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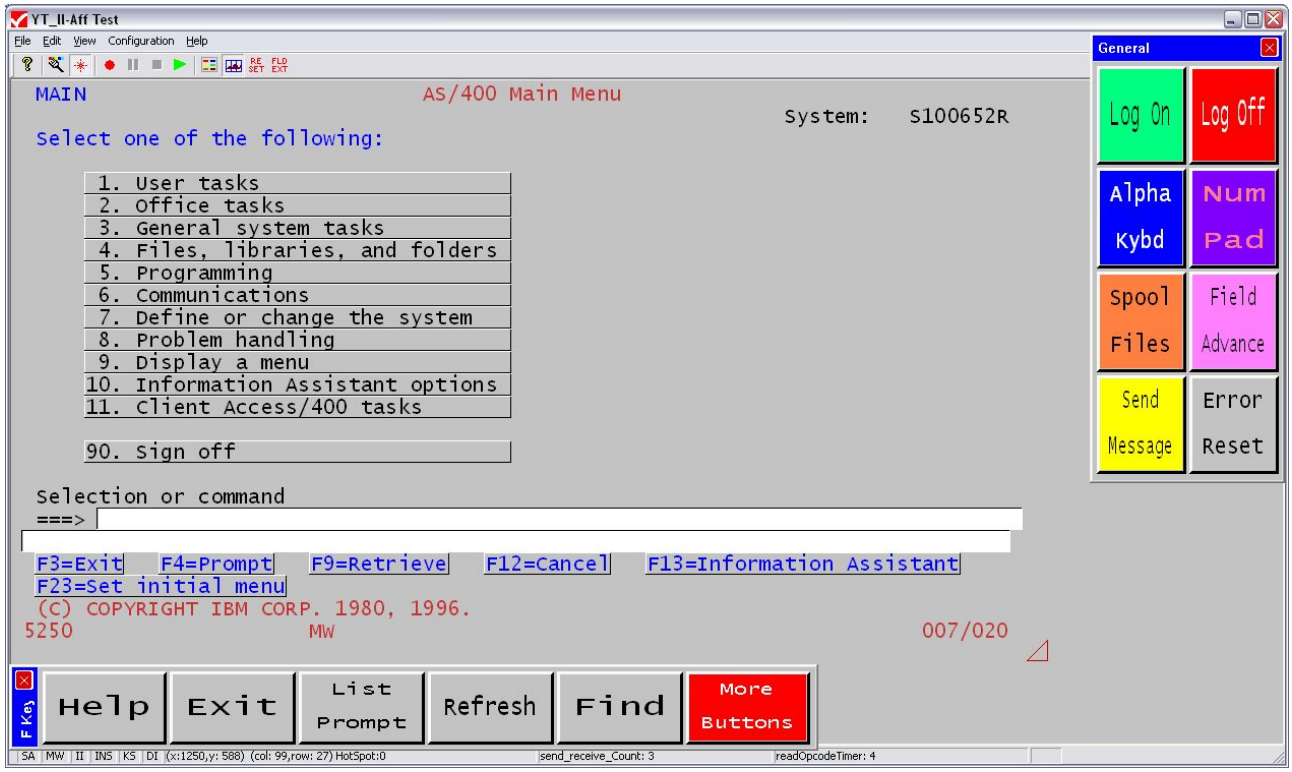
YES*term* II 5250 TCP/IP Emulation

User Guide

Version 3.1.31



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YES*term* II Overview

Features

The YES*term* II TN5250e emulator provides users with a powerful capability to connect to an IBM AS/400 or iSeries host computer via the TCP/IP protocol. It provides enhanced emulation functions with unique graphical presentation, including Fat Finger Control button panels. Up to twelve concurrent TCP/IP connections can be configured to multiple hosts.

YES*term* II can be installed on:

- Windows XP PCs
- YES*tation* Windows Based Terminals with Windows CE 5.0 or XPe.
- YES*tablets* with Windows CE 5.0 or XPe.

Features and operations are identical on the different platforms unless otherwise described in this document.

Significant characteristics of YES*term* II display sessions are:

- Scalable display size.
- Multiple custom Fat Finger Control button panels.
- Programmable Alpha and Numeric Keypads.
- Enhanced macro Record/Playback.
- Caged Mouse cursor.
- Choice of Windows or “Green Screen” Text presentation modes.

Licensing

YES*term* II is offered at two licensing levels. The lower, default level allows a maximum of five button panels. The advanced level allows a maximum of fifty button panels. Your copy of YES*term* II contains the code for both levels, and your registration key determines the active level. You can upgrade your level by paying for and obtaining a new registration key.

General Operation

- A session can be operated in Administrative or User mode. All configuration changes are done in Administrative mode, which is accessible under password control.
- Configuration is done from an open session.

Registration

If you get an Affirmative Computer Products device with YES*term* II already installed, the program should already be registered. If, for some reason, it is not registered, you will see the following window when you first open the program, although your **Program ID** will be different.

Registration Window

Should this happen, take the following steps:

1. Carefully note the **Program ID**.
2. **YES*tablet* only.** Before rebooting the tablet, execute a Registry Save (CE 5.0) or an EWF Commit (XPe). (See Saving/Restoring Your Configuration|Saving to Registry). If you fail to do this, but then reboot before entering a Registration Key, your new Registration Key will not work and you will have to repeat Step 1.
3. **YES*tation* with XPe only.** Before rebooting a YES*tation* with the XPe operating system, execute an EWF Commit (XPe). (See Saving/Restoring Your Configuration|Saving to Registry). If you fail to do this, but then reboot before entering a Registration Key, your new Registration Key will not work and you will have to repeat Step 1.
4. Contact Affirmative Computer Products Tech Support by email or phone to get the accompanying Registration Key for your licensing level.
5. Enter the key into the Registration Key field and click on **OK**. **Note: You must enter the dashes also**.
6. If appropriate for your device, execute a Registry Save or EWF Commit again to store the new key.

Note: The software is licensed to a specific device and may not be transferred to any other device without the express written permission of Affirmative Computer Products.

YES*term* II Configuration

Configuration is done from an open session. A session can be operated in Administrative or User mode, but all configuration is done in Administrative mode, which is accessible under password control.

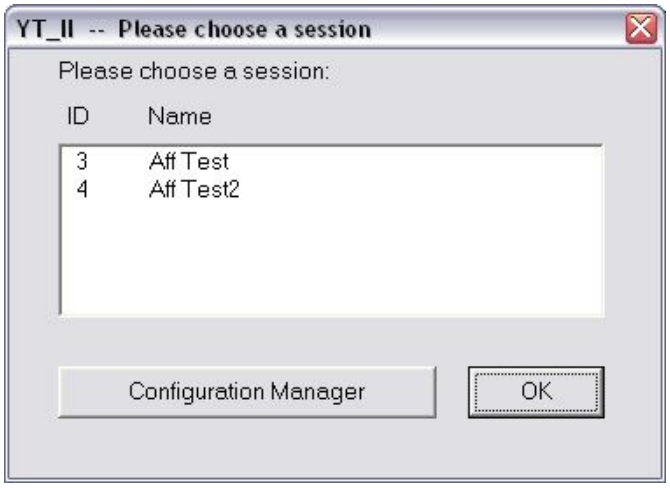
YES*term* II has two unique features which will probably dominate your configuration.

1. Multiple button panels can be created and scaled.
2. The usable screen area of a session can be scaled. This is unique on devices using the Windows CE.5.0 operating system because other emulators can only have full-screen, fixed-size windows.

Defaults

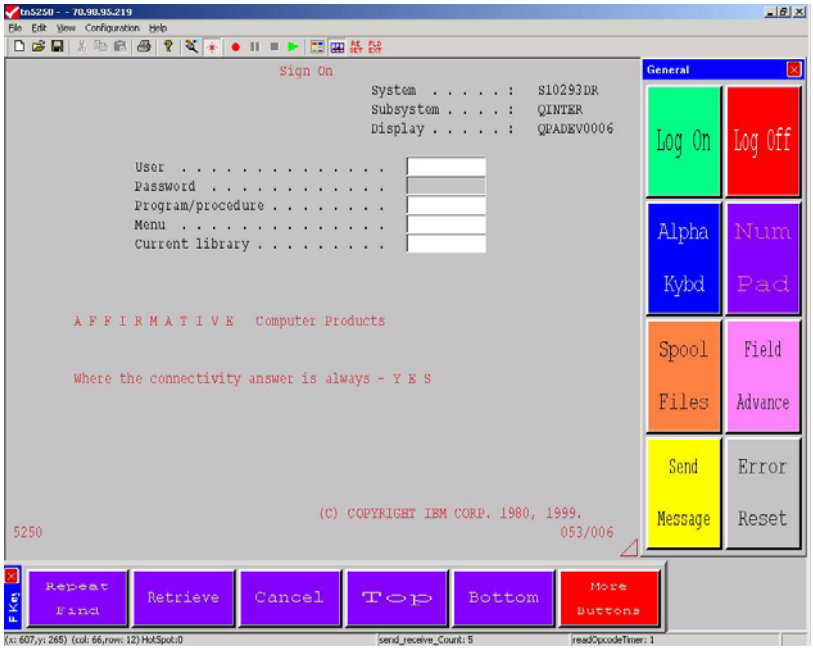
YES*term* II comes with a default configuration which includes five default button panels. We suggest that you create any custom panels by editing these default panels, although you are free to build entirely from scratch if you wish. If you are licensed at the five-panel level, you will have to delete a default panel in order to build a new one from scratch.

The first time you open YES*term* II, you will see the following window.



Choose a Session Window

You can click on **Configuration Manager** to enter the configuration mode, but for now, let's look at the button panel defaults.



Default Opening Screen

Two of the default button panels, General and FKeys1, are shown. The IP address, **70.98.95.219**, is that of the Affirmative Computer Products demonstration AS/400, and you can log onto this machine with the user name and password of **DEMO1**. The **Log On** button in the General panel is configured to automate this process.

There are five default button panels, and you can select any or all of them by clicking on the Button Panel icon.

Button Panel Icon

You can hide any panel by clicking on the **X** in the title bar, and you can reposition a panel by dragging at the title bar. You can also scale the working area of the session screen by dragging the triangle in the lower right-hand corner.

We suggest that you exercise the default button panels to get a feel for their effect and usefulness.

Default Panels

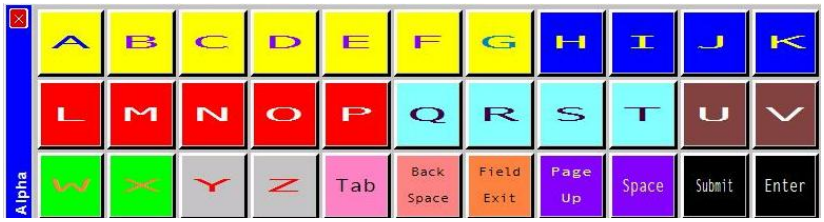
Normally, YES*term* II comes with five default button panels. We suggest that you become familiar with these panels and, if possible, edit one or more of them for your needs. Click on the Button Panel icon to see a menu of available button panels.

Default Button Panel Menu

Your menu may look different from the example, depending upon the licensing level (see YES*term* II Overview|Licensing) and the operational mode. In this example, licensing is at the fifty-panel level and the

menu has been opened from the Administrative mode. If it had been opened from the User mode, the **New** options would have been grayed out. If licensing were at the five-panel level, you would not see any **New** option since five button panels already exist. Here is a brief discussion of the default panels.

Alpha



Alpha Button Panel

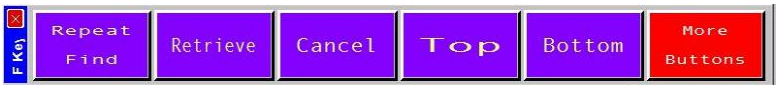
This panel is for users who are baffled by the standard QWERTY keyboard, or who want bigger keys than those found in the tablet pop-up keyboard. There are a few items to discuss here:

- Note that the title bar is a vertical bar on the left. When a panel is created or edited, you can choose to place a vertical title bar on the left or a horizontal title bar on the top.
- The **Enter** key at the lower right has the effect of executing an **Enter** command and then hiding the Alpha panel.
- The **Submit** key on the lower right has the effect of executing an **Enter** command, but the Alpha panel remains visible.

Note: This panel can only be used for alpha input to a 5250 screen. It cannot be used for alpha input to a configuration dialog box.

F Keys #1 and #2

F Keys # 1 Button Panel



F Keys #2 Button Panel

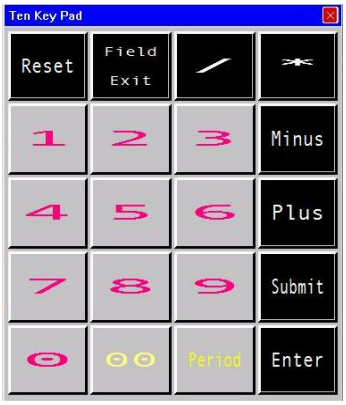
Several of the more common F key commands have been incorporated into these two default button panels. The **More Buttons** button on the right end of each panel invokes the other F Key panel.

General

General Button Panel

This panel invokes several useful macros as well as calling up the Alpha and Ten Key (Num) Pad panels.

Ten Key Pad



Ten Key Pad Button Panel

This panel is a hybrid between the familiar numeric pad on your PC keyboard and the familiar button pad on your telephone, with the addition of a **double-zero** key. It also has the **Submit** and **Enter** keys, whose actions are explained under the Alpha button panel.

Resetting to Factory Defaults

It may be necessary to reset YES*term* II to factory defaults for troubleshooting purposes. This is also an easy way to get back to a known configuration after you have tested the configuration modification capabilities as discussed in Modifying the Configuration.

If you have made extensive configuration changes, and really don't want to lose them after troubleshooting some problem, execute one of the following procedures depending upon the device and operating system:

- **All devices.** Export your configuration (see Saving/Restoring Your Configuration) before resetting to defaults, and then import the configuration after troubleshooting is complete.
- **YES*tablets* with Windows CE.** Avoid, if you can, saving the defaults to Registry (see Saving/Restoring Your Configuration|Saving to Registry) after resetting to defaults.
- **Devices with Windows XPe.** Ensure that EWF Manager is Enabled before resetting to defaults, and avoid Committing after the reset.

To reset:

1. Enter Administrative mode, as described in Modifying the Configuration|Administrative Mode
2. Open the **Configuration** menu and click on **Reset to factory defaults**.
3. You will be asked to confirm your decision. Click on **Yes**.
4. You will get a success message. The default parameters will take effect after you close and reopen the session.

Modifying the Configuration

In general, we can discuss two groups of configuration properties, Button Panel and Non-Button Panel.

NOTE: For all XPe units and YES*tablets* with Windows CE, you must save your changes in the Registry if you want them available for configuration export or if you want them available after the next tablet reboot. See Saving/Exporting/Importing Your Configuration|Saving to Registry for the process.

Enabling Administrative Mode

You must be in Administrative mode to modify the configuration or scale the button panels. The procedure for enabling the Administrative mode differs slightly, depending upon whether or not you are already in an open session.

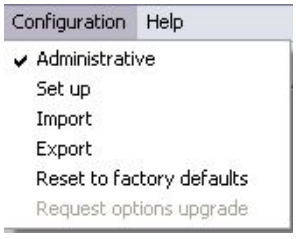
From an Open Session

If you are in a session that is already connected to a server, you must disconnect before enabling Administrative mode.

1. If you are signed on to a server, sign off.
2. Click on **File>Disconnect**. The session screen will go blank.
3. Click on **Configuration>Administrative**. You will see the Password dialog box.

Password Dialog Box

4. The default password is **Admin**. If you want to change the password, click on **Change password** and go through a typical password-change dialog box
5. Enter your password and click on **OK**.
6. You will see a window telling you “Configuration manager mode enabled”. Click on **OK**.
7. Open the **Configuration** menu. You will now see that the menu entries are no longer grayed out, and that there is a check mark by **Administrative**.

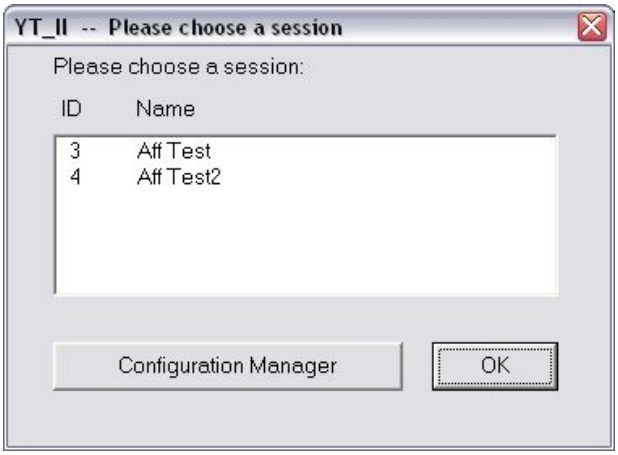


Configuration Menu in Administrative Mode

8. After enabling Administrative mode, you can re-connect the session to the server, thereby allowing you to immediately see the effects of most of the changes that you made under **Set up**. (see Non-Button Panel Properties)
9. This session will remain in Administrative mode until you close the session. You can also disable Administrative mode by clicking on **Configuration>Administrative** and answering **Yes** to the confirmation request.

From the Executable

1. Open YES*term* II to see the Choose a Session window.



Choose a Session Window

2. Click on **Configuration Manager**.
3. You will see the Password dialog box.

Password Dialog Box

4. The default password is **Admin**. If you want to change the password, click on **Change password** and go through a typical password-change dialog box
5. Enter your password and click on **OK**.
6. You will see a window telling you "Configuration manager mode enabled". Click on **OK**.
7. A blank session window titled "YT_II-Administrative Mode" will open. If you open the **Configuration** menu, you will see a check mark next to **Administrative**, signifying that you are now in the Administrative mode.
8. This session will remain in Administrative mode until you close the session. You can also disable Administrative mode by clicking on **Configuration>Administrative** and answering **Yes** to the confirmation request.

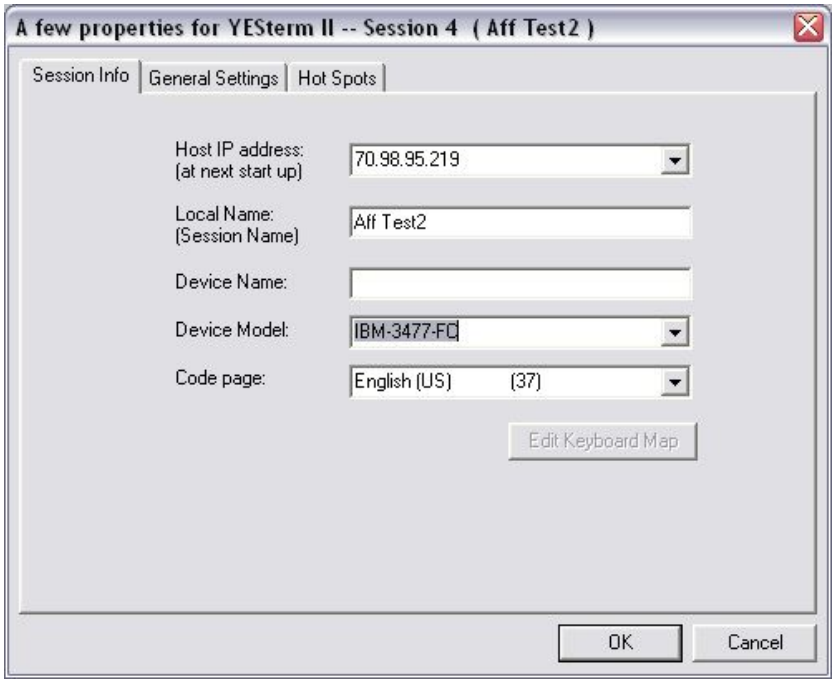
Non-Button Panel Properties

You will probably want to adjust these first because the host IP address is in this group. Click on **Configuration>Set up** to open the Choose a Session to Edit window.

Choose a Session to Edit Window

If you have opened this window from an open session, you can choose to edit that same session or any other session that has already been defined. After you have chosen an existing session or named a new session, you will see the Session Info dialog box.

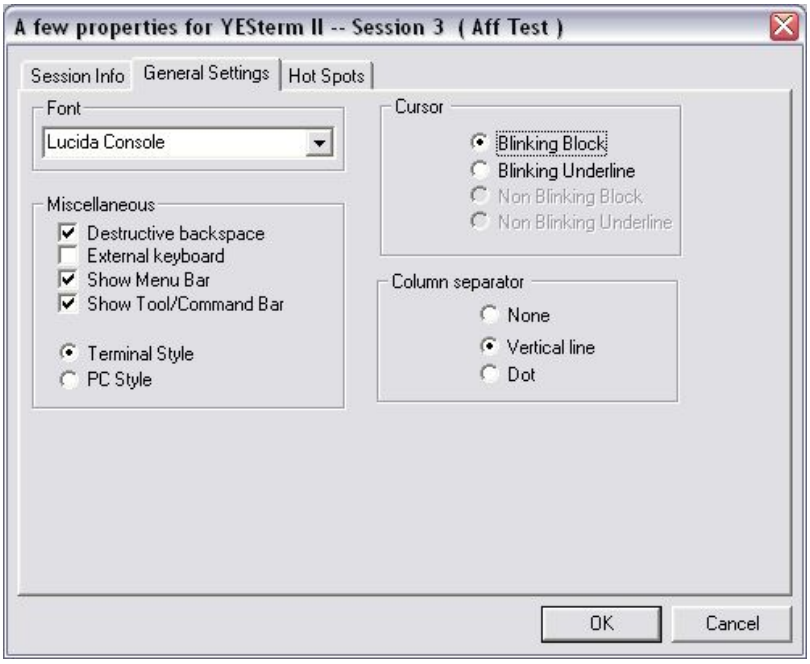
Session Info



Session Info Dialog Box

- **Host IP Address**. Enter the IP address of your host server here. If you click on the drop-down arrow, you will see a list of all the IP addresses that have ever been issued from this program, and you can choose one of them.
- **Local Name**. Enter a "friendly" name that will appear on your Desktop Task Bar and on the session title bar.
- **Device Name**. If you are using Named Devices on your server, enter the device name here.
- **Device Model**. The default **3477FC** model is widely used in the IBM Mid-Range world. But you can choose a different model from the drop-down list
- **Code Page**. The drop-down list also shows a German code page, and you can choose it. However, this code page is not yet fully developed, and we recommend that you do not use it at this time.
- **Edit Keyboard Map**. Clicking on this button (if it is active) will open a Keyboard Map utility. However, this utility is not yet functional.

General Settings



General Settings Dialog Box

Font

You have a choice of three fonts, **Andale** (default), **Lucida**, and **Courier**.

Miscellaneous

- **Destructive backspace.** Check this box (default) to delete the previous character when you strike the **Backspace** key.
- **External keyboard**. This setting applies only to YES*tablets*, which have an integral touch-screen, pop-up keyboard. When installed on a YES*tablet*, this emulator is designed to automatically invoke the pow-up keyboard whenever a dialog box is opened. If an external USB keyboard is being used with the tablet, the pop-up keyboard is redundant and annoying. So check this box to inhibit the pop-up keyboard.
- **Show**…. You can hide either or both of these bars in the session screen if you wish. If you choose to hide the tool bar, three buttons -- **Caged Mouse, Reset**, and **Field Exit** – will still be visible and available to the user.
- **Terminal Style.** The pop-up QWERTY keyboard on a YES*tablet* is very similar to a notebook keyboard with standard PC nomenclature. However, there is no **RightCtrl** key, which is normally used as a command key by 5250 users. So the **End** key has been substituted for **RightCtrl**, and this is the case even if the **External keyboard** option is checked. For ease of use for 5250 users, several of the buttons have been remapped to 5250 standards. If the terminal style is selected, the following keys are mapped to 5250 commands in this session.
    - **PC Enter** to **Field Exit**.
    - **End** to **Enter**.
    - **Shift+PC Enter** to **New Line.**
    - **Shift+Esc** to **SysRq.**
- **PC Style**. With this style, the four keys are mapped as follows:
    - **PC Enter** to **Enter.**
    - **End** to **Field Exit.**
    - **Shift+PC Enter** to **New Line.**
    - **Shift+Esc** to **SysRq**.

Cursor
Only the blinking cursors are available at this time.

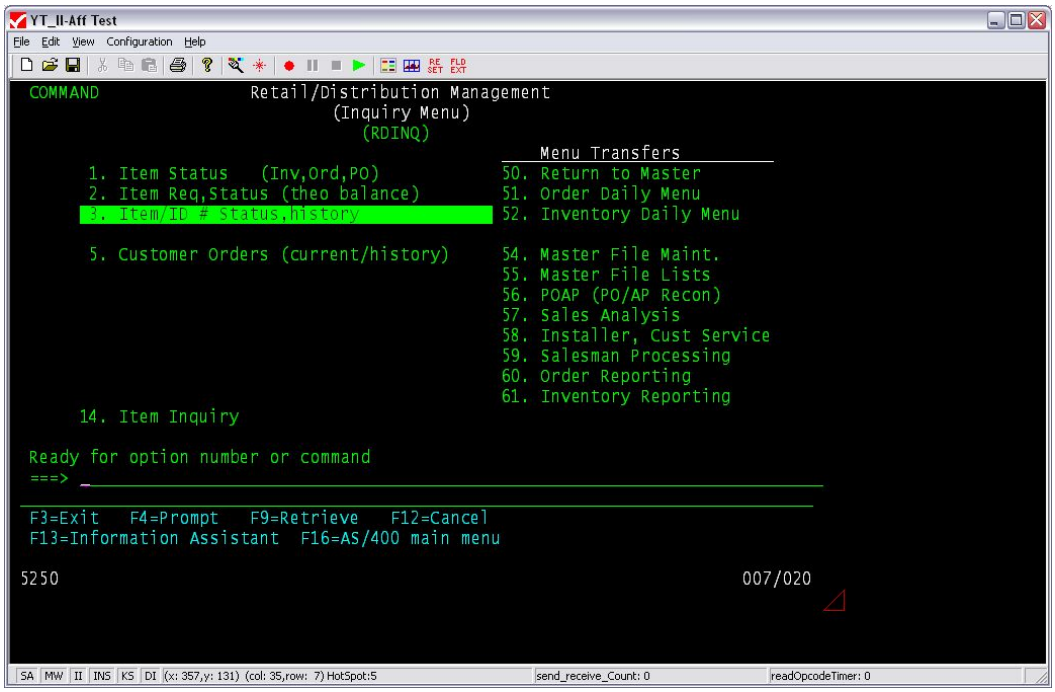
Column Separator
Use a column separator if you want to define the character positions of your input fields (if the server application supports it).

Hot Spots

A Hot Spot is an area of the session window on which you can single-click the left mouse button to execute a command or function. Actually, a Hot Spot is the result of a text search by the emulator for the specified text string on the screen. The Function Key and Numeric fields (from 1 to 99 followed by a "period" or "space") Hot Spots are active by default, but you can add other Hot Spot keys and/or edit/remove them.

A Hot Spot can be used to:
- Simulate a function key.
- Execute a Recorded Sequence that has the same name as the word that you select on the screen.
- Execute a command that you select.

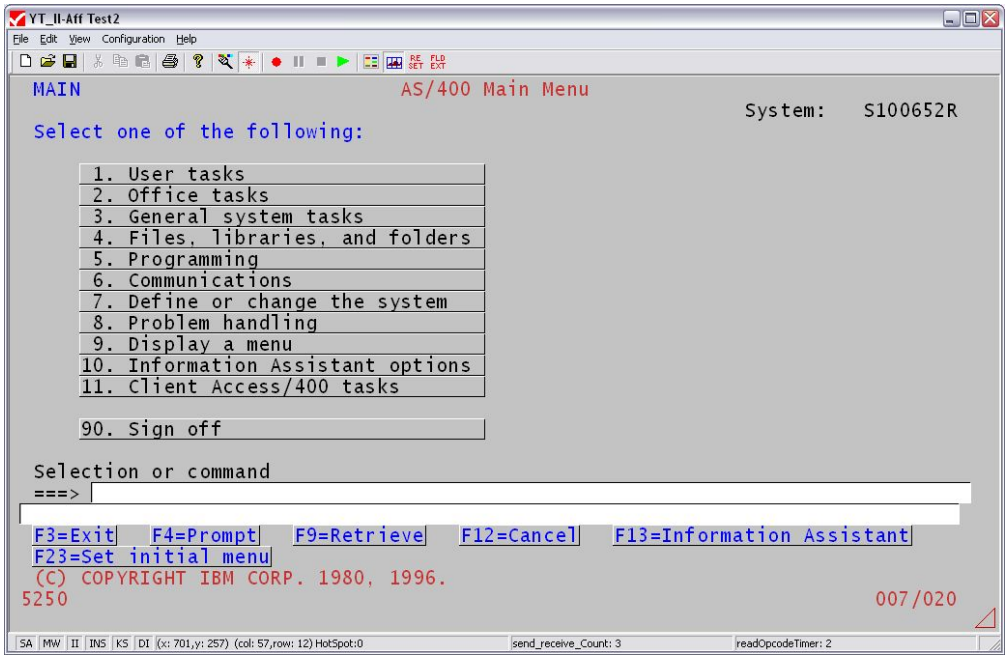
Standard View
If Standard View is selected in the emulation screen Toolbar, Hot Spots are invisible unless the mouse cursor is dragged over them, and then only the one under the mouse cursor becomes visible.



Emulation Screen with Standard View and Hot Spots

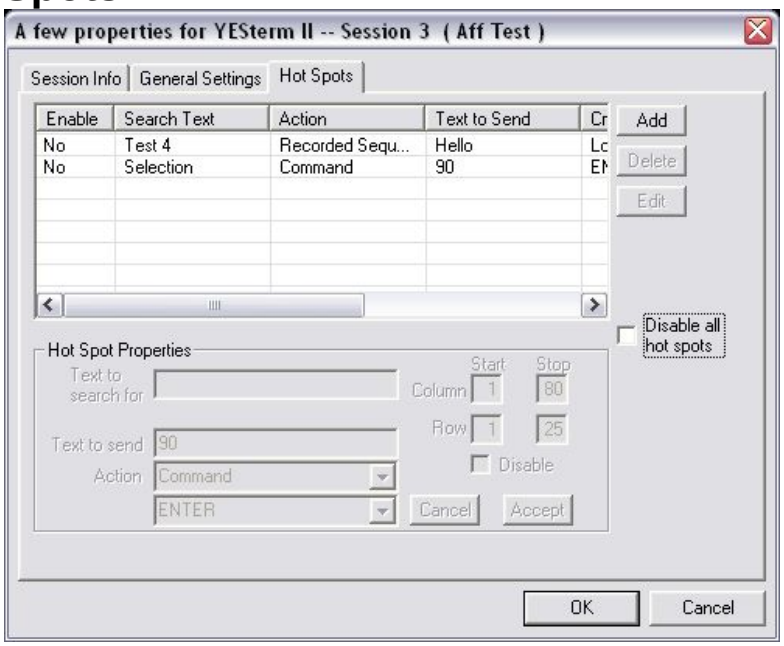
In this example, the mouse cursor, not seen in this picture, is somewhere over the highlighted area. A left click will automatically put a **3** in the command field and execute an **Enter** command.

Advanced View
Hot Spots are displayed as raised buttons if the Advanced View option is selected in the emulation screen Toolbar. Advanced View is the most productive way to operate since all menu items, Function Keys, sub-file options, and custom Hot Spots are always visible and accessible as raised buttons.



Emulation Screen with Advanced View and Hot Spots

Custom Hot Spots

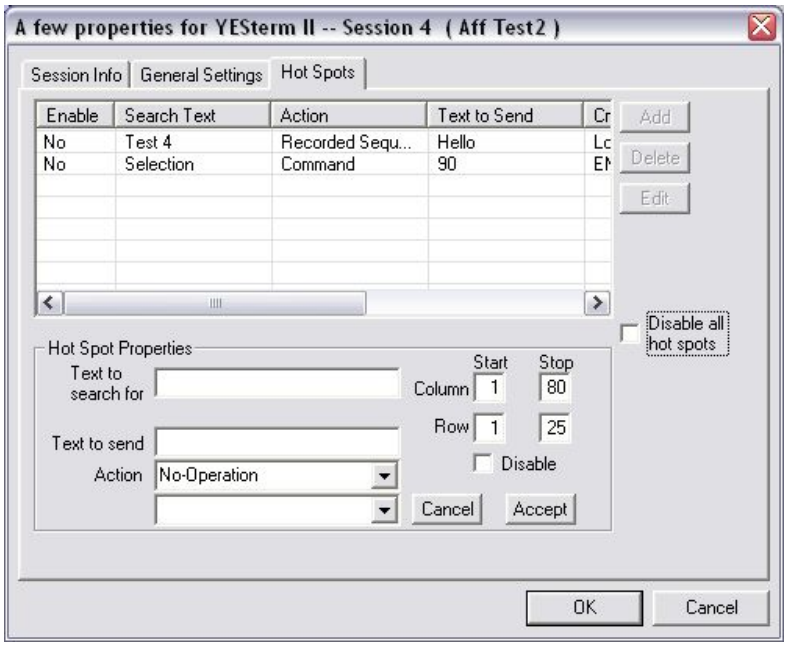


Hot Spots Dialog Box

This dialog box is used to define custom Hot Spots. Hot Spots created in this dialog box are available to all sessions. There is only one Hot Spot configuration per emulator, not one per session. However, the **Disable all hot spots** radio button is effective on a per-session basis.

To Add a Hot Spot:

1. Click on **Add**.. You will see that the Hot Spot Properties fields are now active.



2. Type the Hot Spot text string you want to detect.
3. If part of the response to this Hot Spot is to place some text in the command field, type the text in the **Text to send** field.
4. Select the Action from the drop-down list.
   - **No-Operation**. No action is taken.other than to enter any **Text to send** text.
   - **Command**. Execute one of the standard 5250 commands or F keys. Choose this command/F key from the drop-down list in the field below the Action field.
   - **Recorded Sequence**. Execute a pre-recorded key sequence. Choose this sequence from the drop-down list in the field below the Action field.
5. Specify the text search area on the screen by entering start and stop columns and rows.
6. If you do not want to enable this new Hot Spot immediately, check the **Disable** box.
7. Click on **Accept**.
8. Repeat the sequence for another new Hot Spot, or select another tab, or click on **OK** to close the dialog boxes.

To Edit a Hot Spot:

1. Select the Hot Spot you want to modify.
2. Click on **Edit.** You will see that the Hot Spot Properties fields are now active and contain the properties for the target Hot Spot.
3. Modify the properties as desired per the guidelines described above for adding a Hot Spot.
4. Click on **Accept.**
5. Repeat the sequence for another Hot Spot, or select another tab, or click on **OK** to close the dialog boxes.

To Remove a pre-defined Hot Spot:

1. Select the Hot Spot you want to delete.
2. Click on **Delete**.
3. Repeat the sequence for another Hot Spot, or select another tab, or click on **OK** to close the dialog boxes.

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Button Panel Properties

Here is where things get really interesting. YES*term* II allows the creation and scaling of custom button panels that provide ease of touch-screen use even for users with “fat fingers” or mittens.

If you are configuring button panel properties in a YES*tablet*, we suggest you temporarily use a USB mouse with your tablet. Frequent use of the mouse right-click, as described below, tends to become tedious on the touch screen.

YES*term* II is designed to automatically pop up the on-screen keyboard when a configuration dialog box is opened. This keyboard will disappear when you exit the dialog box. You can also use a USB keyboard to add button nomenclature and text strings, and if you do, we suggest that you disable the automatic on-screen keyboard popup as described in Non-Button Panel Properties|General Settings.

Right-Click

If you are configuring button panel properties in a YES*tablet*, you are going to use a lot of mouse right-clicks. If you don’t use a USB mouse, you need to know how to execute a right-click on the touch screen. Normally, a touch on the screen is interpreted as a left-click. To enable right-clicks:

1. Depress Button 10 on the upper right edge of the tablet.
2. You will see a very small window depicting a two-button mouse. This window will remain until you click on the **X**.
3. Click on this mouse screen. You will see the black click-status indicator move from the left button to the right button.
4. You are now enabled for one mouse right-click. Your next touch on the screen will be interpreted as a right-click.
5. After you make that one right-click, the status indicator will move back to the left button. To execute another right click, repeat Steps 3 and 4.
6. Now that you see what a pain this is, go find an external USB mouse.

Modifying a Default Panel

There are three types of modifications that you can make to an existing panel, sizing, button modification, and changing the button layout (rows and columns). You can also lock all panels for a session such that they cannot be moved or hidden. We will use the Alpha panel as an example for modification.

Panel modification requires that you be in the Administrative mode (see Enabling Administrative Mode). After entering Administrative mode, the first step in any type of panel modification is to execute a right-click on the panel title bar. You will see the following context menu:

If you are not in Administrative mode, there is only one thing you can change; you can lock or unlock all panels for that session. Even then, you must enter the administrative password to execute a lock/unlock.

Lock/Unlock

To lock the panels, the procedure is:

1. Right click on a panel title bar. You will see a context menu. If you are not in Administrative mode, the menu appears as shown here. If you are in Administrative mode, **Enable button editing** will also be active.

2. Click on **Lock all panels**. A password dialog box will open.
3. Enter the same password that is used to enable Administrative mode.
4. **OK** out of the dialog box. Now you will see that there is no **X** in the panel title bars, and the title bars have changed from blue to bright red. All panels are now locked. You cannot hide a panel, and you cannot change its position.

To unlock the panels, repeat the above procedure. The only difference is that the context menu will show

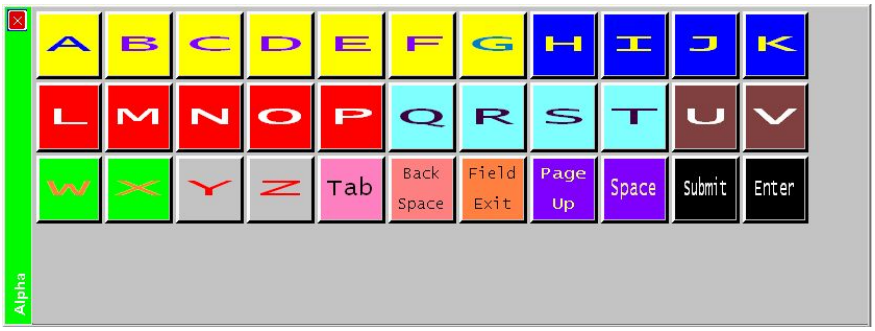
Enable Button Editing

Click on this option, if it is active, to enable the panel for modification. When you do this, the title bar color will change from its normal blue color to green.

Sizing

Button panels can be sized just like any Windows window. You drag one of the horizontal or vertical edges, or you drag a corner to size in both dimensions. The individual button size and nomenclature font will be automatically resized as you resize the panel. The procedure is:

1. Enter Administrative mode.
2. Right click on the title bar of the panel that you wish to resize.
3. Click on **Enable button editing** to enter the Button Editing mode. You will see that the title bar changes color from blue to green.
4. Drag an edge or corner to resize. As you drag, you will see the new added area in gray.

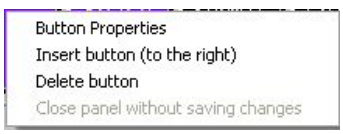


Resizing the Alpha Panel

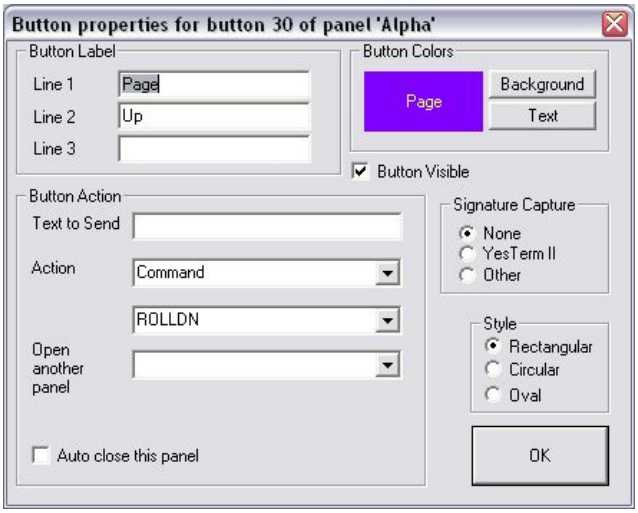
5. Release the drag, and the panel will fill the gray area.

Button Modification

It is easy to change a button's label or to change a button action. We suggest that you click on several different types of buttons in the panel, just to see the varying types of properties. Right click on the target button to see a context menu:



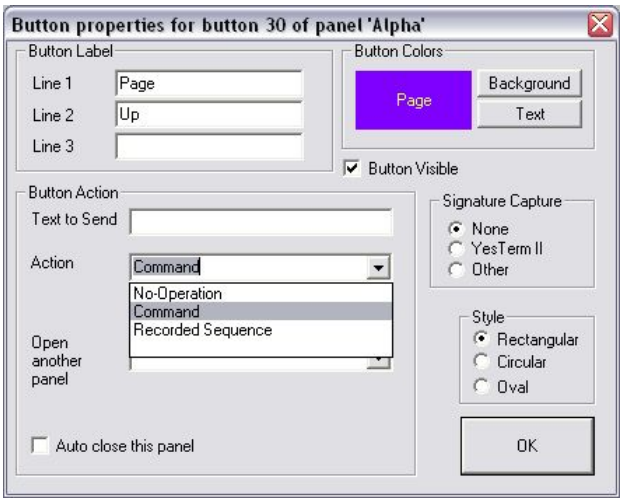
Now click on **Button Properties** to see a dialog box.



Button Properties Dialog Box

In this case, we chose the **Page Up** button, which is the 30th button in the Alpha panel when counting from the upper left corner, left to right.

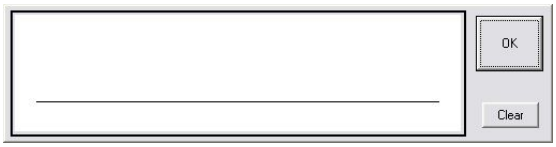
- **Button Label**. Enter your label in these three fields. If you have a multi-word label, distribute the words as evenly as possible in the three lines because the font will be automatically sized to the longest word or words on any of the lines. If you have only a one-word label, you can put it in any of the fields, because it will automatically be placed in the center of the button.
- **Button Color**. You have a wide range of color choices for both the background and the text. Click on the appropriate button to bring up a color palette from which to make your choice.
- **Button Action**. As currently configured, the **Page Up** button executes the 5250 command of Roll Down. But you have a lot of choices.
    - **Text to Send**. You can enter a text string here. This string will be entered into a 5250 input field when you click on the button. You can enter a text string *and* follow it with an action, all from the same button.
    - **Action**. Click on the **Action** drop-down arrow to see the drop-down list.



Action Drop-Down List

- **No-Operation**. If you only want to enter a text string with this button, choose this action.
- **Command**. This choice will make available a large list of 5250 commands from the drop-down list in the second Action field. Choose one.

        - **Recorded Sequence**. This choice will make available the list of macros that currently exist—default macros and those that you have created (see How To… for more information on macros). Choose one.
    - **Open another panel**. Depending upon your workflow, it may be handy to open another panel after the current action is completed. The drop-down list shows the button panels that currently exist. You can choose one, and that one will appear whenever this button is activated.
    - **Auto close panel**. Check this box if you want to panel to be hidden after the button is activated.
- **Button Visible**. Some users want to separate active buttons on a panel. This can be done by creating intervening buttons without any text or action, and then making them invisible.
- **Signature Capture**. This is a prototype feature primarily intended for YES*tablets*. It allows a signature to be captured and stored as a **.bmp** file. If you select **YesTerm II** here, the button label is automatically forced to **Signature Capture**. When the button is pressed, a signature capture box will open as shown here.

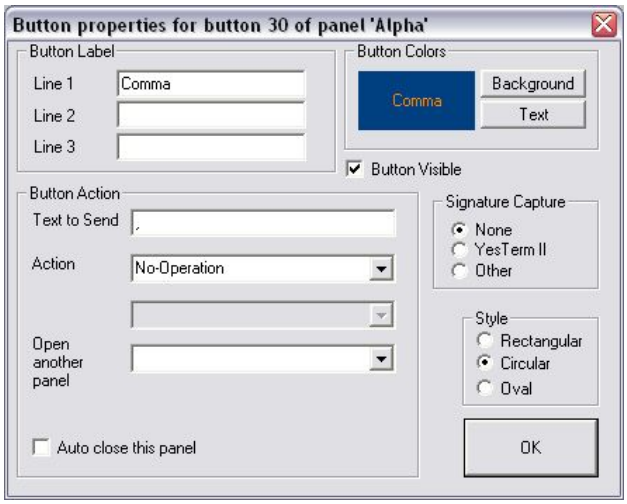


Signature Capture Box

With a YES*tablet*, a signature can be entered here with your stylus. With a YES*tation*, you can enter a signature with your mouse, but it probably won't look very nice. When you click on **OK**, that signature is captured as a **.bmp** file and stored in the same folder that contains the YES*term* II executable. Any text in the Text to Send field will be placed in the cursored input field, and any specified Action will also be carried out at this time.

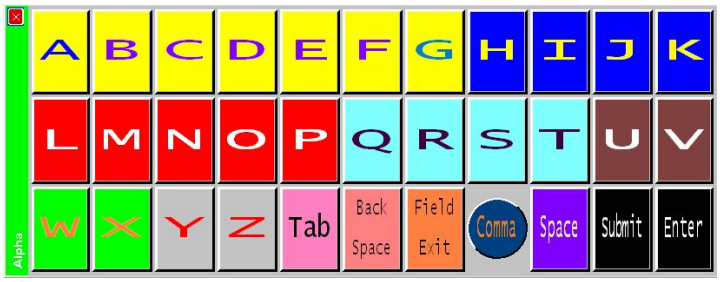
- **Style**. Choose a button shape here. The obvious default is **Rectangular**.

Here are a couple of examples. In this first example, the **Page Up** button has been changed to a circular **Comma** button. The background and text colors have also been changed.



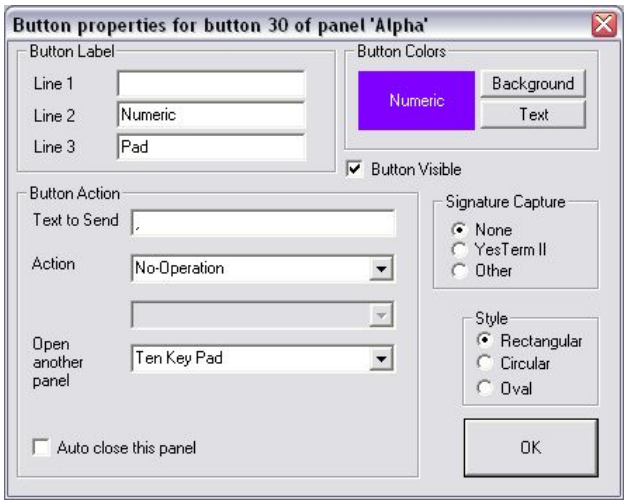
Comma Dialog Box

This results in the following panel:



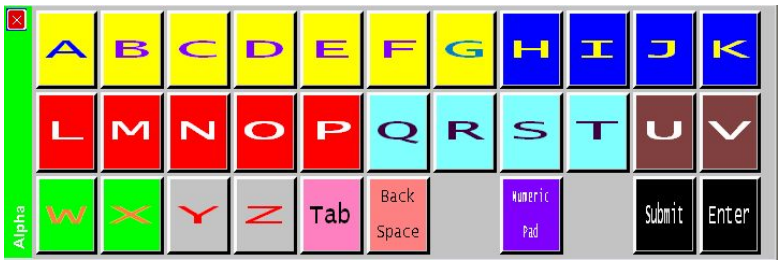
Alpha Panel with Comma Button

Here the **Page Up** button has been changed to call up the Ten Key Pad button panel.



Numeric Pad Dialog Box

We have also made the buttons invisible on either side. The result is:



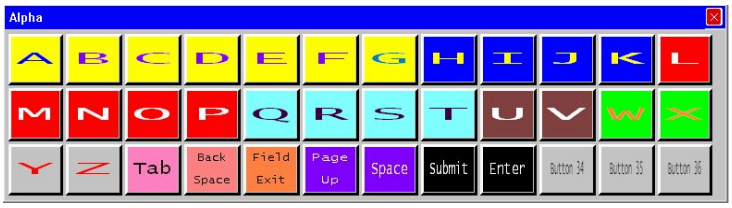
Button Layout

You can add or delete buttons or change the row/column layout. From the Button Editing mode (see Sizing), right click on the panel title bar and select **Adjust rows and columns** fro the resulting context menu. You will see this dialog box.

Alpha Panel Button Layout Dialog Box

- **Panel Name**. The panel name, which appears in the title bar, is shown here, and can be edited.
- **Title Bar**. You can choose to have the title bar horizontal on top of the panel or vertical at the left of the panel.

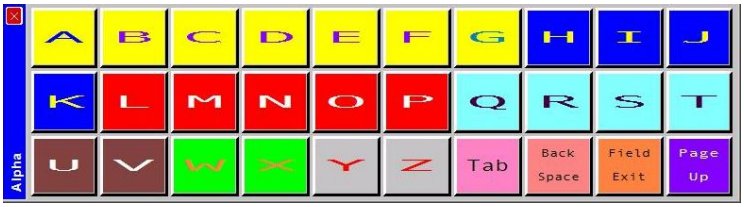
- **Columns/Rows**. These numbers will determine the button layout. The screen shot below shows the Alpha panel changed to twelve columns and three rows. The title bar has also been repositioned to the top.



Alpha Panel with Twelve Columns

Note that the new layout does not have a new column with three new unconfigured buttons. Instead, three new buttons have been added at the end of the panel, and the other buttons, beginning with **L**, have changed positions. The new buttons can be configured as described in Button Modification.

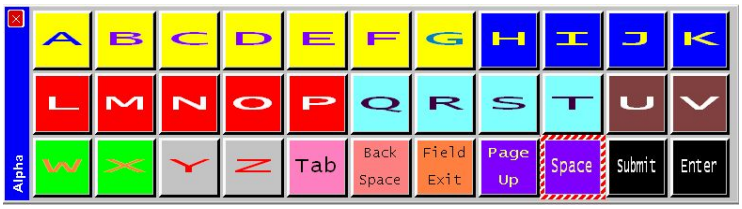
Here is a screen shot of the Alpha panel changed to ten columns and three rows.



Alpha Panel with Ten Columns

Note that the new layout has deleted the last three buttons—**Space**, **Submit**, and **Enter**—and changed positions of the other buttons beginning with **K**.

- **Remember last button pushed**. In some workflow situations, it is helpful to know which button was last pushed. If this box is checked, the last pushed button will be identified as shown here with the **Space** button.



Alpha Panel Showing Last Button Pushed

- **Make a Copy**. This button will cause a copy to be made of the target panel. But first you must change the panel name If you click on the **Make a Copy** button before changing the name, you will get a message telling you to change the name.
- **Save as *.CSV**. This button will create an Excel Comma Separated Value file, which has at least two useful purposes.
    - You can replicate individual panels to other copies of YES*term* II on other devices.
    - You can edit some panel properties in Excel.

Creating a New Panel

You may want to add your own button panels from scratch. With YES*term* II, new panels are easy to create; and you can increase your user productivity by having specific button panels for specific AS/400 applications or for individual screens within applications.

Button Layout

Click on the Button Panel icon

to open the list of available panels.

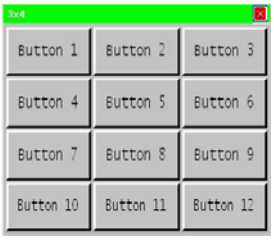
Button Panel List

Note: You will only see a Manual **New…** option if you are licensed for fifty panels, as discussed in YES*term* II Overview|Licensing, or if you are licensed for five panels and have deleted one or more of the default panels.

Click on **New…** under Manual. The New Button Panel dialog box will appear. In the future, you will be able to automatically create new panels based upon salient features of a 5250 screen (i.e. Auto **New**), but that capability is not available yet.

New Button Panel Dialog Box

- **Panel Name**. Enter the name that you wish to appear in the Button Panel menu and in the title bar of the panel.
- **Title Bar**. Choose the title bar location. If you put it at the top, the bar will be horizontal; if you put it at the left, the bar will be vertical.
- **Columns/Rows**. Select your layout to accommodate your aesthetic senses. Here is a new 3x4 panel.

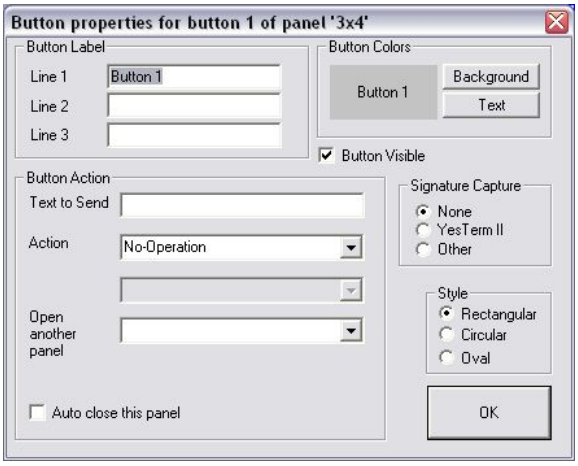


New 3x4 Panel

  Note how the buttons are numbered. YES*term* II stores configurations internally by button number. Numbering is left to right, top to bottom.
- **Load from *.CSV**. As described in Modifying a Default Panel|Button Layout, a panel configuration can be saved as an Excel Comma Delimiting file. This configuration can be replicated by loading from this file here.

Button Configuration

Now you must configure each button, unless you replicated from a ***.CSV** file. Right click on a button to configure it. You will see the Button Properties dialog box.



Button Properties Dialog Box

Refer to Modifying a Default Panel|Button Modification for instructions on using this dialog box.

Deleting Button Panels

To delete a button panel:

1. Close the button panel that you wish to delete, if it is open.
2. Right-click on the Button Panel icon. The panel list will open.
3. Left-click on the panel you wish to delete. If you failed to close this panel, you will get an error message of admonishment.
4. You will be asked to confirm your decision. Answer **Yes**.
5. The panel is now deleted.

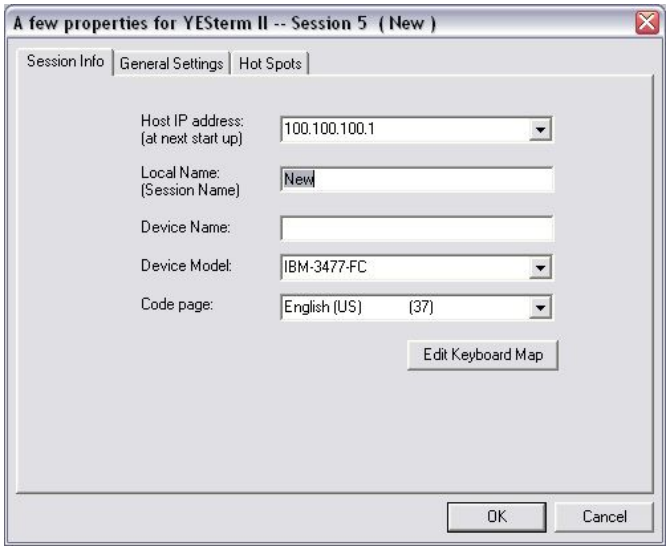
Creating a Session

Create a new session as follows:

1. Enable Administrative mode.
2. From the Configuration menu, click on Setup to open the Choose a Session to Edit window.

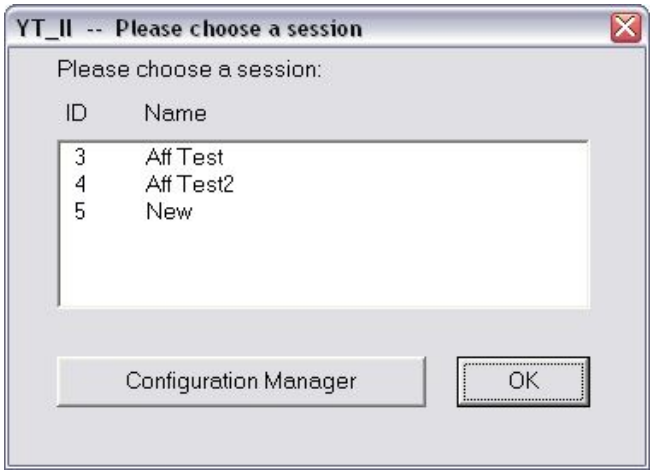
Choose a Session to Edit Window

3. Click on **Create a new session**.
4. Enter a name for your new session.
5. Click on **OK**. This will open the Session Info dialog box for the new session.



Session Info Dialog Box

6. Enter the parameters for the new session as discussed in Modifying the Configuration|Non-Button Panel Properties.
7. After you **OK** out of this set of dialog boxes, the new session will appear in the Choose a Session window as shown here.



Saving/Exporting/Importing Your Configuration

If you are running YES*term* II on a YES*tation* with Windows CE or a PC with Windows, your configuration changes will be automatically saved in the Registry. But if you are using a YES*tation* with the XPe operating system, or a YES*tablet* with Windows CE or XPe, you will have to execute a separate operation in order to save your changes beyond the next reboot. This operation will also save the properties of all sessions that you have created.

You can also export your configuration to external storage. This can be useful for several reasons:

- You can restore that configuration after resetting a YES*tablet* or YES*tation* factory defaults.
- You can restore that configuration after updating the firmware on your YES*tablet* or YES*tation*.
- You can clone the configuration and macros to other devices.

Saving to Registry

The method of saving to the Registry varies depending upon the operating system.

XPe

To save changes to the Registry:
1. Close your YES*term* II sessions.
2. Open the Enhanced Write Filter Manager.
3. Execute a Commit operation.

YES*tablet* with Windows CE

To save changes to the Registry:
1. Close your YES*term* II sessions.
2. Open **My Device>Control Panel>Save Settings**.
3. Check **Save Current Settings** and click on **OK** in the resulting message.
4. Click on **OK** in the subsequent message box.

Exporting Your Configuration

We recommend that you export your settings to external storage such as a USB drive or a CF card. To export:
1. Save your settings to Registry as described above.
2. Open a session.
3. Enter Administrative mode (see Modifying the Configuration|Enabling Administrative Mode).
4. From the **Configuration** menu, open **Export**.
5. Choose a destination and file name.
6. Click on **Save**. You will get a confirmation message.

Importing Your Configuration

Your configuration file, upon export, is saved as a .ini file in the designated storage location. If you want to restore that configuration, or clone to another device with YES*term* II, do the following:
1. If your configuration file is on external storage, attach that storage.
2. Enter Administrative mode (see Modifying the Configuration|Enabling Administrative Mode).
3. From the **Configuration** menu, open **Import**.
4. Choose a source and file name.
5. Click on **Open**. You will get a confirmation message.
6. Close and reopen YES*term* II.

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YES*term* II Operation

Caged Mouse™

This is an outstanding feature of YES*term* II. Users of 5250 emulation know that if they use a mouse, it is easy to mistakenly position the mouse cursor outside of an input field. Then they get an annoying error message when they try to type a character, and they have to execute a Reset. Random mouse cursor positioning is even more prevalent when using a tablet touch screen.

The Caged Mouse feature eliminates this problem. When Caged Mouse is activated, YES*term* II will refuse to accept a mouse or keyboard cursor position outside of an input field.

Caged Mouse Button

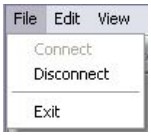
The factory default for Caged Mouse is **On**. You can toggle this mode by clicking on the **Caged Mouse** button in the Tool Bar.

Menu Bar

Menu Bar options consist of commands and functions that are unique for each window (session).

Menu Bar

File



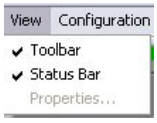
File Menu

- **Connect**. A session typically comes up in the connected state, and this option is grayed out. But if, for some reason, the session is not connected, this command will attempt to connect the display session to the host.
- **Disconnect**. This command disconnects the session from the host, but leaves the session window open. It is recommended that you disconnect only from the Sign-On screen.
- **Exit**. This command closes the session in use.

Edit

This menu is currently of no use.

View

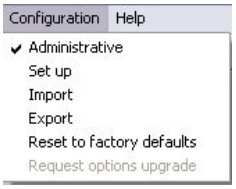


View Menu

- **Toolbar**. By default, the Tool Bar, at the right of the Menu Bar, is visible. Uncheck this option if you want to hide it.
- **Status Bar**. By default, the Status Bar, at the bottom of the session window, is visible. Uncheck this option if you want to hide it. You can also hide it by dragging a button panel over it.
- **Properties**. This option has no use.

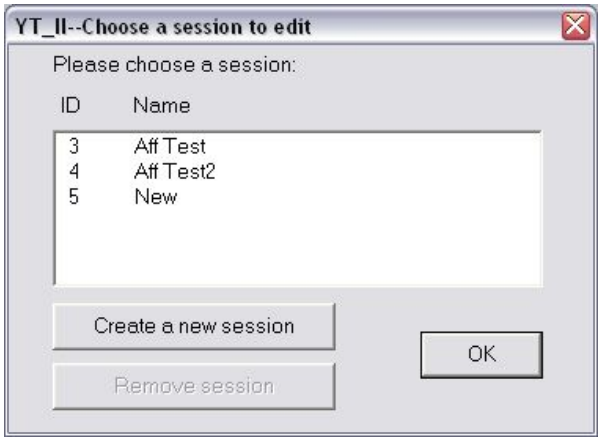
Configuration

These options are grayed out in User mode. The Administrative mode must be enabled (see YES*term* II Configuration|Configuration|Modifying the Configuration|Enabling Administrative Mode) in order to use them.



Configuration Menu

- **Administrative**. This option is checked when in Administrative mode.
- **Set up**. Click on this option to open the Choose a Session to Edit window.

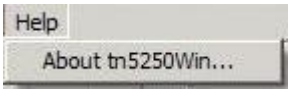


Choose a Session to Edit Window

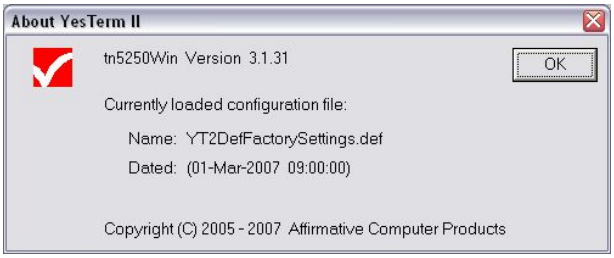
Now you can modify, create, or remove a session as discussed in YES*term* II Configuration.

- **Import**. Click on this option to import a configuration as discussed in YES*term* II Configuration|Saving/Exporting/Importing Your Configuration.
- **Export**. Click on this option to import a configuration as discussed in YES*term* II Configuration|Saving/Exporting/Importing Your Configuration.
- **Reset to factory defaults**. Click on this option to reset to factory defaults. This can be useful when troubleshooting or when needing a fresh start.
- **Request options upgrade**. This option is not yet available. As discussed in YES*term* II Overview|Licensing, the default license allows five button panels. If you want to upgrade to a fifty-panel license, click on this option (in a future release)

Help



- **About…**. This command displays detailed information on the YES*term* II program.



About Information Box

Tool Bar

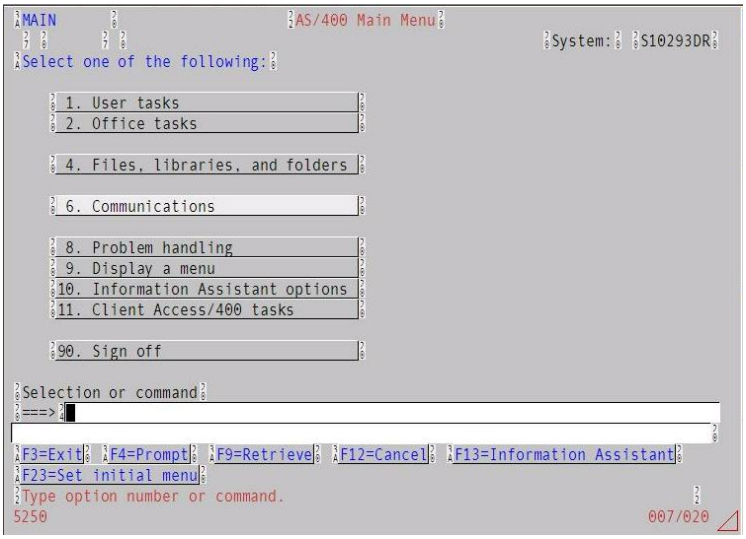
The Tool Bar is displayed across the top of the session window beneath or to the right of the Menu bar. This bar provides another way to quickly access commands you use on a regular basis.

Tool Bar

As you pass the mouse cursor over a tool button, the function of this button is displayed in the Status Bar at the bottom of the screen. The command/button functions are:

About. This button displays the same information as the **About…** option from the Help menu.

Show Attributes. This toggle command hides or displays the 5250 attribute fields, as shown here.



5250 Advanced Screen Showing Attributes

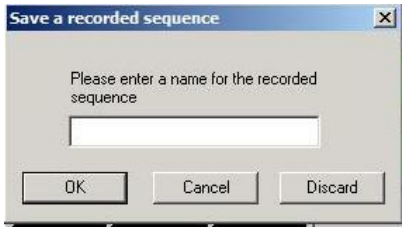
Advanced View. This toggle command activates/deactivates the Advanced look, with Hot Spots displayed as raised buttons if they have been enabled. See the above screen for an example of the Advanced look. If you deactivate it, you will get the familiar “green screen” look.

Start Recording. This command starts the Keystrokes Recording process. See How To …|Record a Keystrokes Sequence (Macro) for a description of the process.

Pause Recording. This toggle command has two effects:

- When recording a key sequence, no keystrokes will be recorded while **Pause Recording** is activated.
- When playing back a key sequence, the Playback operation will pause at this point in the sequence, and the **Pause Recording** button will highlight. This pause is typically used to enter variable data during Playback. After entering the variable data, click on this button to resume Playback.

Stop Recording. This command stops the Keystrokes Recording process. When you stop recording, the Save… dialog box will be displayed, allowing you to save the recorded keystrokes into a named file for subsequent playback. If you do not want to save the sequence, click on **Discard**.



Recorded Sequence Dialog Box

Playback. This command displays a list of available macros. Click on the one to be played, and that macro will then be executed.

Button Panels. This command displays a list of available button panels. Click on a panel name to display and use that panel. You can also launch the New panel dialog (see YES*term* II Configuration|Modifying the Configuration\Button Panel Properties) from here.

Caged Mouse. This toggle command activates/deactivates the Caged Mouse mode. See Caged Mouse for an explanation of this mode.

Reset. This is the familiar 5250 Reset command.

Field Exit. This is the familiar 5250 Field Exit command.

How To …

Record a Keystrokes Sequence (Macro)

If you regularly do the same things when you work with a host system, it is convenient to record the keystrokes you make and have YES*term* II play them back when you want to do the same job again. Record/Playback allows you to do this. All your keystrokes can be saved in a file; when you play the file back (Playback), everything that happened will be reproduced. The macro that you create is available in all emulation sessions.

Note: You can create a macro from the User mode.
Note: Macros are limited to 512 keystrokes.

To create a keystroke sequence, you have to:
1. Open a session.
2. Place the cursor in the field where you wish to start the sequence.
3. Click on the **Start Recording** button in the Tool Bar.
4. Type the data and cursor movements that you want to record.
5. If you want to enter some variable data, click on the **Pause Recording** button in the Tool Bar, enter your data, and then toggle the **Pause Recording** button again.
6. Stop the recording by clicking on the **Stop Recording** button in the Tool Bar.
7. You will see the Save a… dialog box. Name the recorded keystroke sequence and click on **OK**, or click on **Discard** if you don't want to save the sequence.

NOTE: Choose your sequence name carefully, because there is no way to edit it after you click on **OK**.
NOTE: Be sure to do a save to the Registry (seeYES*term* II Configuration|Saving/Exporting/Importing Your Configuration|Saving to Registry) after recording, or you will lose your macro on a re-boot.

Example:
Assume you want to record the CL command to display the description of a specific device. The command is WRKDEVD PRTXXXX, where PRTXXXX identifies a specific printer. So, the procedure is:
1. Place the cursor.
2. Click on the S**tart Recording** button.
3. Type WRKDEVD
4. Click on the **Pause Recording** button.
5. Type PRTXXXX (the name of the device).
6. Click on the **Pause Recording** button.
7. Press **Enter**.
8. Click on the **Stop Recording** button. When you stop, you will be prompted to save the recorded keystrokes to a file.

Play a Recorded Keystrokes Sequence (Macro)

To play a recorded keystrokes sequence, you have to:
1. Place the cursor on the screen where you want to play the sequence.
2. Click on the **Playback** button in the Tool Bar. You will see a list of available macros.
3. Select the sequence from the list of stored sequence. The sequence will be executed.

Delete a Recorded Keystrokes Sequence (Macro)

To delete a macro:

1. Enter Administrative mode.
2. Right-click on the **Playback** button. You will see the macro list.
3. Click on the macro that you want to delete. You will see a confirmation dialog box.
4. Confirm by clicking on **Yes**.

Support

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  - 480-946-9250
- via E-mail
  - support@affirmative.net