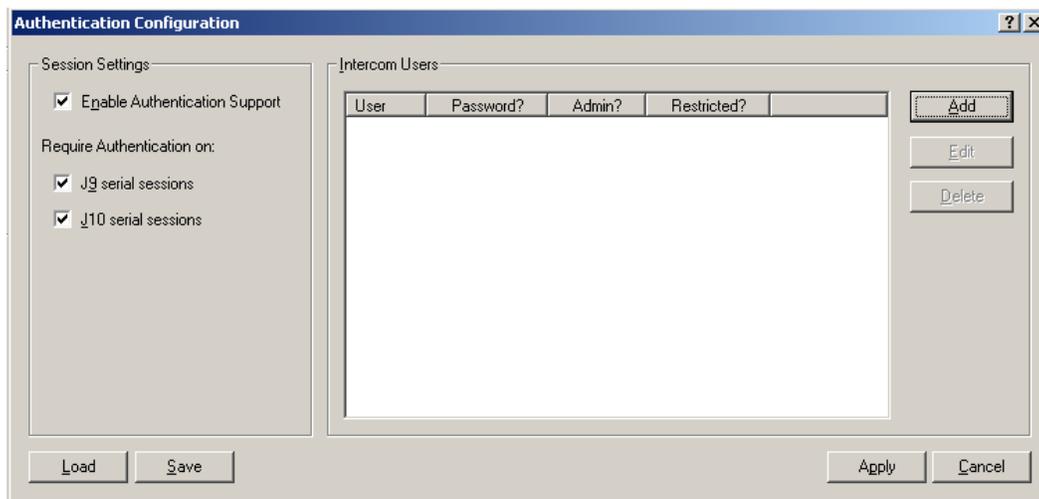
DBX (v 1.16.0) with Peripheral Controller (v 10.16.0), or Peripheral Controller II-e (v 1.16.0)

Cronus (v 1.2.0)

Passwords can be up to 24 characters, mixed case, but are case sensitive.

Authentication Table Setup Procedure

- 1.) Connect Serially to AZedit via J1 on XCP-ADAM-MC breakout panel or via Ethernet connection on the MC II-e master controller.
- 2.) In AZedit, click on Authentication, then the Configuration tab.
- 3.) In the Authentication Configuration dialog box, at top left, Session Settings, check Enable Authentication Support. **If this box is not checked, no authentication will be required.**
- 4.) Directly below the Session Settings is, Require Authentication on. This offers up to three check-boxes to enable authentication in combination of J9, J10, (Ethernet or USB connections if available). Check the box(s) to require authentication on these types of sessions. These are only enforced if the Enable Authentication Support check box is checked (it is a global, enable/disable option). **Note that the J1 session is always un-authenticated.** Next, click Apply.



ALSO NOTE: The authentication **table is stored in the intercom**, so the list of users is NOT known to AZedit sessions on computers. This is why we have to use “Change User”, then “Add User” to create the Users for each AZedit computer.

Also, if the intercom is trunked, you must use Change Intercom, then Add Intercom to create the intercom names on each AZedit computer. The intercom names are the same as the Trunk Master intercom names, (4 characters, uppercase). If the intercom is not trunked, you can just use the Default intercom.

Authentication of AZedit Sessions

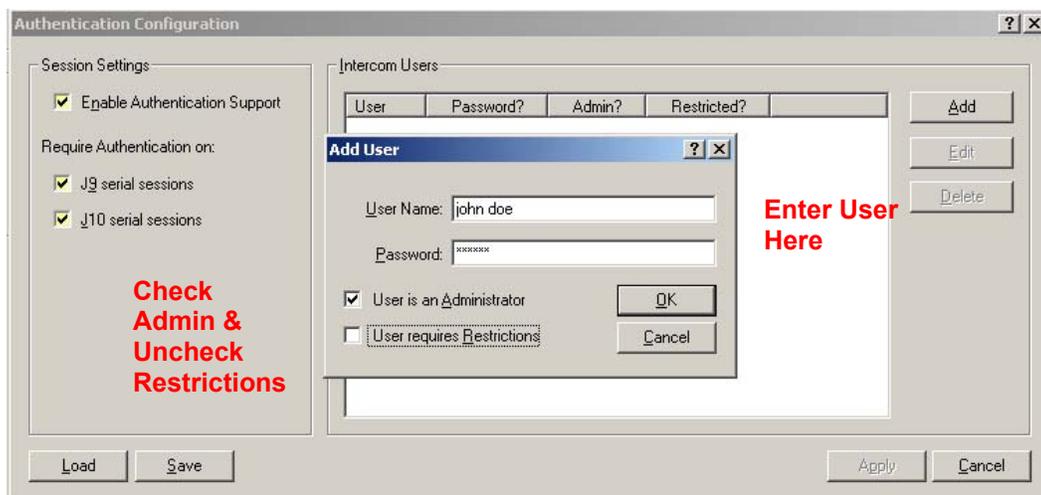
5.) Next in this screen, click on **Add** and note the Add User box asking for User Name, Password entries and Administrator & Restrictions check boxes.



The “User is an Administrator” defines exactly that. The “User requires Restrictions” is for use with Restrictions Editor, a separate software package. Again, Restrictions Editor will not be addressed in this procedure.

6.) Enter the User Name and password. User names and passwords, in AZedit, are limited to 24 characters and can be of mixed case (they are, however, case sensitive). In this example “john doe” and a password was entered (both in lower case).

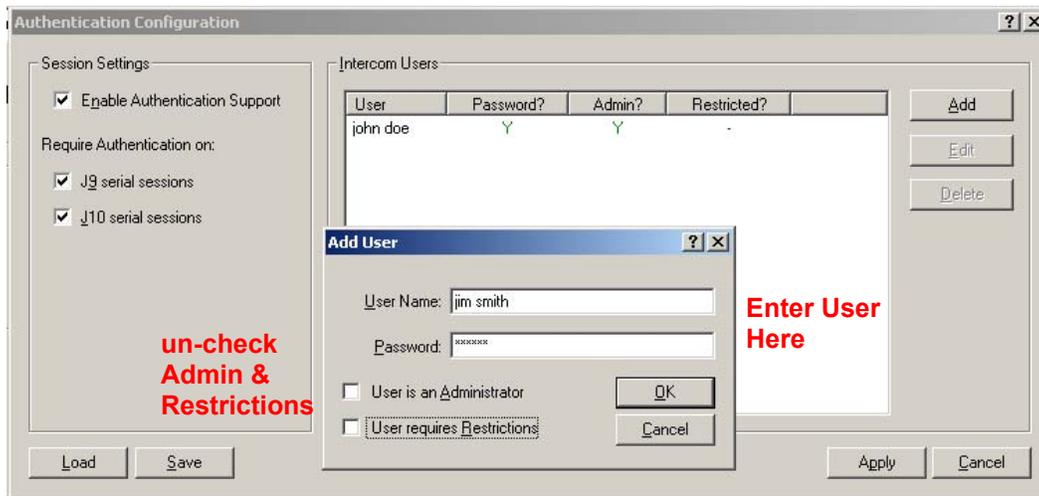
7.) Also Restrictions was un-checked and Administrator was enabled. “john doe” (lower case) will be the designated Administrator in this example. Enter a password, then click ok when done.



Authentication of AZedit Sessions

8.) Next click Add and enter the next User and password.

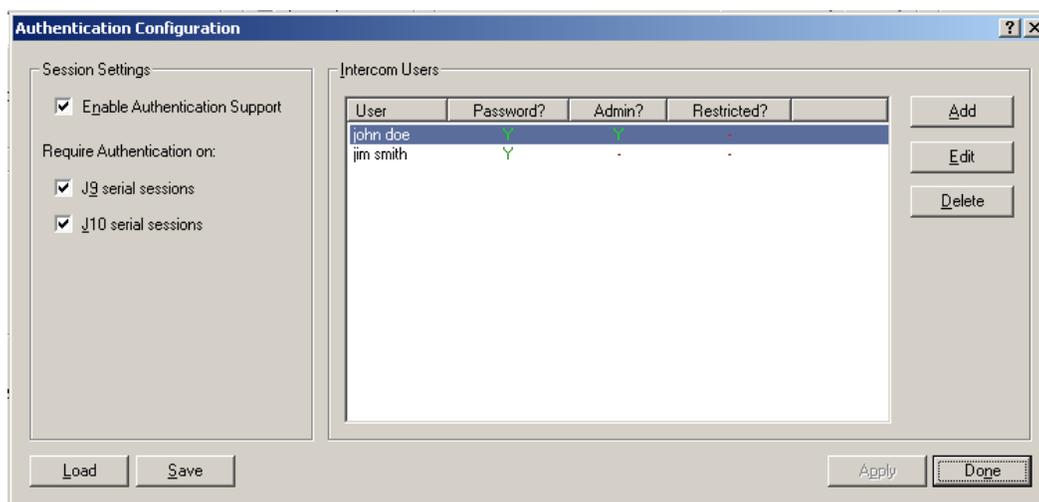
In this case it will be “jim smith” (lower case) enter a password, click ok when done.



“jim smith” was entered as a user and Administrator & Restrictions are un-checked. Therefore, Jim Smith has been assigned as only as a user.

Also note the prior entry for “john doe” appears in the Intercom Users window with a “Y” for both Password & Admin.

9.) Next click ok for “jim smith” and the result is shown below indicating two entries and access rights.



10.) Add as many users as needed (*up to 20, including admins*) and you can also give any of the users Administrative rights. In this example we are not addressing Restrictions, so Administrator & Restrictions contain nothing. When finished click Apply, then Done.

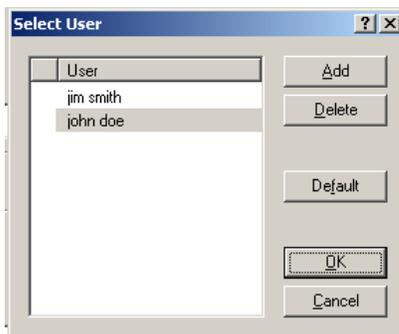
Authentication of AZedit Sessions

Creating Users At Each Edit Session Computer:

At each user edit location, in the “Authentication Intercom Users” section, there is a list of allowed users. Use the Add, Edit, and Delete buttons to modify this table as needed. The columns in the table show the User name, whether a password was assigned, whether the User has Admin privileges, and whether the User is required to have a Restrictions file in-use when connected (don't enable this unless you are setting up Restrictions using the Restrictions Editor). Remember, the user names and passwords are case-sensitive.

The table can be saved to a file (or loaded from a file), and the Apply button sends the changes to the intercom.

- 1.) Click on Authentication\Change User then Add. Create one or more user names (who exist in the Authentication table in the intercom), case-sensitive.
- 2.) Under “Copy Settings From”, select “Default” for “Intercom” and for “User” select “None”, Click <ok> when done.



Step 1



Step 2,3

When you create a new user, you can copy the AZedit configuration settings from another Intercom / User (usually Default / Default) user. If you choose <none> for Intercom or User, you will get the default (i.e. installation version of the) AZedit settings.

The AZedit settings (toolbar, preferences, etc...) are stored uniquely for each user on each intercom. This is why, when you Add a User, you can select to copy the settings from another Intercom/User (usually Default/Default) We recommend that when you install AZedit, you setup the Default user on the Default intercom so that the AZedit settings are the way you want them for most users, and then copy from these settings when you create new users (otherwise, you will have to setup each user as you create them).

Authentication of AZedit Sessions

3.) To open a session click AZedit icon. A screen like the one below will appear.



4.) Click on a user and AZedit will come up with a password window.

5.) Enter the proper password and AZedit will go Online.

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