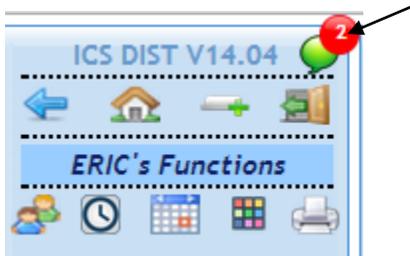


## Profound UI IBM Messaging System (After)

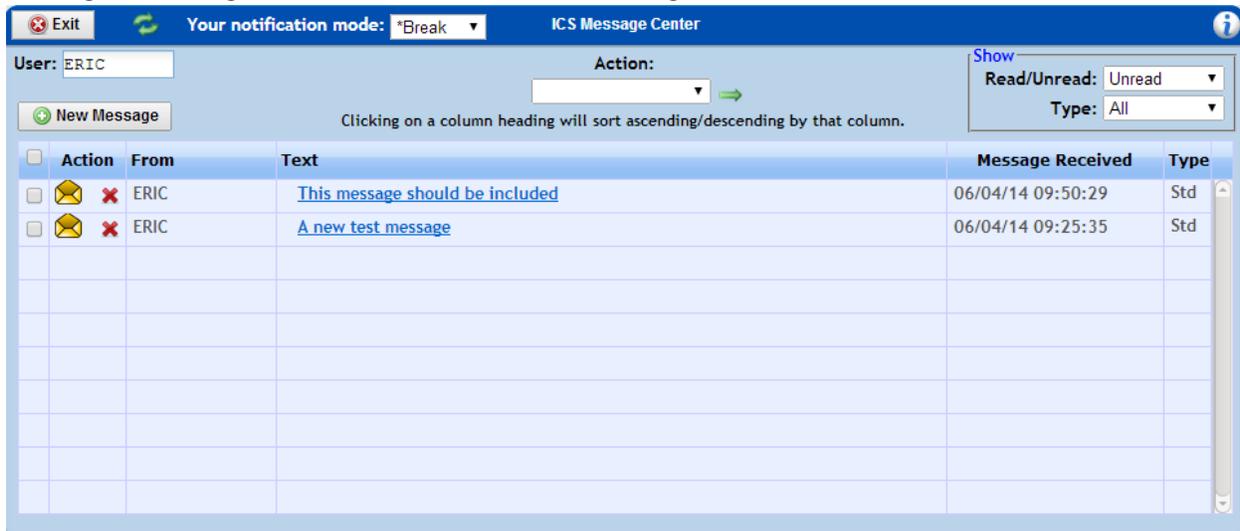
We currently have a “sidebar” menu on each of our menu screens. We added a message bubble the user can click to enter the ICS Message Center:



If the user has unread messages a red circle will be displayed over the message bubble with the number of unread messages displayed. This is handled behind the scenes with JavaScript:



Clicking either image will take the user to the ICS Message Center:

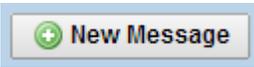
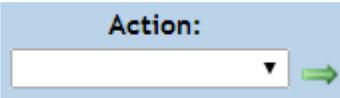
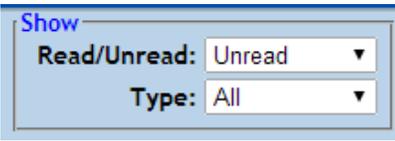
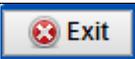


### Message Basics

- Message text is clickable to open the Message Detail window.
- Unread messages will show in **bold**.
- Read messages will show in *italics*.
- New messages not displayed before will have a red asterisk \* next to the message text.
- A message showing “...” at the end of the text indicates there is more message text to be shown.

## Message Center Icons, Buttons, and Dropdowns

The following are the definitions of the icons and buttons on the main screen:

	Refresh	This will refresh the displayed messages.
	New Message	This will take the user to the new message screen for composing a new message.
	Action	This will allow the user to select multiple messages and perform certain actions on them. The actions are Open, Delete, Mark as Read, Mark as Unread, and Undelete
	Show	This will determine what type messages are displayed. The <b>Read/Unread</b> dropdown can be Unread, Read, Read and Unread, and Deleted. The <b>Type</b> can be used to filter completion messages from submitted jobs from standard messages, defaults to All.
	Mark as read	Mark the message as read
	Mark as unread	Mark the message as unread
	Delete	Delete the message placing it in a delete status or permanently delete the message if already in a delete status
	Undelete	Undelete a message in a delete status
	Exit	Exit the application
	High Importance Message	Message sent as break message
	New Message Received	This is a new message not displayed before
	Notification Mode	Sets the current browser session to either break all messages (interrupt the user) or only notify the user on the menu with the message count in the red circle

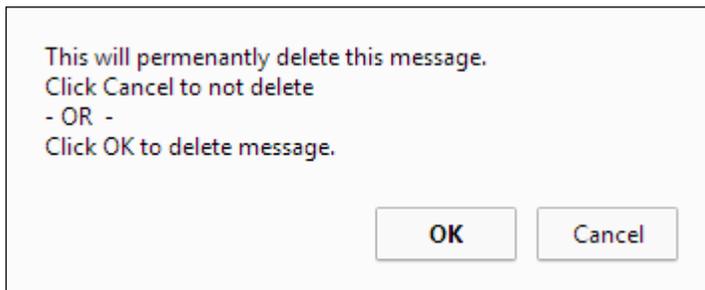
## Message Center Main Window

When first displaying the ICS Message Center only **unread messages** will appear with any new messages indicated by a red asterisk \*.

The recommended handling of messages is to either click a message to read it which will automatically flag the message as read or click the Mark as Read icon  without displaying the message detail screen.

**Note:** Messages will be automatically deleted based on the same system settings that have always cleaned up messages on your system so it is not required that you delete messages. Leaving them as read will allow you to display them again until they are deleted by the system or manually deleted/permanently deleted.

- To open a message click on the message text or select the message (or multiple messages) and select “Open” from the “Actions” dropdown and click the  to perform the action.
- To mark a message read click on the  icon. The user can also select multiple messages and then select “Mark as Read” from the “Actions” dropdown and click the  to perform the action
- To mark a message unread click on the  icon. The user can also select multiple messages and then select “Mark as Unread” from the “Actions” dropdown and click the  to perform the action
- To delete a message click the  icon. If the message is already in a deleted status a dialog box will be displayed to confirm that the user wants to permanently delete the message



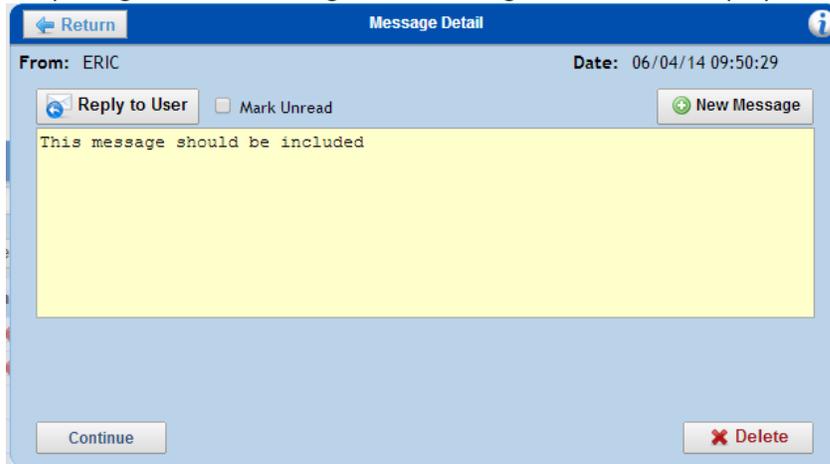
The user can also select multiple messages and then select “Delete” from the “Actions” dropdown and click the  to perform the action

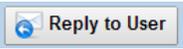
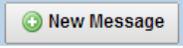
- To undelete a message in a delete status click the  icon. The user can also select multiple messages and then select “Undelete” from the “Actions” dropdown and click the  to perform the action

The Read/Unread dropdown will allow the user to show only unread messages, only read messages, both read and unread messages, or only deleted messages. The Type dropdown will allow the user to show only standard messages, only completion messages, or both

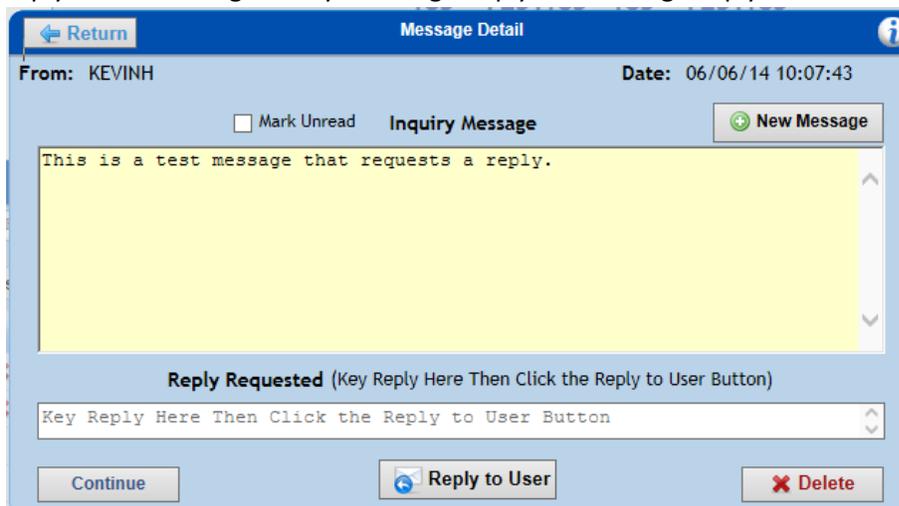
## Displaying a Message

When opening a normal message the following screen will be displayed:



- Clicking  will open the new message screen with the sending user already in the "To:" textbox
- Clicking the "Mark Unread" checkbox will mark the displayed message as unread
- Clicking  will continue to the next selected message or return to the main screen if all selected messages have been processed
- Clicking  will place the displayed message in a deleted status (marked as read by default)
- Clicking  will display the new message screen (see below)

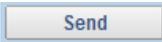
If the message is an inquiry message a "Reply Requested" field will be displayed to allow the user to reply to the sending user by entering a reply and clicking "Reply to User":



## *Sending a Message*

Clicking on the “New Message” icon on any screen will display the following screen:

The screenshot shows a "Send a Message" dialog box. At the top left is a "Return" button with a left arrow. The title bar says "Send a Message" and has an information icon on the right. Below the title bar is a "To:" field with a placeholder "ENTER USER ID(S) HERE..." and a "Clear" button. Underneath is a checkbox labeled "Separate users by commas" and another checkbox "Or click here to send to all active users." Below that is a "Message Text" field with a placeholder "Key Message Here" and a "Clear" button. At the bottom left, it says "512 Message Text Characters Remaining". At the bottom right, there are two checkboxes: "Message needs reply?" and "Interrupt User?". A "Send" button is centered at the bottom.

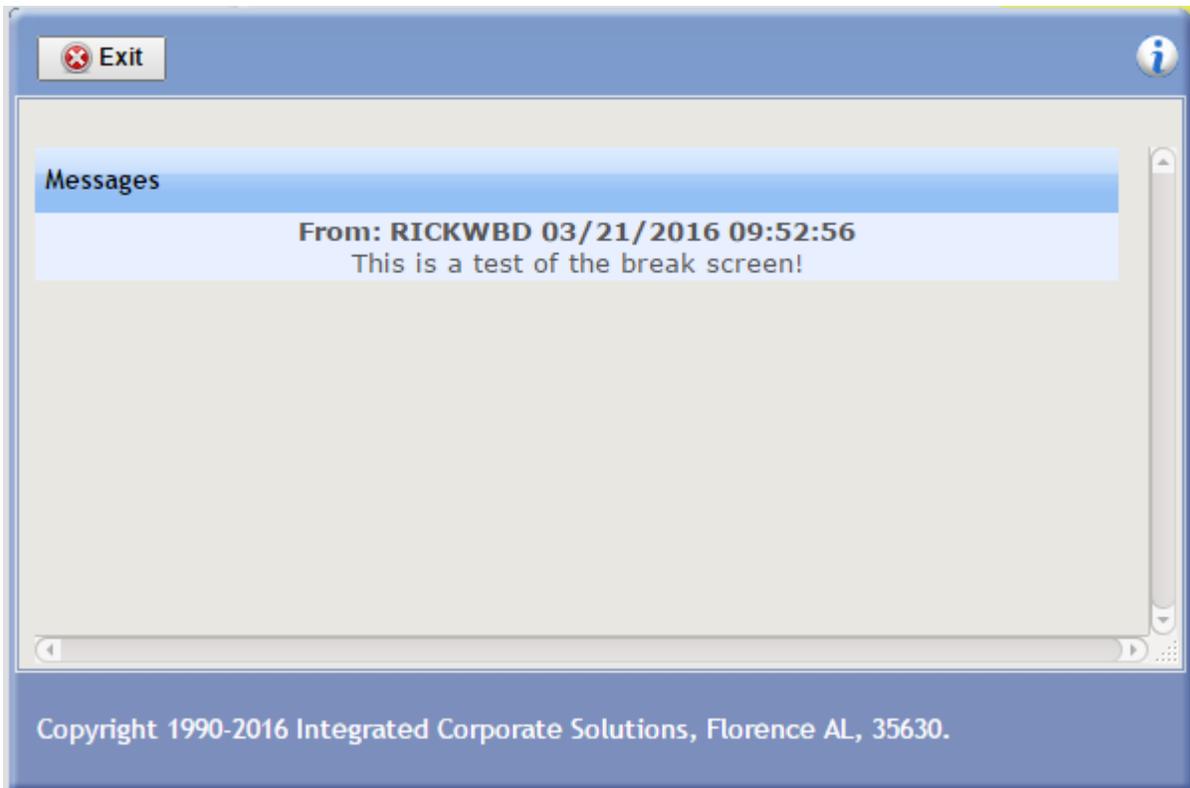
- Enter up to 20 users separated by commas to send the message “To:”
- Click on the  icon to get a selectable list of valid users
- Click on the To:  icon to clear the entire user id entry textbox
- If available (depending on user permissions) clicking the checkbox “Or click here to send to all active users” will send the message to all active users at the time the message is being sent
- The message text may contain up to 512 characters. There is a counter below the message text area that will display the remaining number of characters allowed in the message
- Click on the Message Text  icon to clear the entire Message Text entry textbox
- Clicking the checkbox “Message needs reply?” will send the message as an inquiry message and prompt the recipient to reply
- Clicking the checkbox “Interrupt User?” will send the message as a break message and will break on the recipient’s screen and show the red exclamation point  on the message in the Message Center
- Click  to send the message

Click  to return to the main screen without sending a message

## ***Background Break Message Handling***

We have JavaScript running in the background handling the break message handling. The JavaScript will use AJAX to call a JSON Universal Display File program that will determine if there are any unread messages. If the user's notification setting is set to "\*Break" the user will get a break message on his screen. If not, the red bubble will be incremented showing the user that they have unread messages.

If the user is on a menu and a message needs to be displayed, the message center grid will automatically display with the new message at the top. If the user is not on a menu when the message arrives (on a regular browser screen) then a break message window will appear:



The checking for messages uses a "heartbeat" JavaScript system. See secondary attachment for the flow of this.