UTS eXpress Net Administration

15 May 2008

Table of Contents

UTS eXpress Net Administration

UTS eXpress Net Administrator

The **UTS eXpress Net Administrator** program is used to manage the network installation of UTS eXpress Plus. The program gives the Administrator the ability to control the placement of configuration files and the level of user accessibility to functions and configurations.

The Administrator maintains central configuration files on the server for all TCP/IP connections and one or more user configuration sets used to validate users.

Three directories are created during installation of UTS eXpress Net. Two of the directories should reside on the server and contain the user programs and central configuration files. The third directory containing the administrator program may be located on the server or the Administrator's local hard drive (recommended). Any individual executing the administrator program must have read-write access to these directories.

There are three basic steps to set up UTS eXpress Net initially:

1. Run this **UTS eXpress Net Administrator** program and register yourself as a user.
2. Copy the configuration directory and its contents to the web server.
3. Establish the launch.asp on the web server.

For a more detailed explanation of these steps, see Initial Admin Configuration and the eXpress Net Quick Start Guide.

File menu

> **New User Set**
>
> Make this selection to create a new user configuration set.
>
> **Open User Set...**
>
> Make this selection to open an existing user configuration set.
>
> Note: A sample User Set is available as a result of the install. Open Users.uset in the Config directory.
>
> **Save User Set**
>
> Make this selection to save changes to the current user configuration set.
>
> **Save User Set As**
>
> Make this selection to save a copy of the current user configuration set to a different file.
>
> **Network User Setup Settings...**
>
> Use this selection to create the user setup directory and specify the location of essential, user run-time files.
>
> **Change Configuration Folder...**
>
> Use this selection to change the central configuration folder.
>
> **Print**
>
> Use this selection to print all user configuration information to the default printer.
>
> **Printer Setup...**
>
> Making this selection brings up the standard **Print Setup** dialog where printers and printer options may be changed.
>
> **Application Scheme Preferences**
>
> Use this selection to change the appearance of the eXpress application. This selection affects both the emulator and administration programs.
>
> **Exit**
>
> Use this selection to exit the **UTS eXpress Net Administrator** program.

Help menu

> **Contents**
>
> Use this selection to receive a list of on-line help topics.
>
> **This Window**
>
> Use this selection to bring up help for this dialog.

About

Use this selection to view copyright and version information about UTS eXpress Net.

Users

This box contains the list of all users and the screens/open ids. configured for each user.

To edit an existing user, select the user with the mouse and click the **Edit User** button.

Find User

Use this button to locate a user by name. Either a full or a partial name may be entered.

Add User

Click this button to add a new user to the configuration. A dialog will appear prompting for the name of the new user.

Edit User

After selecting a name from the **Users** list box, click this button to initiate the Edit Network User Configuration dialog and the UTS eXpress Net TCP/IP Network Configuration dialog.

Duplicate

Click this button to duplicate a selected user's configuration. A dialog will appear prompting for the name of the new user.

Delete User

After selecting a name from the **Users** list box, click this button to delete the user configuration.

File List

Click this button to view all file references for the currently selected user.

Current Folder

This information box contains the location of the user configuration directory. To change this directory, select **Change Configuration Folder** from the **File** menu.

Current User Set

This information box contains the name of the currently opened user configuration set.

Initial Admin Configuration

With the Administrator program, use the following steps to implement UTS eXpress Net:

1. Click the **Host** Connections button and with the **UTS eXpress Net Connection Configuration** dialog, configure and link the TCP/IP connections (at least one Virtual Destination). Click the **Save** button to save the connections.

2. Add at least one user to the configuration (others may be configured later), with the **Add User** button on the **UTS eXpress Net Administrator** dialog. This first user should be the user responsible for administering UTS eXpress Net.
    Note: A sample user configuration set is provided. Select **File**, **Open User Set** and open **Users.uset**.

3. With the user selected, click the **Edit User** button (or double click user name in the list box).
    Note: The default user type is **Power User**. For this initial setup, change this to **Limited User** so that you can configure a connection with the **UTS eXpress Net Administrator** program. Power users configure their own connections with the **UTS eXpress Net** emulator program.

4. Initially configure at least one screen by pressing the **Add** button on the **Screens** tab of the **Edit Network User Configuration** dialog.

5. On the **Edit User Screen Assignment and Settings** dialog, configure the screen by selecting a Virtual Destination and setting other values as appropriate. Note: The Virtual Destinations made available are from those configured on the **UTS eXpress Net Connection Configuration** dialog (Step 1, above). Click the **OK** button.

6. This initial user should be allowed to perform all administrative tasks. The remaining tabs on the **Edit Network User Configuration** dialog provide additional configuration capabilities that may be secured from user access. For the initial Administrator setup, select the **General** tab and check as many boxes as appropriate to give the Administrator full configuration capability.

7. Click the **Save All** button to save all configuration changes to the user configuration set.

The default location of the configuration files is:

<mark><drive></mark>:\Documents and Settings\All Users\Shared Documents\UTS_EXPRESSNET_4.0_CONFIGURATION

On a Vista system, the default location is:

> <mark><drive></mark>:\Users\Public\Shared Documents\UTS_EXPRESSNET_4.0_CONFIGURATION

Before attempting to launch the emulator, manually copy the contents of this directory to the ConFigDir directory on the on the web server. The default location is:

> <mark><drive></mark>:\inetpub\wwwroot\UTSeXpressNet\ConFigDir)

See the accompanying eXpress Net **Quick Start-up Procedure** found on the KMSYS Worldwide web site:

> http://www.kmsys.com/Products/UTSeXpressNet/Documentation.asp

Administrator Sign On

The **Administrator Sign On** dialog is used to enter the password required to perform UTS eXpress Net administration functions. This dialog appears anytime the **UTS eXpress Net Administrator** program is executed, or whenever the configuration directory is changed.

Enter Current Password

In this text box, enter the Administrator's password to access the central configuration files.

The default password is "ADMIN". For security, the default password should be changed immediately upon first execution of the **UTS eXpress Net Administrator** program.

To Change Password, Enter New Password Here

In this text box, enter the new password. The password may be any combination of ASCII characters with a maximum length of eight.

Re-enter New Password Here to Confirm

In this text box, enter the new password a second time to confirm its use.

OK

Click this button to complete the sign-on.

Cancel

Click this button to cancel the sign-on.

UTS eXpress Net Connection Configuration

This window is used to visually configure and link open ids and virtual destinations. The window contains a work area where open ids and virtual destinations (hosts) may be easily linked together with the use of mouse actions.

The work area is divided into two columns: one to configure open ids and a second to configure virtual destinations. At the top of each column, right click on "Open Ids" or "Virtual Destinations" to reveal a menu of actions for that specific column.

The following is a description of each mouse, button and menu action:

Mouse Actions

Select an Existing Open Id. or Virtual Destination

Use the left mouse button to select an existing Open Id or Virtual Destination. After releasing the left mouse button, the selected Open Id or Virtual Destination should be highlighted.

Note: The functions of left and right mouse button may be swapped by selecting the **Mouse** icon from the Windows Control Panel.

Edit an Existing Open Id. or Virtual Destination

Double-click the left mouse button on an existing Open Id. or Virtual Destination to open the appropriate configuration dialog and edit the required parameters.

A click of the right mouse button over any existing open id or virtual destination will select the item and reveal a pop-up menu of actions to maintain (Edit, Duplicate, etc.) the item.

Linking an Open Id or Virtual Destination

To link an existing open id to a virtual destination, place the mouse cursor over the dark gray circle on the right of the open id button face, holding down the left mouse button, drag the mouse cursor over a virtual destination, and release the mouse button. A line will appear between the open id and the virtual destination showing that they are linked.

Starting a New Open Id. or Virtual Destination

Left click one of the words, "Open Ids" or "Virtual Destinations," and select **Add** to open a new dialog for the respective open id or virtual destination.

Menus

File menu

Save Now

Use this selection to save the visual configuration immediately.

Close

Use this selection to close the visual configuration dialog.

Edit menu

Open Id. Actions

Pressing this selection will reveal a pop-up menu of actions to maintain (Edit, Duplicate, etc.) open ids.

Virtual Destination Actions

Pressing this selection will reveal a pop-up menu of actions to maintain (Edit, Duplicate, etc.) virtual destinations.

Edit Message Strings

This selection brings up the **Edit QPort-TCP/IP Message Strings** window.

Sort All Lists

This selection will sort the routes, open ids and virtual destinations in alphabetical order on the visual configuration window.

Buttons

Save

This selection saves changes made to the configuration and exits the eXpress Connect Virtual Configuration routine.

Edit

Pressing this button pops up a menu with the following selections:

Open Id. Actions

Pressing this selection will reveal a pop-up menu of actions to maintain (Edit, Duplicate, etc.) open ids.

Virtual Destination Actions

Pressing this selection will reveal a pop-up menu of actions to maintain (Edit, Duplicate, etc.) virtual destinations.

Edit Message Strings

This selection brings up the **Edit QPort-TCP/IP Message Strings** window.

Sort All Lists

This selection will sort the routes, open ids and virtual destinations in alphabetical order on the visual configuration window.

Open Id. Actions

Pressing this selection will reveal a pop-up menu of actions to maintain (Edit, Duplicate, etc.) open ids.

Virtual Destination Actions

Pressing this selection will reveal a pop-up menu of actions to maintain (Edit, Duplicate, etc.) virtual destinations.

Edit Message Strings

This selection brings up the **Edit QPort-TCP/IP Message Strings** window.

Sort All Lists

This selection will sort the routes, open ids and virtual destinations in alphabetical order on the visual configuration window.

Help

Pressing this button pops up a menu with the following selections:

Contents

This selection displays the help Contents tab for the eXpress Connect configuration program.

About

This selection displays the copyright information about the eXpress Connect Visual Configuration.

Open Ids

Right clicking this selection will reveal a pop-up menu of actions to maintain (Edit, Duplicate, etc.) open ids.

Virtual Destinations

Right clicking this selection will reveal a pop-up menu of actions to maintain (Edit, Duplicate, etc.) virtual destinations.

Edit QPort TCP/IP Message Strings

These settings affect all stations controlled by QPort-TCP/IP. The defaults should be adequate for most users. These settings are provided to allow for some rudimentary language localization.

Open String

QPort-TCP/IP will recognize this string as a session establishment request.

Close String

QPort-TCP/IP will recognize this string as a session termination request.

Session Closed String

QPort-TCP/IP will return this string to the application to indicate that a session termination has occurred.

Session Opened String

QPort-TCP/IP will return this string to the application to indicate that a session open has occurred.

Enter Session String

QPort-TCP/IP will return this string to the application to indicate that a session establishment request is needed.

Invalid Destination String

QPort-TCP/IP will return this string to the application to indicate that a session establishment request was made with an invalid open id.

Output Interrupt String

QPort-TCP/IP will return this string to the application to indicate that a "message wait" or "output interrupt" request has been honored.

Open in Progress String

QPort-TCP/IP will return this string to the application to indicate that a wait condition exists while an attempt is being made to establish a session.

Defaults

Click this button to restore all string values to their original defaults.

OK

Click this button to accept changes made and close the window.

Cancel

Click this button to discard any changes made and close the window.

Edit Open Id

This screen is used to define a potential Open Id. used to connect to a host through a Virtual Destination.

Open Id.

This required name is used to define a connection, IP Address (see Add/Edit Virtual Destination) and Session Type (TIP, DEMAND, NMS, etc.), to a host. This name is a user-defined name and, as such, may be anything meaningful to the user.

The Open Id. name specified here has _no_ required relationship to the "$$OPEN *open-id* " required for non-TCP/IP communications; however, using the same name as required on the "$$OPEN *open-id* " for non-TCP/IP communications may be the best option when converting users to TCP/IP. Using the same name will allow users to continue using familiar $$OPEN statements.

The **Open Id.** name will be used by selected screens (see Edit User Screen Assignment) for default session establishment.

Also see, Open Id. Usage.

Selected CMS Process or Telcon XEU

This field is used to indicate the remote TSAP of a connection.

QPort-TCP/IP uses the CMS Process or Telcon XEU Name, along with the IP Address (see, Add/Edit Virtual Destination), to link to a DEMAND or TIP session (or any other valid termination system).

If the **Open Id.** connects to a **Virtual Destination** with a Connect Type of "TP0 to HLC, or through DCP as IP Router", the Selected CMS Process or Telcon XEU is the PROCESS name in the CMS1100 configuration. Typical values are:

Value:	CMS Process:
TIPCSU	for TIP
RSDCSU	for DEMAND
CSACSU	for CMS1100 network administration

If the **Open Id.** connects to a **Virtual Destination** with a Connect Type of "TP0 to a DCP as a DCA TS", this is the name of an XEU statement in the Telcon configuration. The XEU statements can indicate a connection to destinations on various hosts and DCPs. The DCP destinations can include DCP/OS, TOMF and System 80, as well as more common ones like TIP and DEMAND.

App. Name

This is the name of the application to be accessed when the session is to TIPCSU or CSACSU. This name is the name of an APPLICATION statement in the CMS1100 configuration (this field is only valid for PROCESS TIPCSU and CSACSU — it is ignored for other PROCESSes and XEUs).

Selected Virtual Destination

Select from the drop-down list box to link this open id to a configured virtual destination. Selecting "<None>" unlinks the open id. from the virtual destination.

Process/XEU Actions

This group of command buttons may be used to configure a new CMS Process or Telcon XEU name (**Add** button). Two other buttons, **Rename** and **Delete**, may be used to change or drop the name from the "Available" list.

Available CMS Processes or Telcon XEUs

Use the mouse to select from this list and change the Selected CMS Process or Telcon XEU parameter.

Process/XEU Actions

This group of command buttons may be used to configure a new CMS Process or Telcon XEU name (**Add** button). Two other buttons, **Rename** and **Delete**, may be used to change or drop the name from the "Available" list.

Session Type

The controls in this group are only required if your site is using the Unisys Single Point Sign-on feature.

> **TIP**
>
> Select this option if the Open Id will be used to access TIP sessions with the Single Point Sign-on feature.

>> **Application Group Use TIP Session Control**
>>
>> Check this box if your site has TIP Session Control and you are utilizing the Single Sign-On feature.

Demand

Select this option if the Open Id will be used to access DEMAND sessions utilizing the Single Point Sign-on feature.

Other

Select this option if the Open Id will be used to access other session types utilizing the Single Point Sign-on feature. Currently, the only other type supported is for a console.

Allow TEXTL

Leave this check box checked unless access is to a SYSTEM 80.

Special SITA Gabriel Handling

Check this box only if you are connecting to a SITA Gabriel host.

OK

Click this button to accept any changes made on this dialog.

Cancel

Click this button to discard any changes made on this dialog.

Help

Clicking this button displays this help topic.

Open Id Usage

The **Open Id** is used to choose the remote host and the type of session (TIP, DEMAND, NMS, etc.) to which a screen will be opened. The **Open Id** serves two purposes in this configuration:

1. The **Open Id** acts as a keyword to all screens linked to it. By this mechanism, UTS eXpress Net knows what destination (host and session type) to open.

2. The **Open Id** also acts as a default destination. If the "Auto Open" feature is configured for the screen, the session will be automatically opened when the screen is selected by UTS eXpress Net. A transmit done on an *unopened* session ("Auto Open" *not* configured) will have the same effect as having typed "$$OPEN *open-id*", where *open-id* is the name in the configuration to which the **Route** is linked.

Edit Virtual Destination

This screen is used to define a potential host and its connection type. Supported types are TP0 through an HLC, and TP0 through a DCP acting as an IP Router.

Virtual Destination Id

This is the name of the **Virtual Destination** being configured. It will be used to link to an Open Id on the UTS eXpress Net TCP/IP Network Configuration window.

IP Address

This is an IP address (in "dotted" notation) of a host. The host can be either a mainframe (e.g., 1100, 2200 or System 80) or a DCP.

If the host is connected via an HLC or a DCP acting as an IP Router, then the address entered should be the address of the host as configured in the host communications software (e.g., CMS1100).

If the host is NOT connected via an HLC or the DCP is NOT acting as an IP Router, then the DCP must be the DCA TS . In this case, the address entered should be the address of the DCP.

When using a Host Gate Server or QPlex Server from KMSYS Worldwide, this is the IP Address of the server – not the host.

IP Port Id

This is the IP port for your site (normally, 102).

Connection Type

These option radio buttons are used to indicate the type of connection to be used. If the connection is to an HLC or through a DCP acting as an IP Router, the "TP0 to HLC, or through DCP as IP Router" option should be checked. Otherwise the "TP0 to a DCP as a DCA TS" option should be checked. This setting must match the type of connection associated with the IP Address above.

Note: If you check the **Use Single Point Sign-On** box and are using Kerberos authentication, you must supply the 2200 computer account as the **Target Computer Account**. If not provided or if the

account is not valid, NTLM will be used. This target account matches the computer account name created by the AuthCnfgUtil utility on the 2200. Examples: *domain\account* or *account@domain*.

For users of KMSYS Host Gateway Server (HGS), two check boxes are available to enable authentication and/or encryption. For these options to function, comparable options must be set in the HGS configuration program at the Interface level.

Use as default destination

When the "TP0 to a DCP as a DCA TS" option button is set, the "Use as default destination" check box will be enabled. If this box is checked, this Virtual Destination will become the default destination when the user issues $$OPENs to open ids. that are not configured in QPort-TCP/IP. Checking this box is useful when the user has access to large communication networks where it would be impractical to configure all open ids.

Note: More than one Virtual Destination may have the "Use as default destination" box checked; however, the most recent Virtual Destination configured, with this box checked, will be the Virtual Destination used when the user issues the $$OPEN.

OK

Click this button to accept any changes made on this dialog.

Cancel

Click this button to discard any changes made on this dialog.

Help

Clicking this button displays this help topic.

New Open Id/Virtual Destination Name

This window is used to assign a new Open Id. or Virtual Destination when duplicating Open Id. or Virtual destination, respectively.

Enter Unique Name

In this text box, enter any meaningful name; however, the name must be unique. For example, if you are duplicating a virtual destination and a destination called "HOST1" already exists, you must choose a different name.

OK

Click this button to accept changes made and close the window.

Cancel

Click this button to discard any changes made and close the window.

Edit Network User Configuration

The **Edit Network User Configuration** dialog is used to configure the screens that limited and restricted users will be allowed to open for host connections. In addition, controls are provided to specify what configuration privileges are allowed for each user (see **User Type**, below).

User Information

The controls in this group identify the user or user profile and the type of user.

User Name

This text box contains the name of the user being configured. This name must be unique for all users in the configuration set file (.XPU).

Password (Web)

The password is optional and is used when the Prompt for User Name option is used in the UTS eXpress Net Web ActiveX component. If the password is left blank, it is not checked.

Entry Type

The option buttons in this group control whether the user being configured is an actual user or a profile to be used when configuring other users.

User

Set this option button if you are configuring the user directly without the use of a profile. When this option is chosen, the controls in the **User Profile** group (see below) will not be visible or accessible.

User Profile

Set this option if **User Name** is a profile to be used when configuring subsequent users.

User Description

In this text box, enter any information that may be useful to help you identify the user.

User Type

With this level of eXpress, users may be restricted to one of three levels: the Power User, the Limited User and the Restricted User.

A Power User may configure all options including connections to the host, thus a Power User has no configuration restrictions. The Power User of the network version (eXpress Net) will execute from a network server (file or web) as a registered user, but all configuring will be performed by the Power User … not the network administrator.

A Limited User is only limited to configuring non-communications options. The Limited User of eXpress Net will also execute from the server and receive all screen connections from the server (configured by the network administrator); however, the Limited User will be unrestricted in every other way.

A Restricted User may be denied any configuration capabilities or limited to only those involving application/screen appearance and keyboards. The eXpress Net Restricted User will execute from and receive all configuration information from the server. Some parts of their configuration may optionally be overridden by the network administrator.

eXpress User Capabilities at a Glance

<div align="center">Allowed Capabilities</div>

User Level	Configure Connections	Terminal and Printer	Script Development	Screen Appearance	Customize Keyboards	Application Scheme
Power User	Yes	Yes	Yes	Yes	Yes	Yes
Limited User	No	Yes	Yes	Yes	Yes	Yes
Restricted User	No	No	No	Optional	Optional	Optional

User Profile Selection

The controls in this group may be used to select or clear a previously defined user profile.

Select

Click this button to initiate the **Select Profile** dialog and assign a profile to a user. Using this button requires that at least one user profile be previously defined. After assigning a profile to a user, the configuration tabs (Screen, Scripts, etc.) at the bottom of the dialog will be replaced with an area for assigning station names for the user. All other configuration changes for the user must be made on the user profile.

Clear

Click this button to remove the profile from the user.

Station Name for This User

In this list box, enter the station names that may be used when signing on the 2200 through a user profile. To use this facility, you must set the station names of the user here and set the station names in the profile to an asterisk (*). Note: This list box is only visible when the user is set to use a user profile (see **Select** under **User Profile Selection**, above).

This list acts as a pool of names from which UTS eXpress Net may select when a user (linked to a profile) opens a screen. The station name is passed to CMS 1100. A station name will show as a terminal name for demand runs. For TIP access, the station name must also appear as an EU-NAME on a PID statement in the CMS1100 configuration.

Station names may be from one to eight characters; however, the EXEC requires that they be unique within the first six characters.

Screens

The **Screens** tab is used to configure and maintain the screen(s) to which the user will have access when establishing a host session(s). Note: You only need to configure screens for a Limited User or

Restricted User (see **User Type**, above). A Power User will configure her/his own screen connections when using the UTS eXpress Net emulator program.

The list box on this tab shows the Screen Name, Station Name, Open Id., Terminal Type and Screen Size of each screen.

Add
Click this button to add a new user screen to the configuration.

Edit
After selecting a screen from the list box, click this button to edit the screen assignment.

Delete
After selecting a screen from the list box, press this button to delete the screen from the user configuration.

Additional Script Files

Use this tab to configure additional script files that should be made available to the user when running the emulator. Normally, scripts assigned to the user through the Edit User Screen Assignment and Settings dialog (sign-on scripts, scripts assigned to a menu, etc.) do not need to be configured here. You can assign additional scripts and support files that you want to make available for the user's use. For example, if you create a script that uses a dialog form, you would list that script (.BAS) and its binary form file (.BFM) and the associated action file (.ACT). To develop Scripts and dialog forms, configure yourself as a Power User and use the emulator.

Note: There are sample scripts installed with UTS eXpress Net in:

C:\Documents and Settings\All Users\Shared Documents\UTS_EXPRESSNET_4.0_CONFIGURATION\Scripts

For Vista systems:

C:\Users\Public\Documents\UTS_EXPRESSNET_4.0_CONFIGURATION\Scripts

Sample dialog support files are in the installation directory:

C:\Program Files\KMSYS Worldwide\UTSeXpressNet\4.2

Additional Script Support Files
This list box contains the list of configured scripts and support files to be made available to the user.

Add File
Click this button to select additional script files and their support files (.BFM, .ACT, etc.).

Delete File
Click this button to remove the selected file from the Additional Script Support Files list.

Character Translation

The **Character Translation** tab is used to specify the type of screen/print character translation that is allowed for this user or profile.

Screen Character Translation
The two mutually exclusive options in this group determine if screen character translation is allowed and if so, the ability to locate the translation file centrally.

Allow Character Translation Setup
Set this option to allow screen character translation locally.

Use Central Screen Character Translation Settings
Set this option to allow screen character translation to be centralized. Note: If this option is set and the **Screen Character Translation File** is NOT set, there is no screen character translation.

Screen Character File
Click the **Browse** button to the right of this information box to select the drive, directory(s) and file that contain the screen character translation entries. Note: You first have to create and move this file with the UTS eXpress emulator (Stand-alone or net.

Print Character Translation
The two mutually exclusive options in this group determine if print character translation is allowed and if so, the ability to centrally locate the translation file.

Allow Print Character Translation Setup

Set this option to allow print character translation locally.

Use Central Character Translation Settings

Set this option to allow print character translation to be centralized. Note: If this option is set and the **Print Character Translation File** is NOT set, there is no screen character translation.

Print Character Translation File

Click the **Browse** button to the right of this information box to select the drive, directory(s) and file that contain the screen character translation entries. Note: You first have to create and move this file with the UTS eXpress emulator (Stand-alone or net).

General

The **General** tab is used to grant or deny the user configuration capabilities.

Run Unattached from Browser (Net Web)

When the web browser implementation of UTS eXpress Net is chosen, check this box to keep UTS eXpress Net active even if the user switches to another page or closes the browser.

Allow Customized Keyboard(s)

Check this box if the user or profile is allowed to create and maintain customized keyboards.

Allow Customized Appearance Scheme(s)

Check this box if the user or profile is allowed to create and maintain customized appearance schemes for screens.

Allow Customized Application Scheme(s)

Check this box if the user or profile is allowed to create and maintain customized appearance schemes for the eXpress Net application. Note: This option does not affect the appearance of the screen portion of a session window.

Allow File Transfer Directory Setup

Check this box to allow the user to change the default file transfer directory.

No Configuration Access

Check this box to prohibit the user from performing any configuration changes. If this box is checked, the **Configure** button is removed from the control panel.

Don't Show UTS eXpress Plus Control Panel

Check this box to prohibit the display of the control. Note: If this option is chosen, all screens configured for the user must be set to automatically open at start-up (see **Open Screen at Start Up** on the Edit User Screen Assignment and Settings dialog).

Host Connections

Click this button to switch/open to the UTS eXpress Net TCP/IP Visual Configuration dialog.

Apply

Click this button to apply changes made with this dialog.

Close

Click this button to close the dialog.

Application Color Scheme Preferences

The **Application Color Scheme Preferences** window contains controls that affect the appearance of the eXpress application.

Selection on this window does not affect the appearance of the screen portion of an opened session. Unlike color selections set for emulation screens, application colors will be affected by any changes that have been made to the Windows System Colors.

Schemes

From the drop-down list box, select from one of seven pre-configured schemes from KMSYS Worldwide, Inc., or from a scheme created by you. The pre-configured schemes marked as, "(Preset)", may not be altered but may be selected and become the basis of a new scheme created by you (see the **New Scheme** button.

New Scheme

Click this button to create (name) a new application scheme. Note: Whatever scheme is selected from the drop-down list box will be the basis of the new scheme.

Rename Scheme

Click this button to rename a selected scheme. "(Preset)" schemes may not be renamed.

Delete Scheme

Click this button to delete a selected scheme. "(Preset)" schemes may not be deleted.

Button Effects

The controls in this group determine the appearance of buttons on the eXpress application.

Select Button Color Effects

Use the buttons in this group in conjunction with the **Select Color** button to change the colors of buttons and the colors displayed on mouse flyover.

Normal Background

Click this button followed by the **Select Color** button to change the background color of non-selected buttons.

Normal Text

Click this button followed by the **Select Color** button to change the color of text on non-selected buttons.

Normal Border

Click this button followed by the **Select Color** button to change the color of the border surrounding non-selected buttons.

Flyover Background

Click this button followed by the **Select Color** button to change the background color of buttons when the mouse cursor is moved over the button.

Flyover Text

Click this button followed by the **Select Color** button to change the text color that will appear when the mouse cursor is mover over a button.

Flyover Border

Click this button followed by the **Select Color** button to change the border color that will appear when the mouse cursor is mover over a button.

Selected Background

Click this button followed by the **Select Color** button to change background color of a selected button.

Selected Text

Click this button followed by the **Select Color** button to change the text color of a selected button.

Selected Border

Click this button followed by the **Select Color** button to change the border color of a selected button.

Flyover Sel Background

Click this button followed by the **Select Color** button to change the background color of a selected button when the mouse cursor is moved over the button.

Flyover Sel Text

Click this button followed by the **Select Color** button to change the text color of a selected button when the mouse cursor is moved over the button.

Flyover Sel Border

Click this button followed by the **Select Color** button to change the border color of a selected button when the mouse cursor is moved over the button.

Select Color

Use this button to change color after selecting a button effect from the **Select Button Color Effects** button group.

Use Standard Windows Look

Standard look will make buttons and panels look like the standard windows controls. If XP themes are in used, buttons will have themes applied.

Note: When this box is checked, changes made using other color controls on this dialog will not be evident in the eXpress application; i.e., checking this box overrides all other color selections for the application. Screen color selections are unaffected by this option.

Use 3d Button Effect

If this box is checked, all buttons will have a three-dimensional appearance. If the box is not checked, buttons will have a flat appearance.

Form Color Preview

All controls in this group are for preview purposes only.

Panel Title Text

The background and test in this title is affected by selections made with the **Panel Title Color** and **Panel Title Text Color** buttons in the **Window Effects** group at the bottom of this dialog.

Sample Button

The appearance of this button can be altered by any of the controls in the **Button Effects** group to the left of this preview panel.

Sample Selected

When this box is checked, the **Sample Button** will appear as determined by the bottom six buttons in the **Select Button Color Effects**; unchecked, the top six determine the effect.

Panel Text

Panel text and panel background are set using the **Panel Text Color** and **Panel Color** buttons, respectively.

Window Effects

The six buttons in this group let you set the color scheme for the windows, panels and text displayed in the eXpress application. For button colors, see above.

Window Color

This button determines the background color of the eXpress windows.

Window Text Color

This button determines the color of any text appearing on an eXpress window. It does not affect panel or button text.

Panel Color

Use this button to alter the background color of a panel.

Panel Text Color

Use this button to change any text found on a panel.

Panel Title Color

This button may be used to alter the background color of panel titles.

Panel Title Text Color

Use this button to alter the text color of panel titles.

Set to Defaults

This button may be used to reset button and window color defaults according to the way they are defined in Windows.

Apply

Use this button to apply any changes immediately without exiting this window.

OK

Use this button to accept changes and exit the window.

Cancel

Use this button to reject any changes and exit the window.

Application Color Selector

The color selections on this window are divided into three groups: a basic 40-color set, the standard Windows 27 System Colors and a custom color area for gradient color selection. There is also a list box of System Colors by Name for selection.

Note: System Colors changed from the Windows Control Panel will affect the System Colors made available on this window.

Std. Color Dialog

Click this button to use the traditional **Color** dialog for selection.

Apply

Click this button to apply any changes without exiting the selection dialog.

OK

Click this button to accept any changes and exit the window.

Cancel

Click this button to discard any changes and exit the window.

Edit User Screen Assignment and Settings

The **End User Screen Assignment and Settings** dialog is used to assign and configure screens to be used by users when making host connections. Each screen must be linked to a specific **Open Id.** configured on the UTS eXpress Net TCP/IP Visual Configuration dialog.

Terminal Connection Settings

The controls on this tab determine which Station Name and configured Open Id is to be used when connecting to the host. Other parameters in this group are used to set terminal type, screen size and whether to open the screen automatically when UTS eXpress Net is first started.

Screen Local Name

In this text box, enter the name of the screen, as it will appear to the user in the window caption of the screen.

Station Name

In this text box, enter the name of the station that will be passed to CMS1100 for this screen. This name will show as a terminal name for demand runs. For TIP access, this name must also appear as an EU-NAME on a PID statement in the CMS1100 configuration.

Station names may be from one to eight characters; however, the EXEC requires that they be unique within the first six characters.

If multiple users are to use the profile, the station names may be configured for each user (see Station Names for this User) instead of on the profile. In this case, each profile station name should be set to a single asterisk.

Open Id.

From the drop-down list box, select a configured **Open Id.** Note: The **Open Id.** must be configured on the UTS eXpress Net TCP/IP Visual Configuration dialog and the **Apply** button pressed before it will appear in the drop-down list box.

Use QPlex Generated Station Name

Check this box if QPlex is being used as a gateway and will generate the station names.

Terminal Type

From this drop-down list box, pick the desired terminal type. For MAPPER users, the terminal type should match that configured for the station number in MAPPER.

Row

In this text box, enter the number of rows to display for the screen. This value must be in the range of 1 to 255.

Column

In this text box, enter the number of columns to display for the screen. This value must be in the range of 1 to 255.

Auto Open Session

Check this box to indicate that the session should be automatically opened ($$OPEN) when this screen is selected by UTS eXpress Net.

Enable Input Recall

Check this box to maintain a list of recent input for the opened screen. This feature is enabled by default.

Initial Transmit Type

UTS emulation provides three modes of transferring data from the terminal screen to the host processor: **VAR (Variable)**, **ALL**, and **CHAN (Changed)**. The current transmission mode is set in the XMIT() field in the terminal control page. Most host programs expect the terminal to be operated in the VAR transmit mode. If your application requires an initial mode other than VAR, set it here and UTS eXpress Plus will initialize the XMIT() field with that value.

Screen Options

The controls in this group govern general screen appearance.

Force UPPERCASE Only

Checking this box causes the software to translate lower case characters that are typed to their uppercase equivalents.

Blinking Cursor

Checking this box causes the current cursor position to blink. If this box is not ch the cursor remains solid.

Mapper Look

Check this box to set the software for "Mapper Look and Feel" processing. With **Mapper Look** checked, four of the display characteristics of UTS eXpress Plus change:

1) If a line contains an ASCII Tab Code in the first column, that line is considered a "Tab Line". Tab codes are displayed using the graphic vertical bar (|) that produces a visual column separator for your report.

2) The only control characters displayed will be the Start-of-Entry (SOE), the standard Tab Code, and the Mapper Tab Code. Characters such as Form-Feed and Line-Feed are displayed as spaces.

3) A protected field (function key name on the last row of the Mapper screen) can be transmitted by clicking with the mouse. This is compatible with the function key lines produced by Mapper 2200 level 35.

4) UTS eXpress Plus will also support special Mapper box drawing sequences sent from the host.

   Note: When Mapper Look is used, the Mapper station must be configured as a terminal type of "PCE" with an option of "S" (Mapper Look and Feel), or as a terminal type of "6S".

Beep Sound

Checking this box turns audible message wait beep on. If this box is not checked, no audible sound will be heard.

Screen Pages

In this text box, you may specify from one (default) to nine screen pages for each UTS screen. In conjunction with the paging feature, the PAGE DOWN and PAGE UP UTS keys are mapped to the Page Down and Page Up keyboard keys, respectively.

Paging is most useful where only one screen is available. Paging provides the means to maintain multiple output screen pages for reference while running additional transactions.

WARNING: The host is very unaware of the paging feature. Applications, especially DPS, often check the screen input for specific context, meaning the application thinks a certain screen was displayed and expects data to come from that screen. Use of the Page Down and Page Up keys with this feature can leave the screen in a state not expected by the application.

Screen Printer

The option group controls screen printing.

Printer Time-Out

Use this text box to specify how long the emulator will wait for additional print data before automatically closing the printer. The default is 15 seconds.

-1 (or any negative value) = No time-out,
0 = Time-out immediately after printing,
n (any positive number) = Time-out n seconds after printing.

Open Screen on Start Up

Check this box to bring up the screen automatically when UTS eXpress Net is first started.

Start Maximized

Check this box if the screen is to be maximized upon start-up.

Scripts and Actions

The **Scripts and Actions** tab is used to assign scripts and script menu to a screen. Note: Script and Script Menus must first be created with the UTS eXpress Net emulator before assigning them here.

Assigned Sign-On Script

This information text box shows the name of the assigned file containing the script to be executed when this screen opens and connects to the host. Use the **Select** button to the right of this box to assign this file. Use the **Clear** button to remove an assigned sign-on script from this screen.

Select Run-Script Menu

This information text box shows the name of the assigned file containing the script menu assigned to this screen. Use the **Select** button to the right of this box to assign this file. Use the **Clear** button to remove an assigned script menu from this screen.

Screen Double-Click Action

Select an option button from this group to define the action to be taken when you double click the mouse button on the emulator screen. The **None** option places the text cursor where the mouse cursor was double clicked. **Transmit** places the text cursor where the mouse cursor was double-clicked, but also transmits all information from the cursor position back to the previous SOE. The **Run Script** option will cause the assigned script to be executed upon a double click (see below). If no script is assigned, this option acts like the **None** option

Select Double-Click Script

Use the **Select** button to initiate the **Select Double-Click Script for Screen** window and link a previously developed script to a double-click mouse action on this screen. On the **Select Double-Click Script for Screen** window, highlight the desired script with a mouse click or down arrow and press the **Select** button. This script will only be executed if the **Run Script** option button is set in the **Double-Click Action** group (see above).

Screen Right-Click Action

Select an option button from this group to define the action to be taken when you right click the mouse button on the emulator screen. The **None** option disables any right mouse click action. **Menu** (the default) presents a popup menu of common selections. The **Run Script** option will cause the assigned script to be executed upon a right mouse click (see below). If no script is assigned, this option acts like the **None** option.

Select Right-Click Script

Use the **Select** button to initiate the **Select Right Click Script for Screen** window and link a previously developed script to a right-click mouse action on this screen. On the **Select Right Click Script for Screen** window, highlight the desired script with a mouse click or down arrow and press the **Select** button. This script will only be executed if the **Run Script** option button is set in the **Right Click Action** group (see above).

Note: There are sample scripts installed with UTS eXpress Net in:

C:\Documents and Settings\All Users\Shared Documents\UTS_EXPRESSNET_4.0_CONFIGURATION\Scripts

For Vista systems:

C:\Users\Public\Documents\UTS_EXPRESSNET_4.0_CONFIGURATION\Scripts

Appearance and Keyboard

The **Appearance and Keyboard** tab is used to assign initial station appearance scheme, custom keyboard layout and custom tool bar. Note: appearance schemes, keyboard layouts and tool bars must first be developed with the UTS eXpress Net emulator before assigning them here.

Screen Appearance Scheme

This information text box shows the name of the assigned file containing the initial appearance scheme assigned to this screen. Use the **Select** button to the right of this box to assign this file. Use the **Clear** button to remove an assigned scheme from this screen.

Select Custom Keyboard Layout

This information text box shows the name of the assigned file containing the custom keyboard layout assigned to this screen. Use the **Select** button to the right of this box to assign this file. Use the **Clear** button to remove an assigned layout from this screen.

Select Custom Tool Bar

This information text box shows the name of the assigned file containing the custom tool bar assigned to this screen. Use the **Select** button to the right of this box to assign this file. Use the **Clear** button to remove an assigned tool bar from this screen.

Show Tool Bar

Check this box to show the assigned tool bar when the screen is opened.

OK

Click this button to accept the changes and close the dialog.

Cancel

Click this button to discard any changes and close the dialog.

Select Profile

This dialog is used to assign a previously configured profile to a user.

Available Profiles in Configuration Set

From this list box, select the desired profile to be assigned to the user and click the **OK** button.

OK

Click this button to accept the selection and close the dialog.

Cancel

Click this button to discard any selection and close the dialog.

UTS eXpress Net User Setup Settings

The **UTS eXpress Net User Setup Settings** dialog is used to create the user setup directory on the server from which users will run the user setup program. This function also identifies the location of the central configuration files and executables.

Network User Setup Directory

Click the **Select** button to the right of this information box and select the directory that will contain the UTS eXpress Net user setup program. It is not necessary for this directory to exist before making this selection. If it does not exist, an option is provided to create it.

Note: The **Network User Setup Directory** must be selected before the other three selections may be made on this dialog.

EXE File Directory

Click the **Select** button to the right of this information box and select the directory containing the UTS eXpress Net emulator program (UTSeXpressPlus32NE.EXE). Note: This directory is created when the UTS eXpress Net **Server** option is chosen during installation.

User Configuration Set

Click this button to the right of this information box and select the user configuration set (.XPU) that will be referenced when the user runs the UTS eXpress Net user setup program. The user configuration set chosen must contain the name of the user running the user setup program.

Default User

Click the **Select** button to the right of this information box to choose the default user for the user setup program. Assigning a **Default User** is optional. If left blank, NetSet.EXE will default to the Current User Name (from the user's network registry settings).

Select User

The **Select User** dialog is used to select a name out of the user configuration set to serve as the default user when running the user setup program.

Available Users in Configuration Set

From this list box, select one user to serve as the default user and press the **OK** button.

OK

Click this button to accept the changes and close the dialog.

Cancel

Click this button to discard any changes and close the dialog.

Index