

Eden Client Users Guide

Version 4.0 Level L

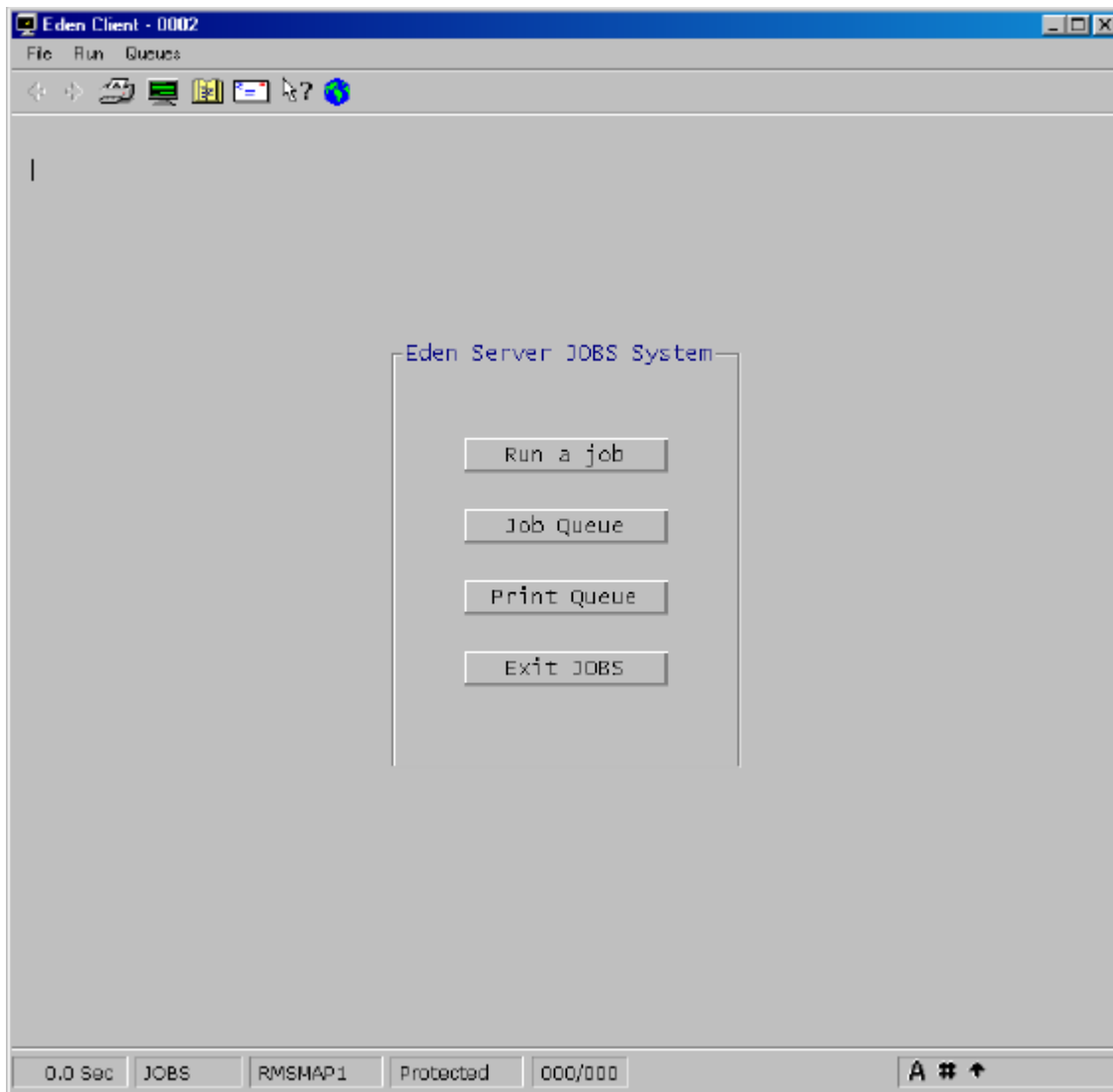
Copyright 2001 – 2006

Rosebud Management Systems

Eden Client Overview

Eden Client is a Windows application that provides the user interface to Eden Server based CICS applications. Two versions of Eden Client are available, Eden Thick Client and Eden Thin Client. Both versions are, from a users perspective, exactly the same. The differences between the two are related to how the underlying CICS applications are run, and on which computer – that is, the Server or the Client machine.

A sample Eden Client window is shown below.



The client window is made up of four main areas. From the top to the bottom of the windows they are:

1. **Application Menu bar**, displayed directly under the window title bar is an optional window feature that is dependent upon the specific application being run. For information on how to include a menu bar with your applications refer to the Eden Programmers Reference.








2. **Client Tool bar**, displayed directly beneath the menu bar includes 8 basic tool buttons and, optionally, up to 10 additional application specific buttons. For information on how to include user tool buttons with your applications refer to the Eden Programmers Reference.
3. **Client Workspace** which occupies the middle area of the window contains the screen area that is used to display CICS application screens. The content of this area is dependent solely upon your applications.
4. **Client Task bar**, displayed at the bottom of the window, shows application status, response time and other indicators.

Base Window Components

Of these four areas of the window, the Tool bar, Workspace and Task bar are always displayed, regardless of what CICS application is running. The default contents of each of these areas is described in the following sections.

Tool Bar

The tool bar contains, by default the following buttons:

-  This button re-displays the previous screen image. Screen images are saved each time the Enter or other PF key is hit. A maximum of 10 images are saved
-  This button is activated while re-displaying previous screen images. Note that all saved screen images are erased when switching from Character to GUI or from one CICS region to another.
-  This button will cause a print image of the current screen to be produced. A printer setup dialog box is displayed allowing printer and other choices to be made. Note that the printed image is dependent upon the Character only or WYSIWYG settings in the user preferences notebook.
-  This button is displayed when the client workspace is displaying in GUI mode. When pushed, this button will toggle the workspace area to a Character only display.
-  This button is displayed when the workspace area is displaying in Character only mode. Pushing this button will toggle the workspace area back to GUI.
-  This button causes the User Preferences notebook to be displayed. See the following section for information on changing user preferences.
-  This button causes the workstations default Email client to create an out-going mail dialog. The email will automatically include a bitmap screen capture of the current screen image. Note that you must already have an email client installed and

configured on your computer for this button to work properly.



This button changes the displayed mouse pointer into a Help Pointer. While the client is Help Mode the mouse may be moved about the screen, placing it over workspace fields and text and clicking to display context sensitive help. While moving the Help Pointer across the window, items that have help associated with them will be highlighted with a red border as a visual queue to the presence of Help information.



This button causes the clients Region Selection window to be displayed. The Region Selection window allows you to attach to other CICS regions. Note that the client window will only attach to one region at a time. Switching to a different region will stop any running transactions.

The following four toolbar buttons are conditionally displayed based upon the login privileges defined for the current logged in user account. See the 'Logging on' section of this document for information on how to login to Eden Client.



This button is displayed if the login privileges indicate that access should be granted to the JOBS Administrator functions. See the JOBS Administrator reference for more information on this function.



This button is displayed if the login privileges indicate that access should be granted to the Eden Print Queue functions. See the JOBS User reference for more information on this function.



This button is displayed if the login privileges indicate that access should be granted to the Eden Job Queue functions. See the JOBS User reference for more information on this function.



This button is displayed if the login privileges indicate that submitting jobs to Eden Server should be allowed. See the JOBS User reference for more information on this function.

Client Workspace

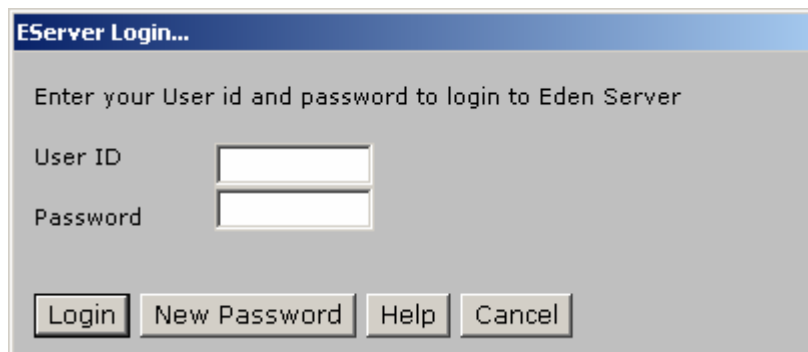
The workspace area of the window is where CICS applications display their output and accept their input. The workspace area while more advanced than a standard CICS display will function exactly as a standard 3270 display. Field Tabbing, Insert Mode, Protected fields and the like are all 3270 compliant.

The enhanced features of the Workspace include automatic screen and font resizing when maps of different sizes are displayed, or when the physical window is resized. Dynamic changes to screen display mode from GUI to Character, as well as changing color schemes and display fonts are also possible.

Logging on to Eden Client

Many features provided by Eden Client, as well as perhaps applications accessed through Eden Client, require certain security privileges before access will be granted. Under the Eden Server and Client systems, security is defined by a system administrator. Associating these pre-defined privileges with a particular Eden Client session requires that a user id and password be entered.

The Eden Client login function may be accessed by using the built in transaction CSSN or CESN. To run either of the logon transactions, escape from any running transactions to a 'clear' screen and type CSSN (or CESN) and hit the Enter key. Both these transaction ID's perform the same processing, which includes the display of the Login Dialog as shown below.



The screenshot shows a dialog box titled "EServer Login...". Inside the dialog, there is a prompt: "Enter your User id and password to login to Eden Server". Below this prompt are two input fields: "User ID" and "Password". At the bottom of the dialog, there are four buttons: "Login", "New Password", "Help", and "Cancel".

The Login dialog allows for the entry of a 3 character sign-on name and a password. Note that if the system administrator has enabled it, Eden Client is capable of automatically performing user logon's. Consult your system administrator for information on Eden's single-sign-on capability. Note, if a password has been forgotten, the Help button provides information on how to automatically have a copy of the password emailed to the User-ID's predefined email address. Note, this feature requires the system administrator to have already configured the 'Lost Password' feature.

Task Bar

The task bar, shown at the bottom of the client window, is divided into two areas. The application information area is displayed on the left hand side of the task bar, as shown below.



The application information area contains five indicator areas which are, from left to right:


1. **Response time** shows the length of time the most recent transaction took. The indicated time includes both CICS processing time as well as screen painting time. Because of this response times will vary between GUI and Character only mode.
2. **CICS Region name** shows the 1 to 6 character name of the Eden Server region the client is currently attached to.
3. **Display screen name** shows the name of the most recent BMS map that was displayed, or if native 3270 displays are in use the word '3270' is displayed. Note that in the case of screen built through displaying of successive CICS outputs, only the name of the last map or 3270 will be displayed.
4. **Field type** shows the type of field the text cursor is currently located in. Possible displays for this are: 'Protected' indicating no typing may occur at this location, 'Numeric' meaning only numeric characters may be typed, 'Enhanced' indicates that the current location is occupied by a GUI item such as a button or drop down list. The keystrokes possible in Enhanced locations depend upon the exact type of GUI that is displayed.
5. **Cursor Location** shows the cursor location in row (top to bottom) and column (left to right) notation. Note that the first position on the screen is row 0, column 0.
6. **Paging Status** shows the status of a paging session if one is in effect, otherwise the area shows the 'Inactive' value.

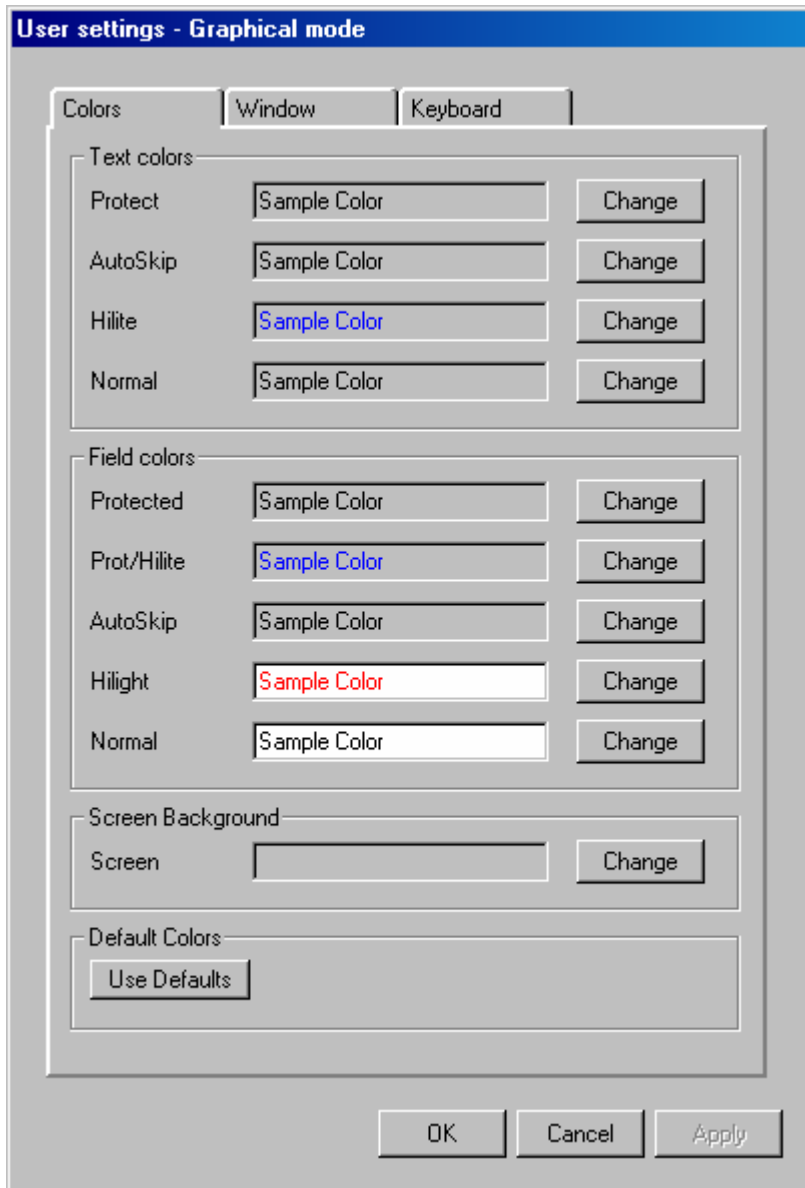
The right hand side of the Task bar is where the keyboard information area, as shown below, is displayed.



The keyboard information area shows the current state of the Caps Lock, Num Lock and Insert mode. When caps lock is off, a lower-case 'a' is displayed, when Num Lock or Insert mode are off, their icons are displayed grayed out.

User Preferences Notebook

The  toolbar button causes the User preferences Notebook to be displayed. The items configured in this notebook are saved in the computer's registry and are particular to the user who is currently logged in to Windows. The user preferences Notebook, shown below has three pages:



The first tab of the notebook allows the colors used to display different field types to be changed. Note that both foreground and background colors may be set for each item.

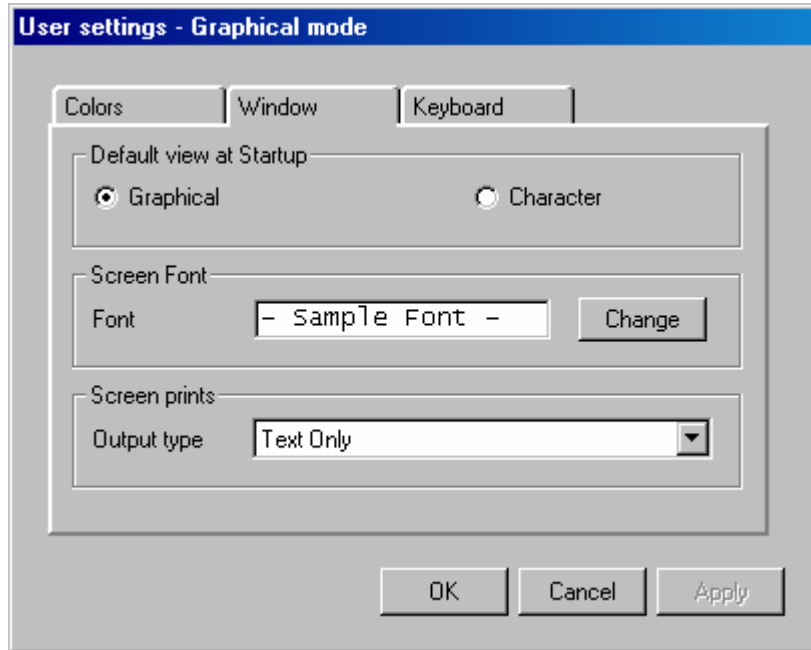
Screen colors may be selected for both Text, i.e., field labels and other 'constant' text and fields, i.e., application program generated output and or input areas.

The screen background may also be set independently of the text and field color settings which may specify a different background color.

Note also that color settings differ between GUI and Character only modes. Both sets of colors are maintained independently of each other, however only those colors pertaining to the current screen display mode are shown. The default colors settings for the current display mode will be


reset when the Use Colors button is pressed, allowing a quick way to restore colors if a particular color scheme becomes undesirable.

The Window tab, shown below, provides additional control over the appearance of the workspace area.

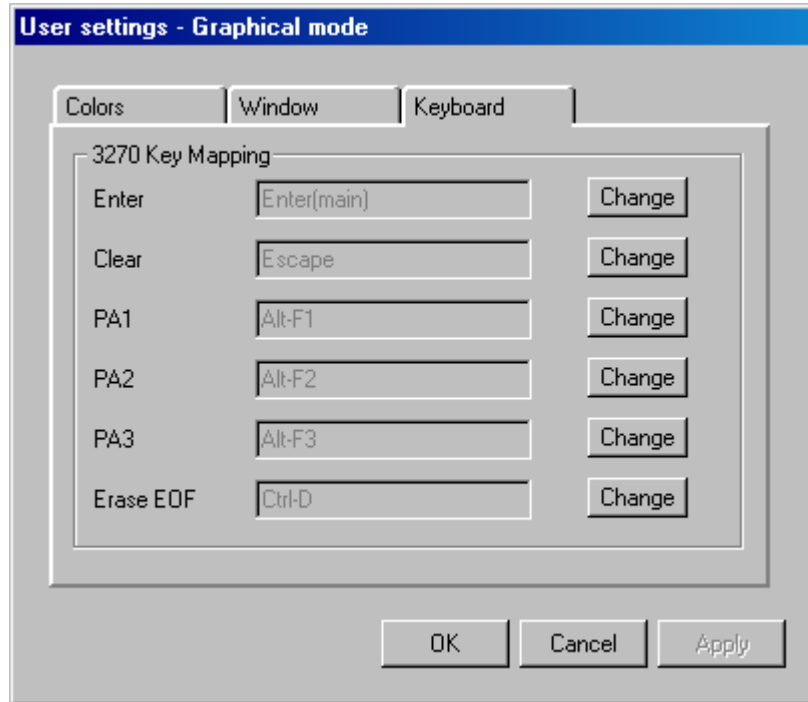


The initial display mode of the client when it is first started can be selected as GUI, i.e., Graphical, or Character only by selecting the appropriate button in the Default view at Startup area.

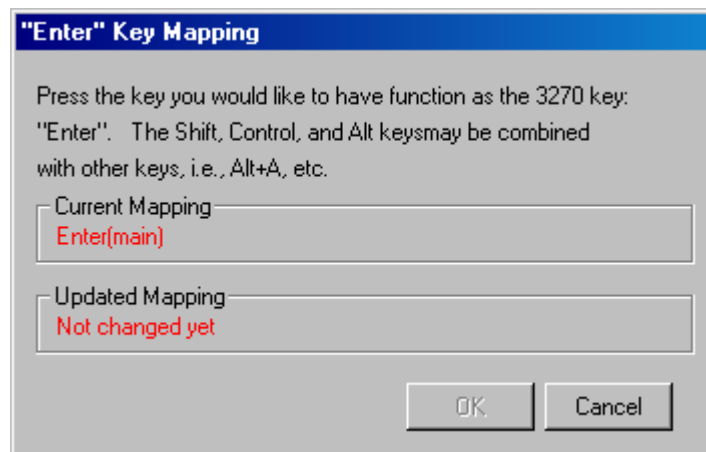
The display font for the workspace may be set, including whether or not the font is Italic and or Bold (underline is not supported) is show in the Screen Font area. Clicking the Change button to the right of the sample font will display the change font dialog box. Note that as CICS displays are based upon row and column positions for all fields and text items, only fixed width fonts may be selected. Certain versions of CICS displays, if they were built using the Eden Screen editor may, though, permit variable width fonts, however in such a case the displayed font may not be changed.

Screen prints produced as a result of using the  tool bar button will print either as text-only images or as color graphical images of the displayed client window.

The Keyboard tab, shown below, allows for PC keys to be mapped to 3270 function keys which are not present, or are in a different location, on the PC keyboard.




The 3270 keys that may be mapped to PC keys are shown on the left side of the page. The PC keystroke that represents the 3270 key is shown in the grayed area in the middle of the page. The Change button next to each item will display the Select key mapping dialog as shown below:

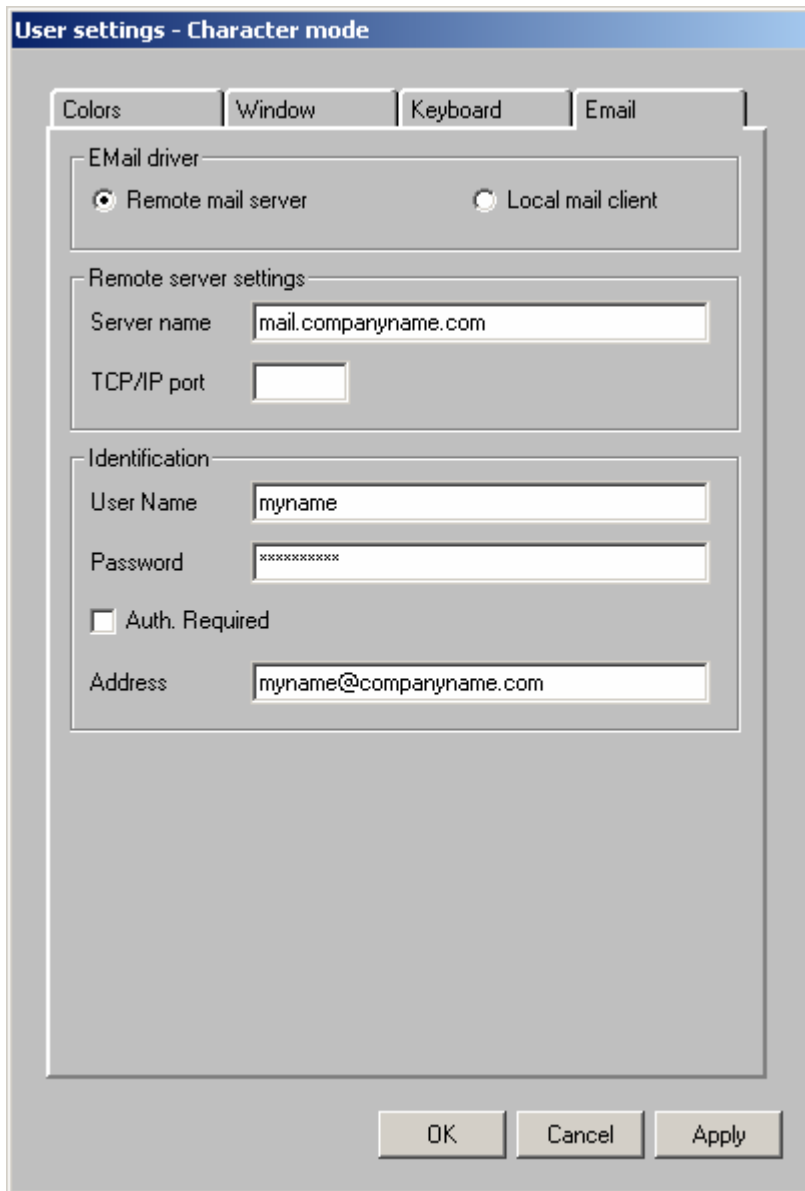


Once displayed, the Key mapping dialog allows various keys and combinations of keys to be pressed and subsequently saved as the new keystroke. The 'Current Mapping' area shows the original keystroke as it is displayed on the Keyboard tab. The Updated Mapping area will display the most recent valid keystroke(s) that will be saved if OK is pressed. If an invalid keystroke is pressed, for example Ctrl+Alt is pressed the Updated Mapping area displays an error message and the OK button is dimmed.

Email Settings

The 'Email Screen Print' function, which is activated by with the  button, may require the entries on the Email tab to be configured.

The default settings that are configured when Eden Client is installed will, in most cases provide adequate support for sending email directly from within Eden Client.



In some cases, however, the default setting of 'Local Mail Client' will result in a Eden being unable to send mail. If when using the 'Email Screen print' button, error messages are returned, the Email tab settings should be checked and changed if necessary.

Note that in order to successfully use the 'Local mail client' setting, an existing installation of a mail client must be present on the workstation. For example, Netscape or Microsoft Outlook, or Outlook Express must be installed.

If a web, or server based mail system, such as Microsoft Exchange Server, is used the local mail client setting will most likely not work, as the workstation likely does not have an installed mail client suitable

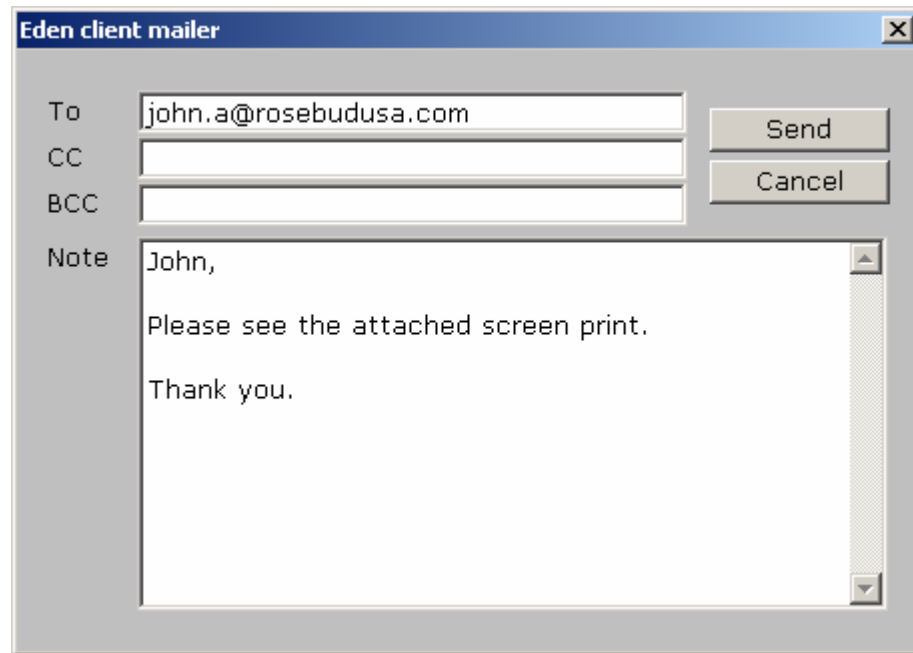
for Eden to interface with. Note that changes made to any settings on the Email tab should be verified with a system administrator prior to saving them.

The available settings and their uses are as follows:

- 1) **Remote mail server**, when selected causes Eden Client to use it's own internal SMTP mail client to send email. When this choice is selected, the Remove server settings controls are enabled, allowing connection information to be entered.

- 2) **Local mail client**, when selected causes Eden Client to use the workstations default email client (i.e., Outlook or Netscape, etc.) to send email. When this choice is selected, the Remote server settings controls are disabled. Note that 'remote' and 'local' mail settings are mutually exclusive.
- 3) The **Server Name** field, which is only enabled when using Remote mail, should contain the name of the mail server to connect to. Contact a system administrator for the proper name.
- 4) The **TCP/IP port** field, which is only enabled when using remote mail, should contain the TCP/IP port number that the remote mail server is listening on. Note, that by leaving this field blank, Eden will use the standard default value for SMTP servers of port 25. Contact a system administrator for the proper port if the default causes problems or email error messages.
- 5) The **User Name** field is an optional field that in most cases is not required. If the installed mail client or remote server requires a log in with a user name and password, the user name should be entered here. Note that 'user name' is not the same as 'email address'. Contact a system administrator to verify if user name, password logins are required.
- 6) The **Password** field is an optional field that again, in most cases is not required. As with User Name, contact a system administrator to verify if this information is required.
- 7) The **Auth. Required** check box is used to instruct Eden to include the User Name and Password fields when sending mail via the local client or remote server connections. If this check box is not selected the contents of the User Name and Password fields are ignored.
- 8) The **Address** field is an optional field that provides Eden with a 'From' email address to include when sending email. Note that when using the Local mail client setting, the email address used may be overwritten by the installed mail client as Eden connects to the local client software by specifying the 'default email user'. Conversely, when using the Remote mail server setting, this email address is likely to be required by the server as there is no other available method for Eden to identify itself to the mail server.

Note that when using the Local Mail client setting, when the button is clicked, Eden client will pause for a moment while the installed mail client software loads and displays it's 'send mail' dialog. When the Remote Mail server setting is active, Eden will display it's own 'send mail' dialog, as shown below.



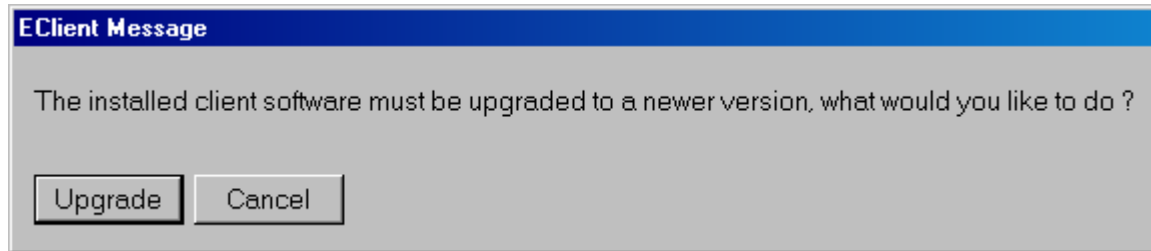
The Eden client mailer, as it is not part of an overall email system, is only a very simple text entry dialog that allows for up to 100 lines of text (entered in the 'Note' field) as well as TO, CC and BCC type recipients.

When entering email recipients, if a given recipient type, i.e., TO, is to contain more than one email address, the entered addresses should be separated by a single comma, for example:

Jim@one.com,Joe@two.com

Client Software Updates

Occasionally and as new versions of Eden Software are available they may be installed on your companies computers. When such a software update to Eden Server requires that part or all of the Eden Client software installed on your computer be updated as well, a dialog box indicating the need to update your software is displayed, as shown below.



To update your installed software hit Enter or click the Upgrade button. The update process consists of two steps – downloading the new software and then installing it.

Both processes are automatic and require no input from you with the exception of pressing 'Next' and 'Finish' buttons when prompted. Once the download has completed which should take one minute or less, the install process will start automatically. To complete the install simply accept the choices displayed on every screen and click the Next button. The client will automatically restart when the install is complete and the Finish button is clicked.