

Exhibio® Smart Terminal Software User Manual

Software Version 4.1

June 2011



Exhibio, LLC
325 Hampton Hill Dr.
Williamsville, NY 14221
Phone: 716.799.0410
Fax: 716.210.1053
www.exhibio.com

Exhibio™ Smart Terminal User Manual: Version 4.1

Dear Exhibio Digital Signage Customer,

Congratulations on your new Exhibio Smart Terminal Digital Signage purchase! We appreciate your business. For the best use and operation of the Exhibio Digital Signage Solution, please read through this Software User Manual before making any adjustments, and retain this document for future reference. We hope that you will enjoy working with your Exhibio Digital Signage Solution.

For assistance, please contact Exhibio at the following:

Phone: **Within the USA:** 877.EXHIBIO (394.4246)

International: 1.716.799.0410

Please listen to the prompts for Exhibio Support.

Web: <http://www.exhibio.com/support>

To purchase or inquire about accessories or other Exhibio products, please visit our website at <http://www.exhibio.com> or call the toll-free number above.

We highly recommend you register your system, either through the Exhibio Manager, via the web at <http://www.exhibio.com/registration> or by mailing in your registration card so that you may receive important information updates.

For peace of mind, and to protect your investment beyond the standard warranty, contact Exhibio for extended warranty contracts.

Write down your serial number located on the side of the system, or place the sticker from the shipping box here:

Serial Number _____

Purchase Date_____

Table of Contents

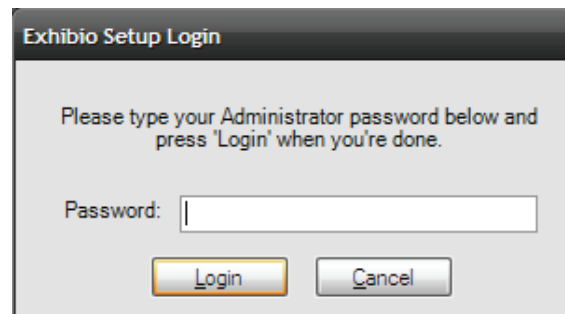
SMART TERMINAL SETUP	1
SYSTEM SETTINGS	7
Date & Time	7
Display	8
Fonts and Adding Fonts	8
Network Connections	9
Scheduled Tasks	10
Sounds and Audio Devices	11
System	11
Windows Firewall	12
Internet Options	12
Backup and Restore	13
Regenerate Native Images	14
Repair Permissions	14
Configure Remote Access	14
Safely Remove Hardware	15
Alert Configuration	17
EXHIBIO MANAGER	20
Accessing the Exhibio Manager	20
System Requirements	20
Hardware	20
Logging In	20
Product Registration	21
Main Page	22
Create & Manage Content	23
Design Mode	23
ADVERTISING CAMPAIGNS	43
View Campaign Reports	43
USERS	44
User Permissions	44
User Management	44
SYSTEM INFORMATION	46
UPDATE EXHIBIO	47
EXHIBIO HELP	47
SHUT DOWN OR RESTART EXHIBIO	47
APPENDIX A. END USER LICENSE AGREEMENT	48

SMART TERMINAL SETUP

The 'Setup' button on the desktop will launch the 'Exhibio Setup Utility' where you may change the display resolution, manage users and passwords, setup sign grouping, check the system information, and change the preferences.

To access the 'Exhibio Setup Utility', first click on the 'Setup' button on the Exhibio Desktop.

Enter your 'administrator' user password, and select 'Login' when finished.

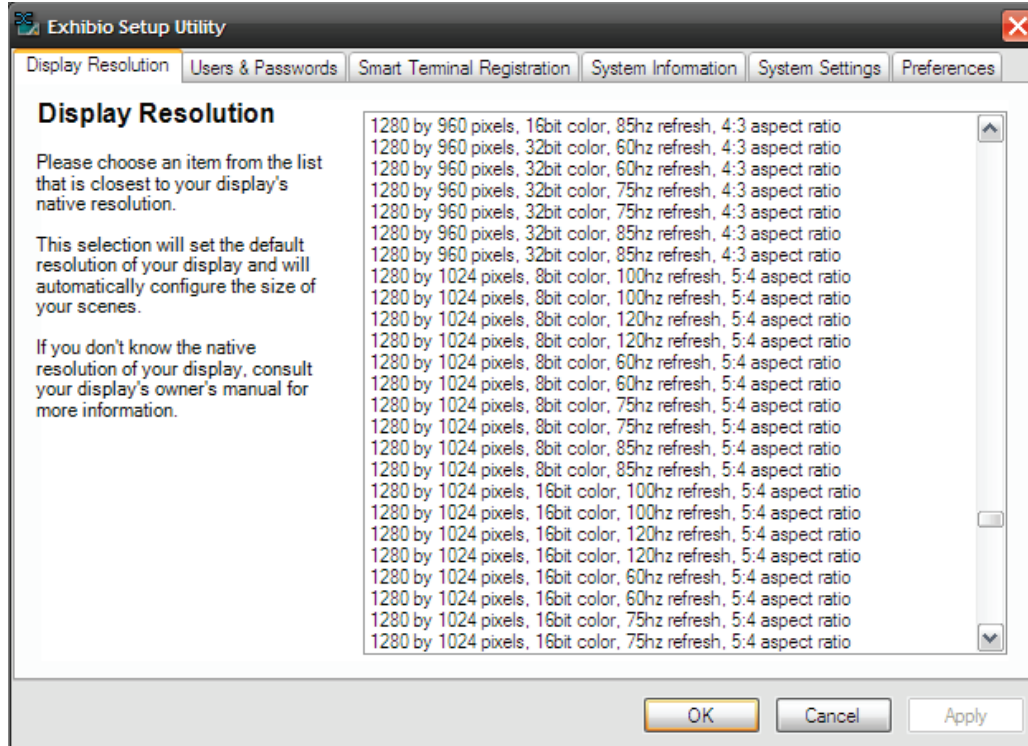


Display Resolution

Select the appropriate resolution for your display.

Consult your display's owner's manual to determine the optimal resolution, color bit depth, refresh rate, and aspect ratio.

You will typically want to choose a resolution with the same aspect ratio as your display to avoid having your content appear stretched out.



EXHIBIO SETUP

Users and Passwords

Change the Administrator and Exhibio user passwords.

The screenshot shows the 'Exhibio Setup Utility' window with the 'Users & Passwords' tab selected. The window has a title bar with a close button (X) and a menu bar with options: Display Resolution, Users & Passwords, Smart Terminal Registration, System Information, System Settings, and Preferences. The main content area is titled 'Users & Passwords' and contains the following text: 'The Exhibio operating system requires that some processes be run under user accounts. Exhibio uses these accounts to perform its basic functions. Your Exhibio needs to have two users in place in order to function properly.' Below this is a warning icon and the text: 'VERY IMPORTANT: These are Windows user accounts. DO NOT change these usernames or passwords with Windows' built in 'User Accounts' tool. If you do, your Exhibio will stop functioning! Only change this information with this setup utility.' To the right, there are two sections: 'Administrator' and 'Exhibio User'. The 'Administrator' section has a text box with the description: 'Administrator is the "all powerful" user on the system. You will need to know the administrator's username and password in order to run the Exhibio Setup and Update Utilities.' Below this are input fields for 'Username:' (containing 'Administrator'), 'Password:', and 'Re-Type Password:'. The 'Exhibio User' section has a text box with the description: 'The Exhibio User is the user that Exhibio's display system runs under. If "Automatic Login" isn't enabled in the Preferences, you will need to remember this info when the system boots up.' Below this are input fields for 'Username:' (containing 'DEMONAME'), 'Password:' (containing '*****'), and 'Re-Type Password:'. At the bottom of the window are three buttons: 'OK', 'Cancel', and 'Apply'.

Smart Terminal Registration

Each Smart Terminal requires LAN or Internet access to an active Enterprise Server. To register your Smart Terminal to work with your Enterprise Server, follow the steps below:

Configuring the Enterprise Server

1. Log into the Enterprise Manager on the Enterprise Server and click "Smart Terminals".
2. Click on "Add a Smart Terminal".
3. Specify a name and description for this Smart Terminal and enter its License's Serial Number.
4. Click "Save".
5. Repeat steps 2-4 for each Smart Terminal that you wish to configure.

The screenshot shows the 'Exhibio Setup Utility' window with the 'Smart Terminal Registration' tab selected. The window has a title bar with a close button (X) and a menu bar with options: Display Resolution, Users & Passwords, Smart Terminal Registration, System Information, System Settings, and Preferences. The main content area is titled 'Smart Terminal Registration' and contains the following text: 'Enter an Enterprise Sync server URL, Username and Password in the fields on the right to register this Sign as an Enterprise Smart Terminal. You'll need to add a new Smart Terminal in the Enterprise Manager matching this device's serial number as well. NOTE: This is not the same URL that you use to log into the Enterprise Manager. Consult your Enterprise Server administrator if you are unsure what to enter here.' To the right, there are three sections: 'Sync Service URL', 'Sync Service Credentials', and 'Sync Frequency'. The 'Sync Service URL' section has a text box containing 'file:///C:/enterprise/media-repo/enterprise/'. The 'Sync Service Credentials' section has input fields for 'Username:' and 'Password:'. Below these is a 'Verify Service Settings' button. The 'Sync Frequency' section has two rows: 'Heartbeat: Every 30 seconds' and 'Campaign Data: 7:00:00 AM daily'. At the bottom of the window are three buttons: 'OK', 'Cancel', and 'Apply'.

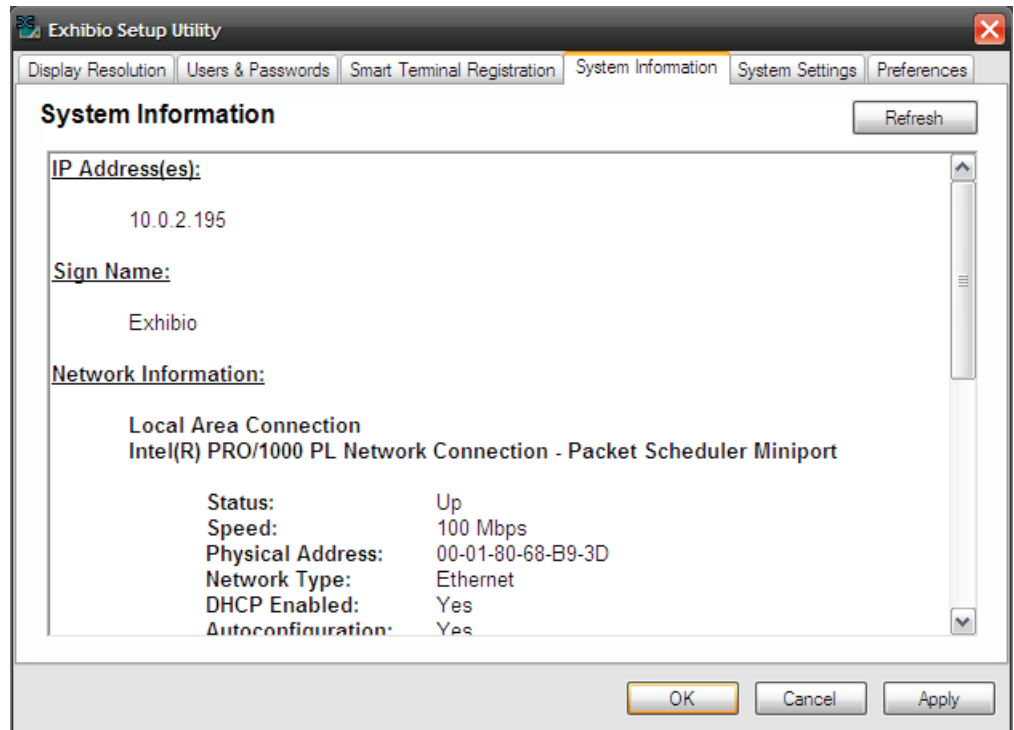
EXHIBIO SETUP

Configuring the Smart Terminal

1. Once the Enterprise Server is configured, log into the Smart Terminal's desktop.
2. From the Smart Terminal desktop, click "Setup".
3. Click on the "Smart Terminal Registration" tab.
4. Under "Sync Service URL", enter the URL of the sync service for your Enterprise Server. By default the URL is in the following format:
svn://[server name or ip]:443/enterprise/
5. Enter your Enterprise Server's sync service username and password. By default these are both "exhibio".
6. Click "Verify Service Settings".
7. You should get a message that says "Verification Succeeded. The sync service settings are correct". If you don't, then check to see that you have configured the server properly as outlined above and that your unit has connectivity to the Enterprise Server over TCP port 443.
NOTE: You may need to wait a few minutes between ending the Enterprise Server configuration and starting the Smart Terminal one.
8. You may also optionally change the heartbeat frequency (30 seconds is recommended) and specify the time of day that campaign data is synced back to the server (a time outside business hours is recommended).
9. Click "Apply" or "OK" to put the new settings into effect.

System Information

This window will provide information about the Sign, including the IP Address, Sign Name, Network Information, and Exhibio Services Status.

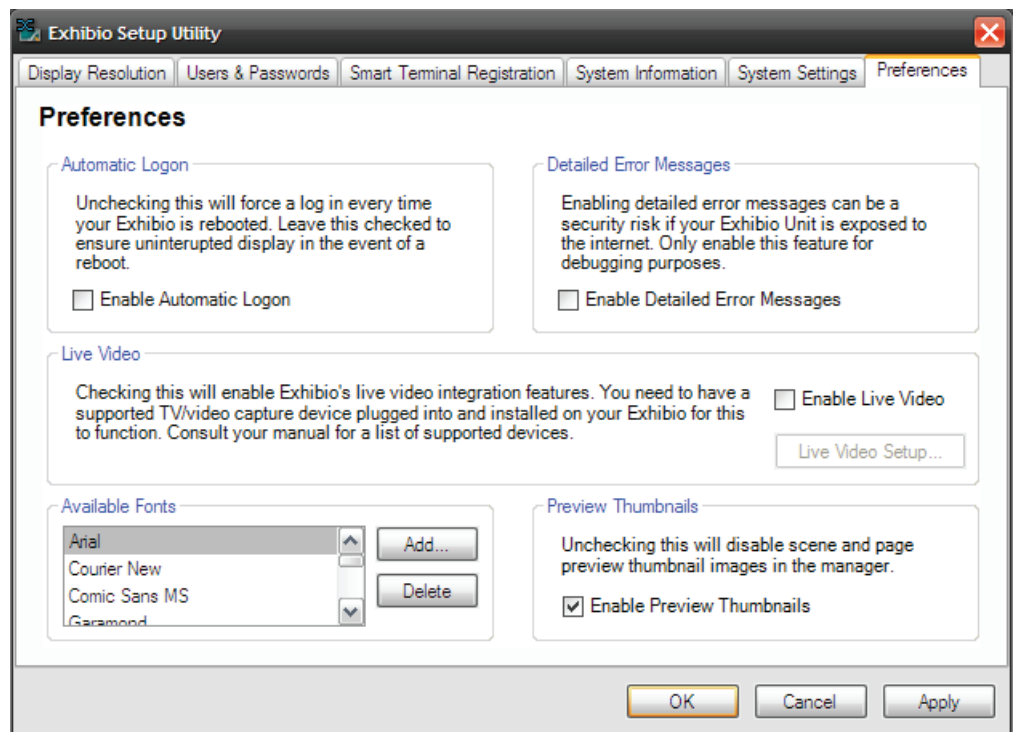


System Settings

The System Settings section will be discussed in detail in the next chapter, 'System Settings'.

Preferences

You may check 'Enable Automatic Logon' to automatically login to the correct Exhibio User Account upon restarting. Also, you may check 'Enable Detailed Error Messages'.



EXHIBIO SETUP

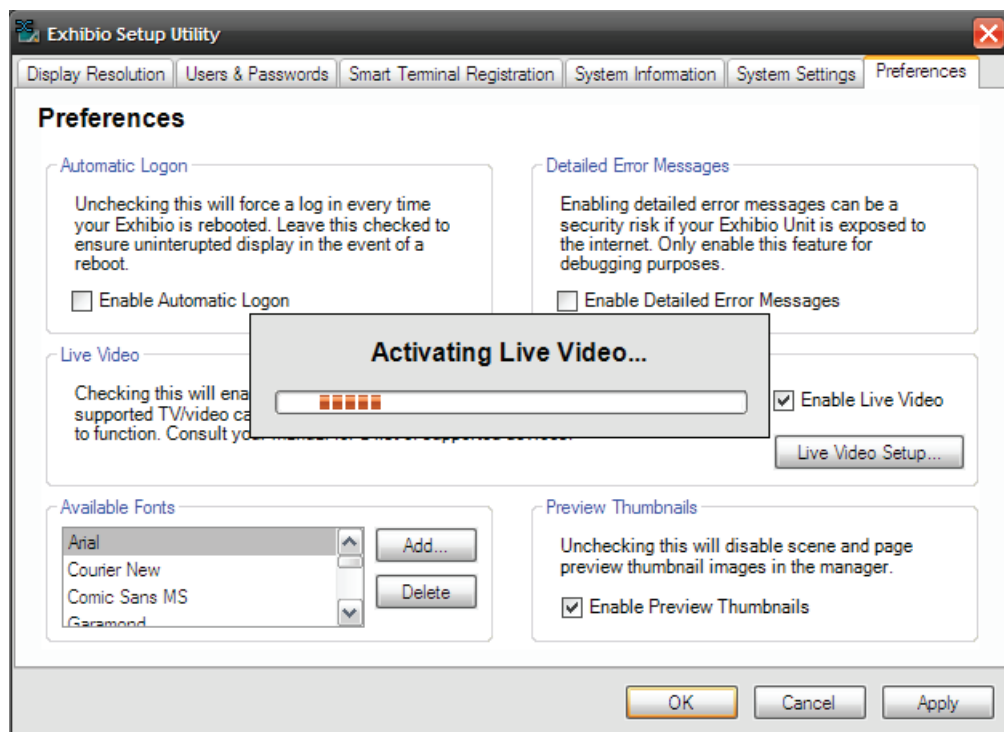
Enabling Live Video

To enable the Live Video feature, please ensure that you have installed your TV Tuning device. Once it is installed, check the 'Enable Live Video' button, and then click on the 'OK button'.

Please wait for Live Video to activate. This may take several seconds.

Once activation completes, click 'OK' on the dialog box to display the Live Video Setup window.

Click 'OK' on the dialog box to add channels.



Analog Channels

For analog channel scanning, select either 'Antenna' or 'Cable', select your country, and then click on the 'Scan' button.

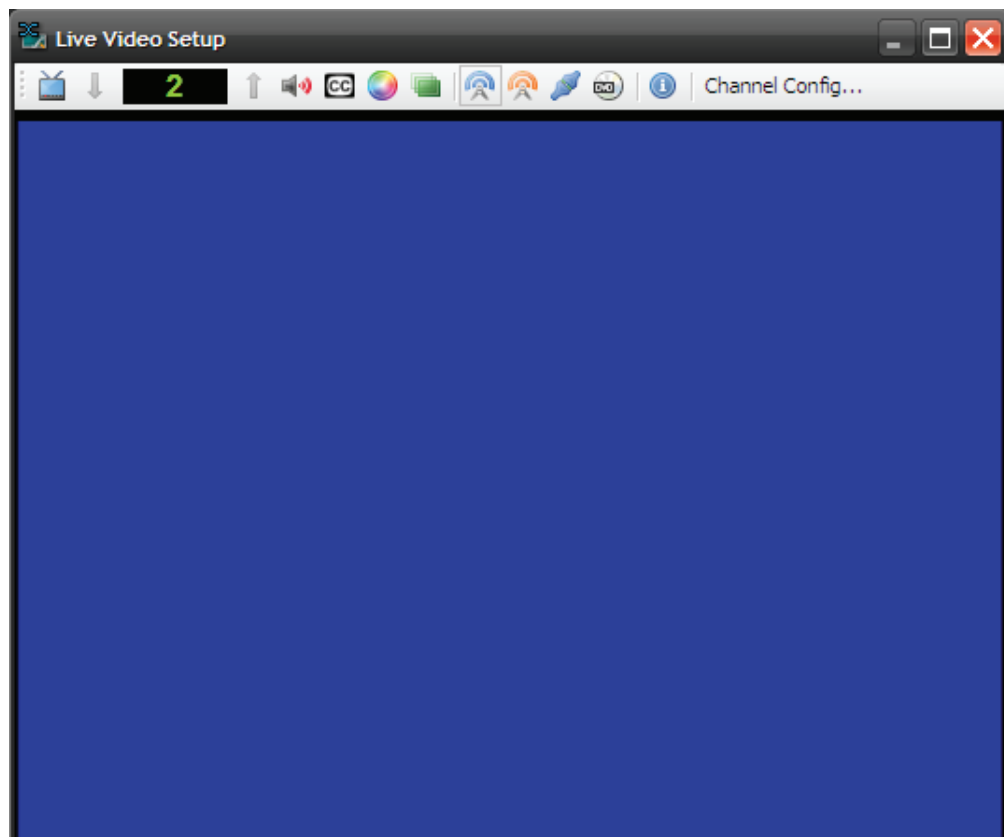
Digital Channels

For digital channel scanning, click on the 'Scan' button.

It may take the tuner several minutes to scan for channels. Please be patient as it pulls them in.

For a list of ATSC (Digital TV) transmissions in your area, input your Zip Code at <http://www.titantv.com>. When you see the TV guide information for your area, click the HD only button.

Digital TV reception requires an antenna capable of picking up a strong signal. Go to <http://www.antennaweb.org> to find out what type of antenna you will require.

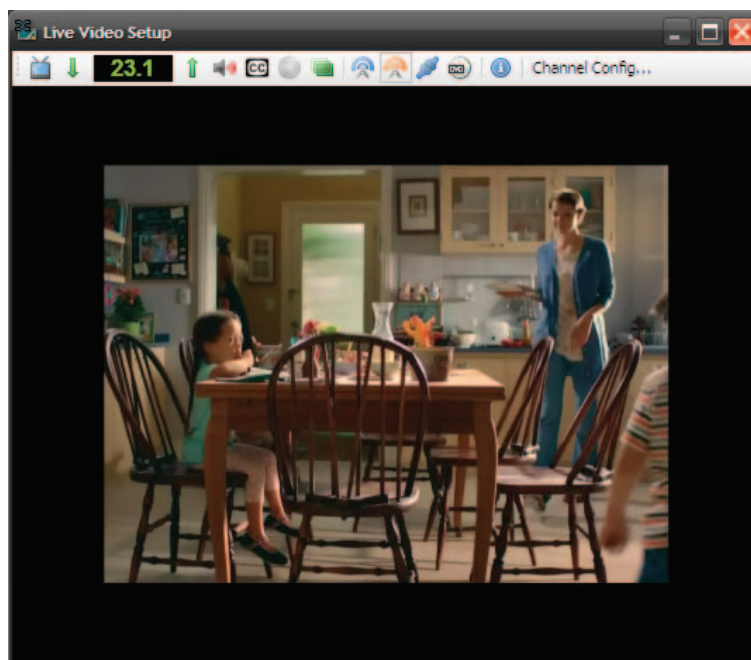
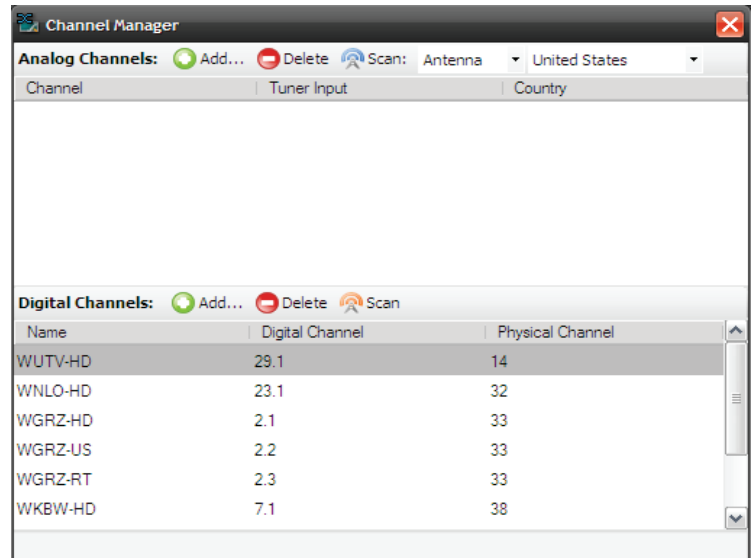


After scanning completes, a list of channels will be shown. In the background, the Live Video Setup window will be running the first channel that was found during the scan.

You may manually add or remove channels by clicking the 'Add...' and 'Delete' buttons. Close the Channel Manager dialog when you are finished.

Note: Digital TV is only available for users with approved TV Tuner devices and appropriate decoders installed. Please contact Exhibio, LLC for more information. Currently, only ATSC digital television is supported. As of January 1, 2010, the ATSC standard is used in the following countries: Bahamas, Bermuda, Canada, Costa Rica (in trials), Dominican Republic (in trials), Guatemala (in trials), El Salvador, Honduras, Mexico, Nicaragua (in trials), Philippines (in trials), South Korea, and the United States. It is also used in the U.S. territories of American Samoa, Guam, Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands.

You may change the channel up and down to preview your video source. Once complete, close out of the Live Video Setup window. Then click on the 'Finished' button on the 'Exhibio Setup Utility'.



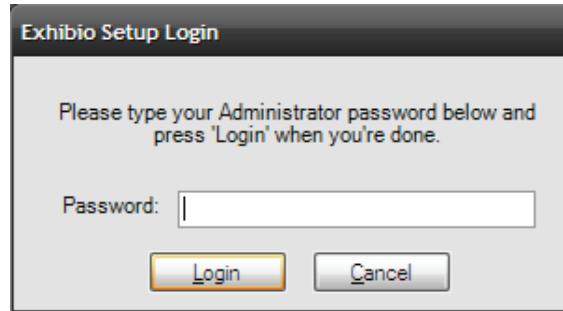
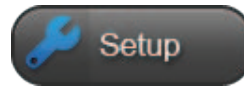
SYSTEM SETTINGS

SYSTEM SETTINGS

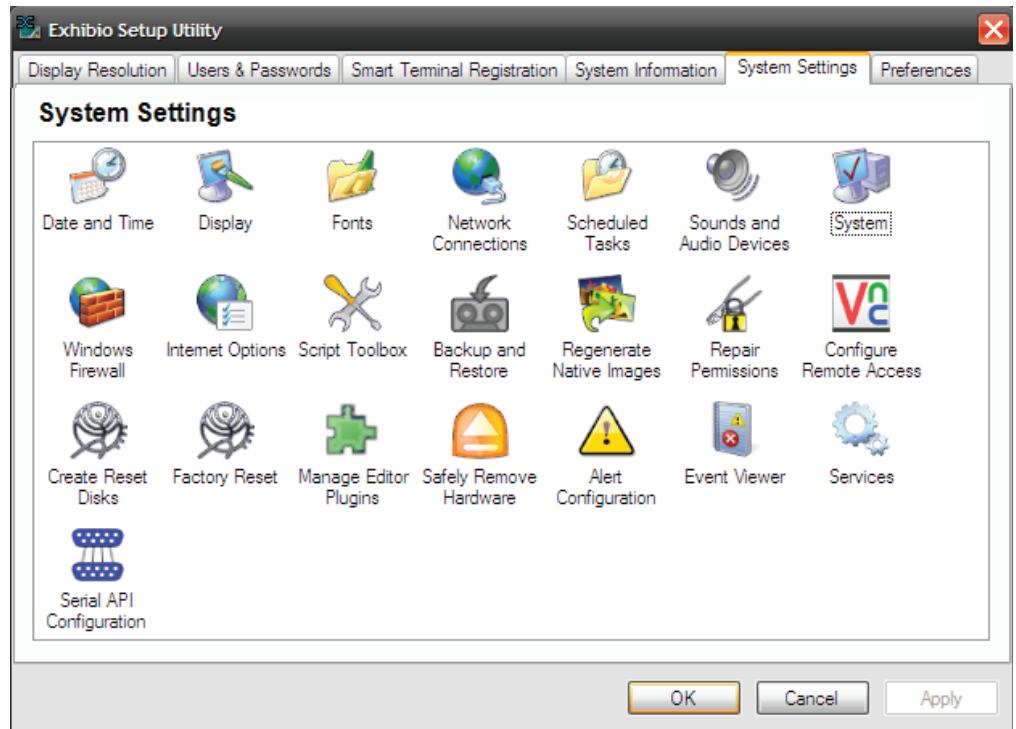
Full administrative controls may be found in the 'System Settings' section of the 'Exhibio Setup Utility'.

To access the 'System Settings' section, first click on the 'Setup' button on the desktop.

Enter your Administrator password, and select 'Login' when finished.

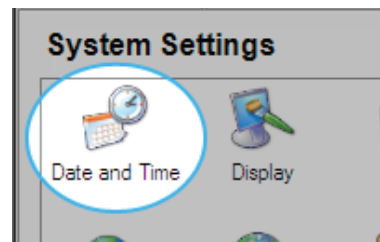


Select the 'System Settings' tab at the top of the new window. All icons in this area are now accessible for administrative changes.

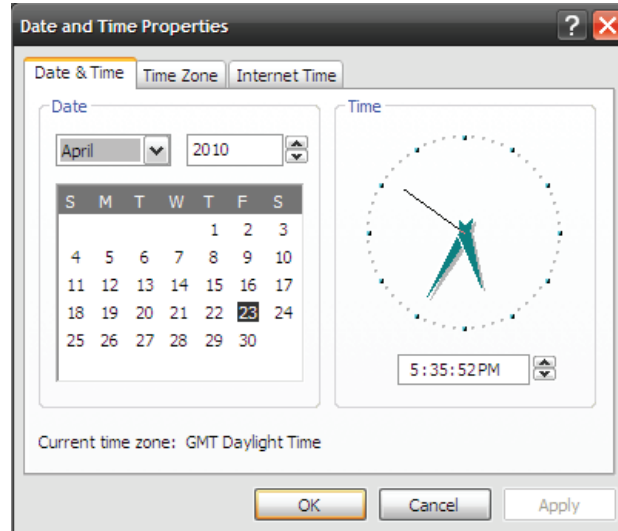


Date & Time

Click on the 'Date and Time' icon in the 'System Settings' menu.



Select the date, and change to your local time. Also, you may click on the 'Time Zone' tab at the top to change time zones, and enable Daylight Savings Time. Click 'OK' when finished.



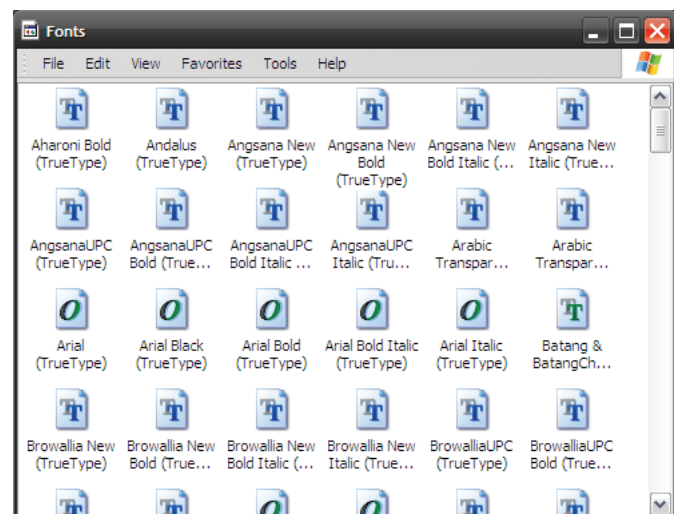
Display

Click on the 'Display' icon in the 'System Settings' menu. For further information on your display settings, please refer to your 'First Time Setup Guide' as these settings are specific to hardware platforms.



Fonts and Adding Fonts

1. Click on the 'Fonts' icon in the 'System Settings' menu.
2. Click on 'File' then 'Install New Fonts'. Select the folder you wish to add new fonts from, and then select 'OK'.
3. When finished, close the 'Fonts' folder, and click the 'Preferences' tab within the Exhibio Setup Utility.
4. Click on the 'Add' button under the 'Available Fonts' section.
5. Use the scroll bar under the 'Font' section to find the font you wish to add. You can use the 'Font Style' and 'Size' settings to preview how your font will look. Press the 'OK' button when you're done.
6. To add more fonts, repeat step 4.
7. Once you have added all of your fonts, click on the 'OK' button in the Exhibio Setup Utility.



SYSTEM SETTINGS

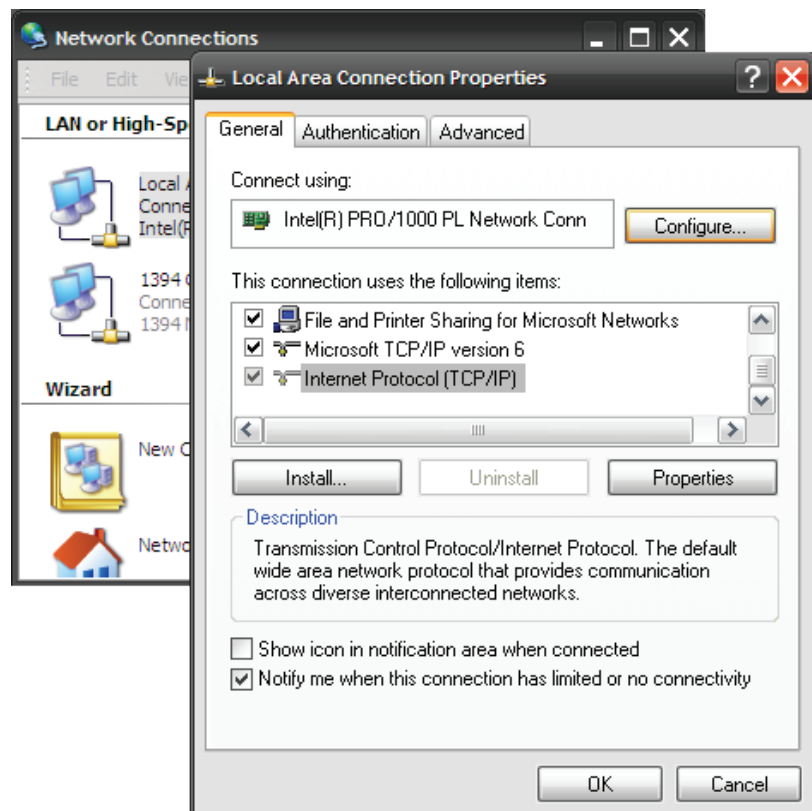


Network Connections

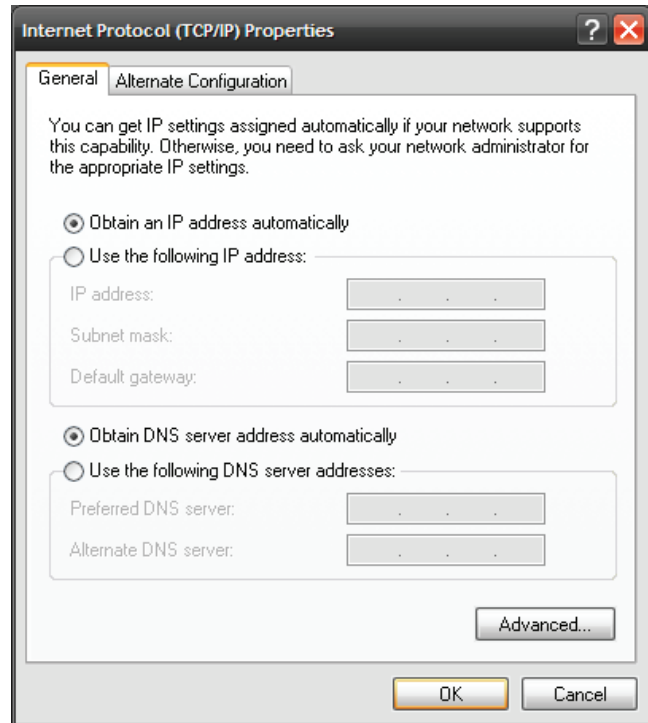
Click on the 'Network Connections' icon in the 'System Settings' menu.

To change the properties of a connection, such as inputting a static IP address, right-click on your LAN connection and select 'Properties'.

Select 'Internet Protocol (TCP/IP)' and then select 'Properties' to the right.



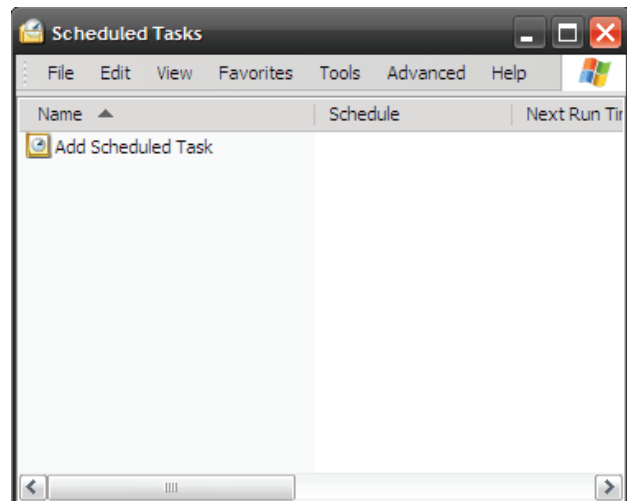
Select 'Use the following IP address' and input the IP Address, Subnet mask, and default gateway. Next, enter the preferred and alternate DNS servers. Once finished, click 'OK', then 'OK' on the Connection Properties window. Close out of the Network Connections dialog, and then click 'OK'.



Scheduled Tasks

Click on the 'Scheduled Tasks' icon in the 'System Settings' menu.

From this dialog, you may Add a new scheduled task, or edit an existing scheduled task. When complete, close out of this window, then click 'OK' on the Exhibio Setup Utility.



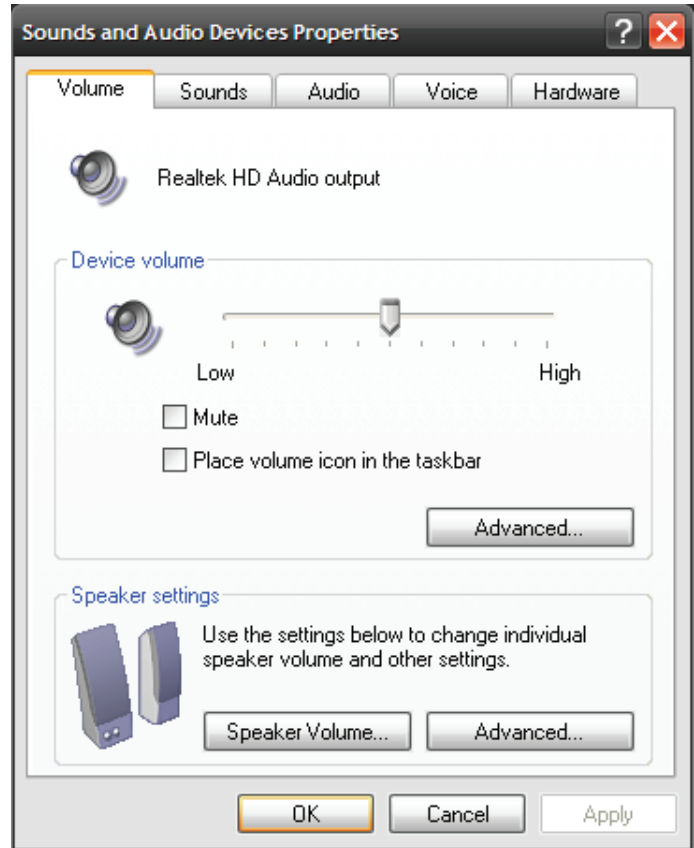
SYSTEM SETTINGS



Sounds and Audio Devices

Click on the 'Sounds and Audio Devices' icon in the 'System Settings' menu.

You may check or change your audio settings in this window, including volume controls and advanced settings. After changing settings, click 'OK' in this window, then select 'OK' on the Exhibio Setup Utility.



System

Click on the 'System' icon in the 'System Settings' menu.

The 'General' tab will provide information regarding the OS and hardware on the Exhibio device.

Click the 'Computer Name' tab to change the Computer Description or join a domain.

Click the 'Hardware' tab to check the Device Manager, Drivers, and Hardware Profiles.

Note Do not use the 'Windows Update' through this window. All Windows updates are provided through the 'Exhibio Update Utility' found on the main desktop of the Exhibio unit.

Click the 'Advanced' tab to check system performance, user profiles, and recovery settings.





Windows Firewall

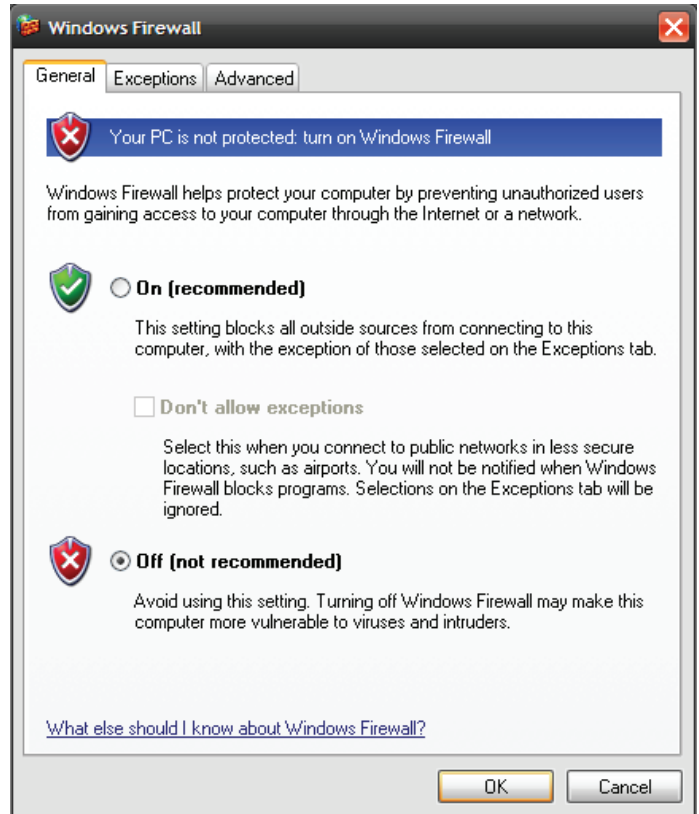
Click on the 'Windows Firewall' icon in the 'System Settings' menu.

The Windows Firewall is turned on by default. If you wish to turn this off, select 'Off (not recommended)' towards the bottom of this window.

Click the 'Exceptions' tab to add programs or ports, as well as to edit or delete any existing exceptions.

Click the 'Advanced' tab to change network connection settings, security logging settings, ICMP settings, and restore the default firewall settings.

Once complete, select 'OK' to save and exit, and then select the 'OK' button on the Exhibio Setup Utility.



Internet Options

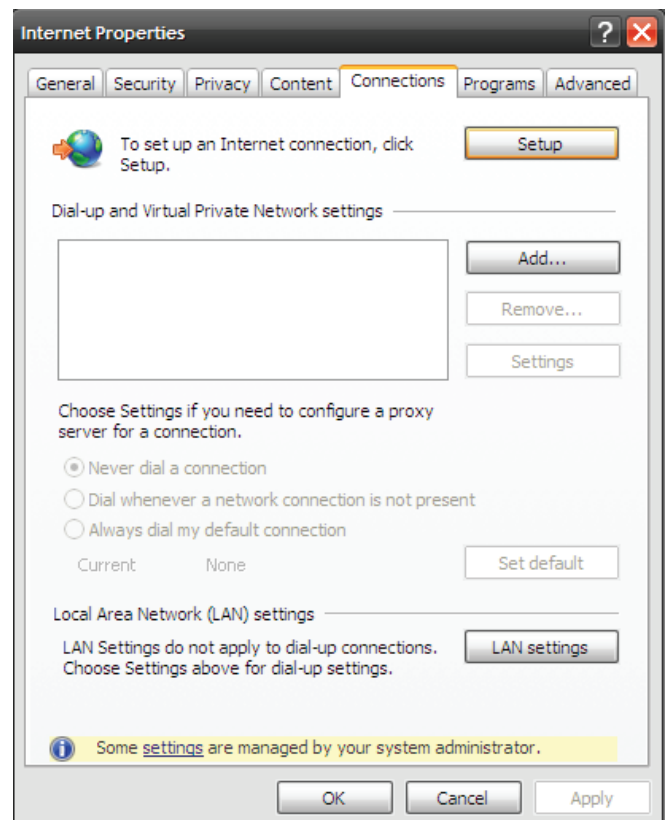
Click on the 'Internet Options' icon in the 'System Settings' menu.

Change Proxy Settings

Click on the 'Connections' tab at the top, and then click on the 'LAN Settings' on the bottom right.

Check 'Use a proxy server for your LAN' and enter the Proxy Server Address in the 'Address' field. Also, click on 'Advanced' and input the Proxy Server into the HTTP field. It's not necessary to use a Proxy for Secure, FTP, or Socks.

Click 'OK' on the 'Proxy Settings' window, click 'OK' on the 'LAN Settings,' then click 'OK' on the 'Internet Properties' window.



SYSTEM SETTINGS



Backup and Restore

This tool allows for easy backup of all Exhibio-relevant data and information.

To access the Backup and Restore tool, click on the 'Backup and Restore' icon in the 'System Settings' menu.

Create Backup Zip File

First Check the information/data which you would like to backup. It will automatically name the file, but you may type your own file name if desired. Then browse for an external location to save this backup file to. Finally, select 'OK' and the utility will complete the backup.

Backup and Restore

Backup Restore

Select items to back up:

Item Name	Item Description
<input checked="" type="checkbox"/> Scenes	Pages and media for all scenes.
<input checked="" type="checkbox"/> Schedule	All scheduled scene and playlist data.
<input checked="" type="checkbox"/> Custom Layouts	All custom Pane Layouts.
<input checked="" type="checkbox"/> Campaign Info	Campaign and account names and descriptions.
<input checked="" type="checkbox"/> Campaign Playbacks	Campaign playback data.
<input checked="" type="checkbox"/> Background Images	Shared pane background images.
<input checked="" type="checkbox"/> Sign List	Sign group data.
<input checked="" type="checkbox"/> Toolbox Scripts	All items from the toolbox folder.
<input checked="" type="checkbox"/> License File	The system license file.
<input checked="" type="checkbox"/> Manager Users	The manager users data.

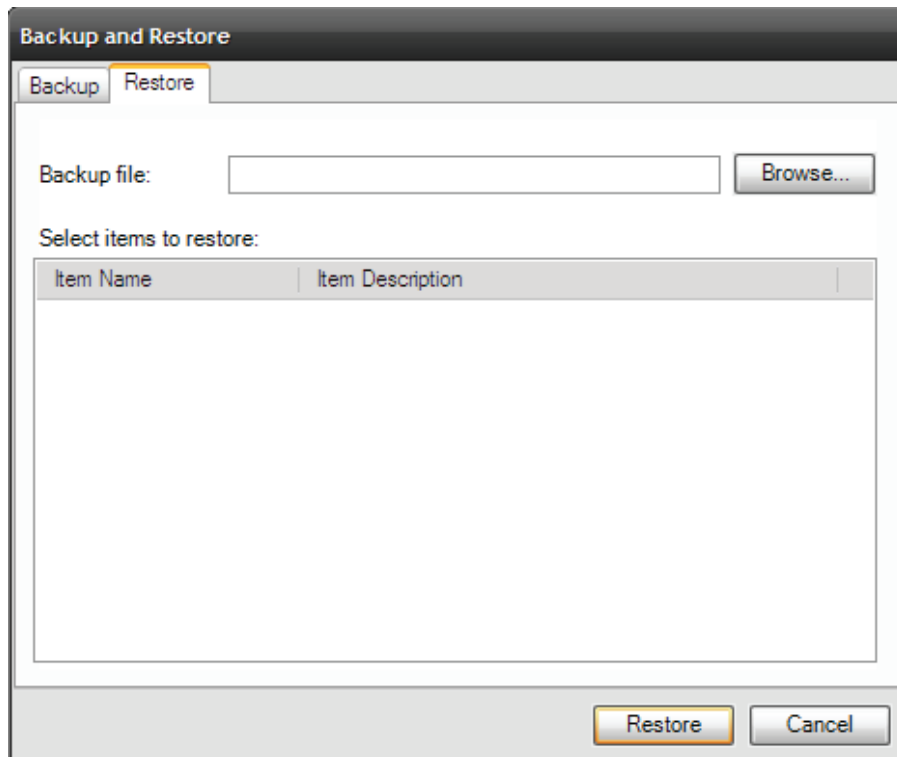
Backup File Name:

Backup Location:

Restore from Zip File

First click on the 'Browse' button to locate the .zip file to restore your information/data from. Then, click the 'Open' button to pull in the information which is available for restoration. Select the items to restore, and then click on 'Restore'. The utility will now restore all selected items back into your Exhibio system.

Please reboot your Exhibio System after completing a Restore.



Regenerate Native Images

This application regenerates native images of all the Exhibio applications on the system. You may need to run this utility if you are experiencing random errors, or you have recently updated the Exhibio Software. To access the Regenerate Native Images tool, click on the 'Regenerate Native Images' icon in the 'System Settings' menu. Then, click on the 'Regenerate Images' button.



Repair Permissions

This application allows you to reset the security settings on the folders in an Exhibio Software installation to their correct, factory-default state. Running this program may be necessary if you have changed folder security settings manually, or if you have inadvertently run an application that alters folder security settings. To access the Repair Permissions tool, click on the 'Repair Permissions' icon in the 'System Settings' menu. Then, click on the 'Repair Permissions' button.



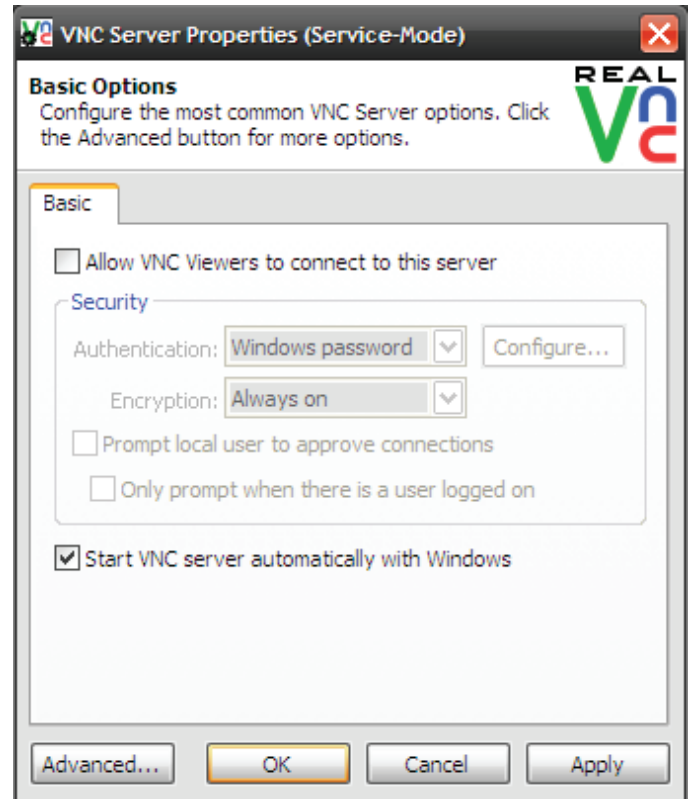
Configure Remote Access

To use the Remote Access tool, click on the 'Configure Remote Access' icon in the 'System Settings' menu. You may connect to the Exhibio system remotely via a java viewer or a desktop application. Below are setup instructions for each.

SYSTEM SETTINGS

RealVNC Setup – Desktop App

1. Check 'Allow VNC Viewers to connect to this server' to enable VNC access.
2. Then select 'Advanced...'
3. Ensure 'Accept connections on port' is checked, and either keep the default port, or set your own. Note If you change the port, you may need to change the firewall settings. Once complete, click on the 'OK' button.
4. From your remote machine, go to [http://\[sign ip\]/realvnc/vncviewer.exe](http://[sign ip]/realvnc/vncviewer.exe) to download and install the application to your desktop.



5. Enter in your Exhibio Sign IP Address, and select 'OK'.
6. You now have remote access of the Exhibio System.

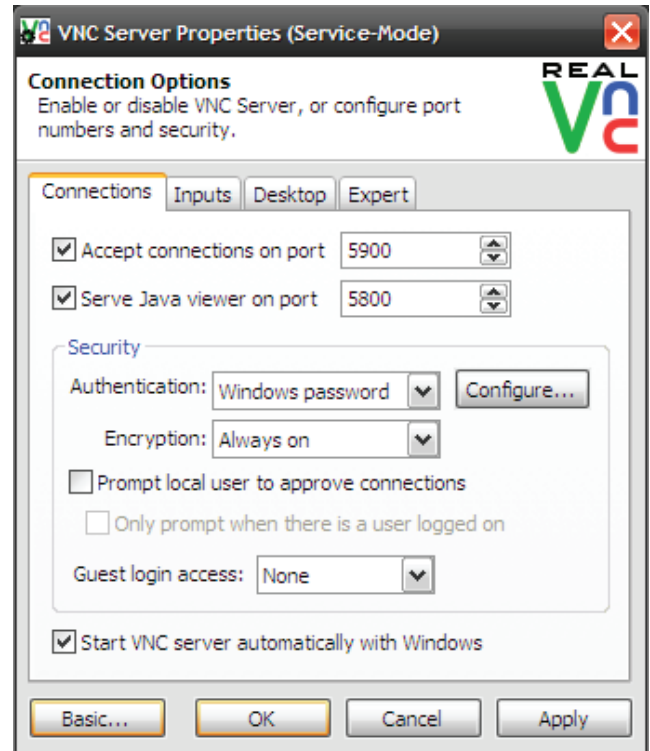
For detailed instructions or support, please visit <http://realvnc.com/support>



RealVNC Setup – Java App

1. Check 'Allow VNC Viewers to connect to this server' to enable VNC access.
2. Then select 'Advanced...'
3. Ensure 'Serve Java viewer on port' is checked, and either keep the default port, or set your own. Note if you change the port, you may need to change the firewall settings. Once complete with the settings, click on the 'OK' button.
4. From your remote machine, open your web browser, and go to [http://\[sign ip\]:\[java viewer port\]](http://[sign ip]:[java viewer port]) which will then pull up an authentication dialog box. From there you have remote access to the Exhibio System.

For detailed instructions or support, please visit <http://realvnc.com/support>

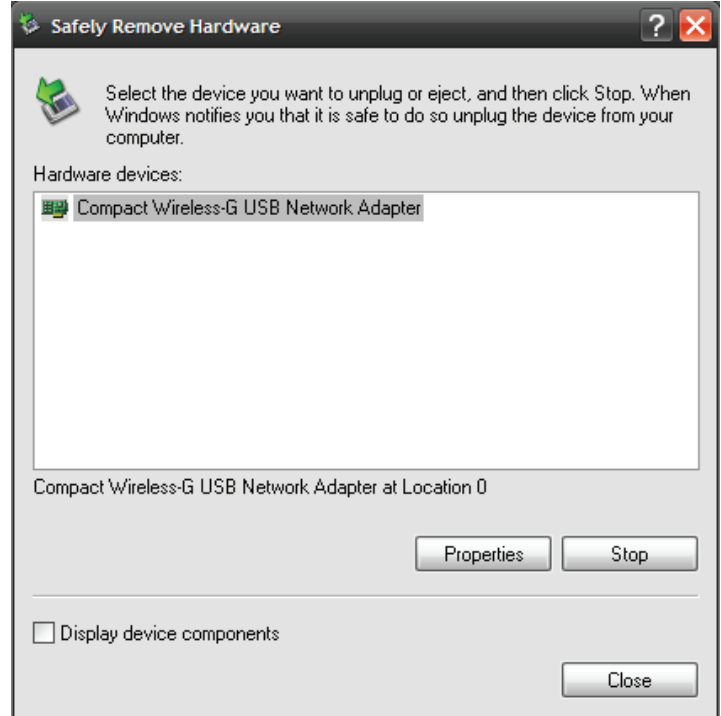


Safely Remove Hardware

To access the Safely Remove Hardware tool, click on the 'Safely Remove Hardware' icon in the 'System Settings' menu.

SYSTEM SETTINGS

Use this tool to remove hardware or devices plugged into the Exhibio system's USB ports. Just select the hardware device you would like to remove, then click the 'Stop' button. Once it's gone from the dialogue box, click on the 'Close' button.

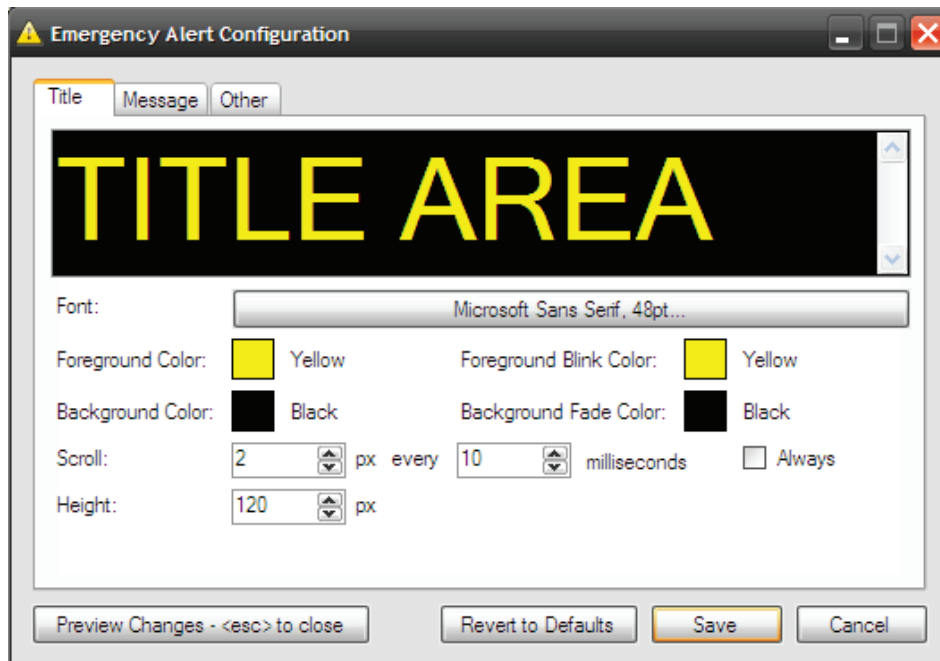


Alert Configuration

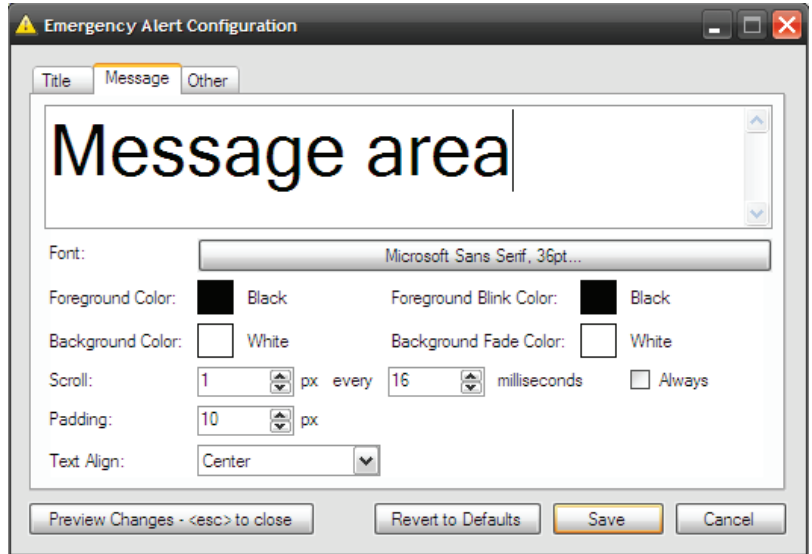
The 'Alert Configuration' tool allows you to control the look and behavior of Emergency Alerts that are displayed on your system.

To access the Alert Configuration tool, click on the 'Alert Configuration' icon in the 'System Settings' menu.

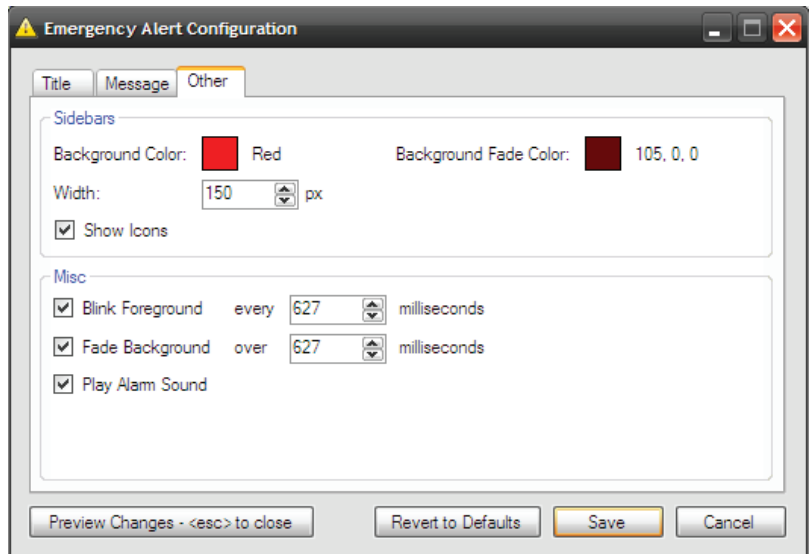
From the 'Title' tab, you can adjust the font family and size, font color, foreground color, background color, blink colors, scroll speed and duration, and overall height of the Alert title area.



From the 'Message' tab you can adjust the font family and size, foreground color, background color, blink and fade colors, scroll duration and speed, padding, and text alignment of the Alert message area.

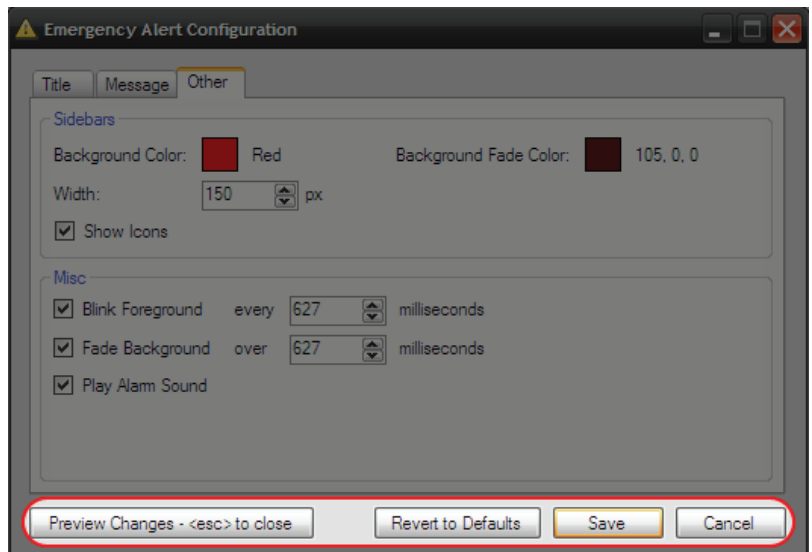


From the 'Other' tab you can adjust the background color, fade color, width and icons in the sidebars. You can also enable or disable blinking and fading effects and adjust their speeds as well as enable or disable alarm sounds.



To see the effect your settings changes are having you can click on the 'Preview Changes' button at any time. This will fill the display with an exact representation of what your alert will look like. Press the <esc> key on your keyboard to close the alert preview.

To bring back the default Alert settings press the 'Revert to Defaults' button. To save your settings click on the 'Save' button. To exit the Alert Configuration tool without committing any of your changes click on the 'Cancel' button.



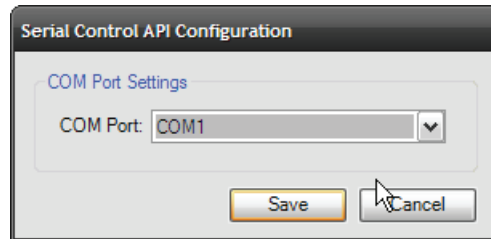
SYSTEM SETTINGS



Serial API Configuration

Click on the 'Serial Control API' icon in the 'System Settings' menu.

From the dropdown menu, select your desired COM port. Click the 'Save' button when you are finished.



For more information on this feature, see the Serial Control API Customization guide located in the 'Help' section in your Exhibio unit's software.

EXHIBIO MANAGER

The Exhibio Manager is a browser-based content management system. It is fully integrated into the Exhibio unit and does not require additional installation on other PCs.

Accessing the Exhibio Manager

You can access the Exhibio Manager from any compatible web browser on any computer that has Internet or network access to the Exhibio Unit. This is accomplished in one of three ways:

1. On your Local Area Network (LAN): Access the system using an internal IP address or name.
2. Over the Internet: Your network administrator will need to expose the system's built-in web server to the public Internet. Access the system using its public IP address or name.
3. Directly on the display: Stop the sign display by pressing the 'Esc' key, and access the Exhibio Manager by clicking 'Manage' or double-clicking the 'Exhibio Manager' icon. When you have finished modifying the content within the Exhibio Manager, you can restart the sign display by double-clicking on the 'Start Exhibio' icon.

System Requirements

The Exhibio Manager is accessible from your personal computer using any of the web browsers listed below.

- Microsoft Internet Explorer 6.0 or higher for Windows (Strongly recommended – Some features may not function properly in other browsers.)
- Mozilla Firefox 2.0 or higher (Windows and Mac)
- Opera 9.2 or higher (Windows and Mac)
- Safari 3.0 or higher (Windows and Mac)

Note *The Macintosh version of Internet Explorer is not compatible with the Exhibio Manager. Cookies and JavaScript MUST be enabled in all web browsers.*

Hardware

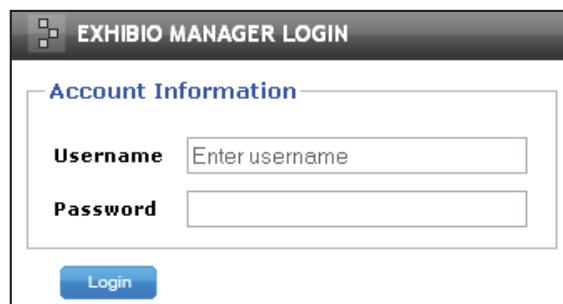
A Pentium 4 class PC or higher is recommended. We also recommend using a monitor with a resolution that is at least as high as your display device. Lower resolution displays will show only a portion of the preview, forcing you to scroll horizontally and/or vertically to see the entire preview window. For example, if you use the Exhibio system with a 40" LCD display with a resolution of 1366x768, and you access the Exhibio Manager via a 17" monitor with a resolution of 1024x768, you will only see a portion of the preview.

Important *Set your Internet Explorer font size to 'Medium'. This will ensure that what you see in the Manager matches what is seen on the display.*

Logging In

Enter your Exhibio username and password.

First Time Login: The first time you access the Exhibio Manager, the default username and password are both "exhibio" (all lowercase).



EXHIBIO MANAGER LOGIN

Account Information

Username

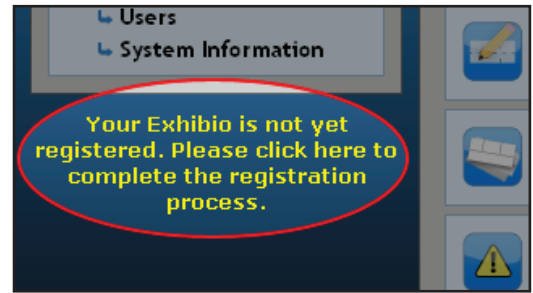
Password

Login

Product Registration

By registering, you will receive emails regarding important software updates and product information.

1. Towards the bottom left, you will notice yellow text stating that your Exhibio system is not yet registered. To register, please click on the text.



2. If your Exhibio system has access to the Internet, choose 'Register Over The Internet' and click 'Next'. If it doesn't have access to the Internet, click on 'Register by Phone' and click 'Next'.



3. For Internet Registration, fill out the form and click 'Next'. Then click 'Finish'.

For Phone Registration, please call the number shown on the screen to register your product.

A screenshot of the 'PRODUCT REGISTRATION' screen, Step 2 - Internet Registration. The title bar says 'PRODUCT REGISTRATION'. Below it is the heading 'Step 2 - Internet Registration'. The form is divided into three sections: 'Unit Serial Number' with a large text input field containing 'YOUR SERIAL NUMBER'; 'Personal Information' with fields for 'Name', 'Email Address', and 'Company/Organization'; and 'Contact Information' with fields for 'Address', 'City', 'State/Province', 'Zip/Postal Code', and 'Telephone Number'. At the bottom right, there are 'Back', 'Next', and 'Cancel' buttons.

EXHIBIO MANAGER

Main Page

The first screen to appear after logging into the Exhibio Manager is shown below. From this page, you can access all areas of the content management system.

Home

In the upper left is a 'Home' button, which is accessible from all levels of the software. This button will take you to the main menu, titled "Manage Exhibio".

Side Menu

The left portion of the page contains a menu which is shown in most windows. The menu allows you to easily navigate between areas.

Main View

The center section is the dynamic section which changes based on your selected task or view.

View Scenes

Towards the top right, 'View Scenes' is always available for you to preview the scenes saved on your system.

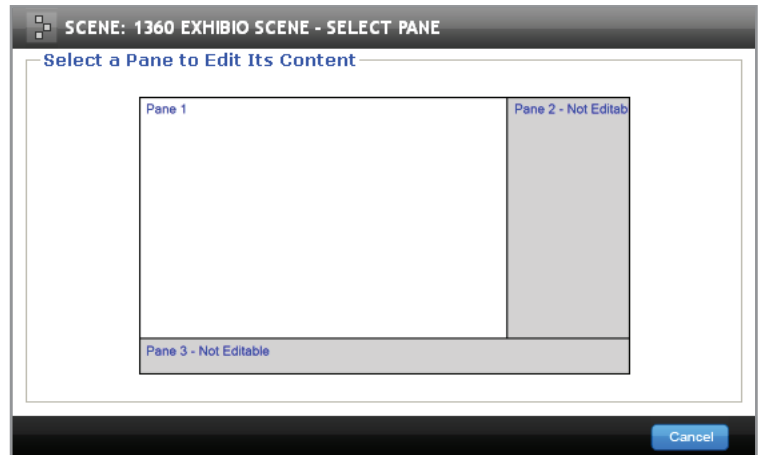


Locally Editable Pages

Panes can be enabled to be locally editable. This means its content can be edited directly through an ST unit. Enabling a pane to be locally editable can only be done through the Enterprise Server. For more information on enabling a pane to be locally editable, see the “Locally Editable” section of the Enterprise manual.

To Edit a Locally Editable Page:

1. Click the ‘Scenes’ link on the main menu.
2. Under the heading ‘Create & Manage Content’, click on the dropdown menu.
3. Click on the desired scene from this dropdown menu.
4. The layout of the scene you have selected will appear in the center of the screen under ‘Select a Pane to Edit Its Content.’ You will only be able to click on panes that have been enabled for local editing. Panes you will not be able to edit will be gray and say ‘Not Editable.’
5. Click on the locally editable pane you wish to edit.



Design Mode

Page Tools

Pages that are not locally editable will have thumbnails that appear darkened and will not be clickable. By default, the Page Tools are visible. To hide the Page Tools, click on ‘Hide Page Tools’. In this section, you will see a thumbnail image of each page created for this pane. By default, each page created will appear in sequence within the pane whenever the scene is displayed.



Select a Page

To select a page to work on, click the thumbnail image of the page. The canvas area located below will change to the page you wish to work on.

Page Setup

By default, the Page Setup will be hidden. To show the Page Setup options, click on 'Show Page Setup'.

Text

The default font, color, and style (typeface) settings are controlled by their corresponding drop-down menus. To change the font size, click in the textbox and type in the number of points (pt).

Background

Background color, image position, and tiling are controlled by their corresponding drop-down menus.

Changing the Background Image

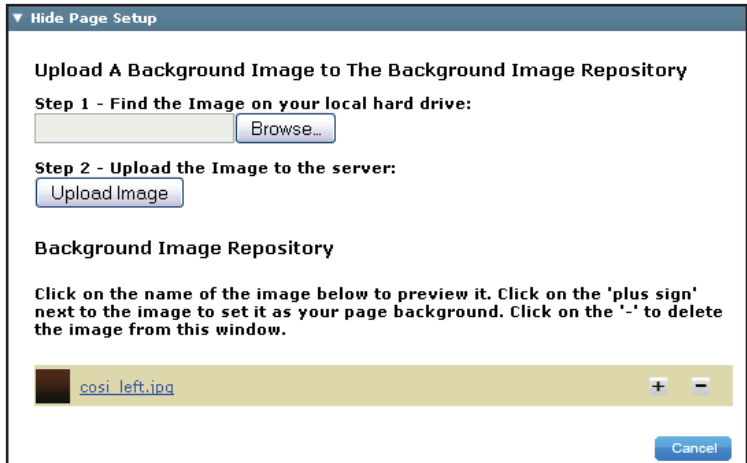
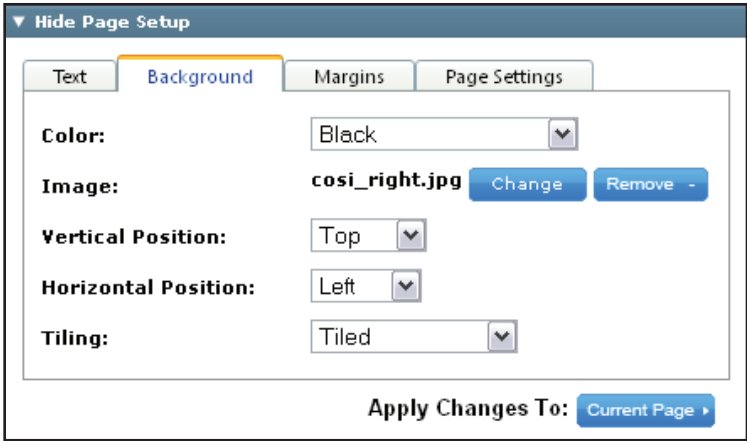
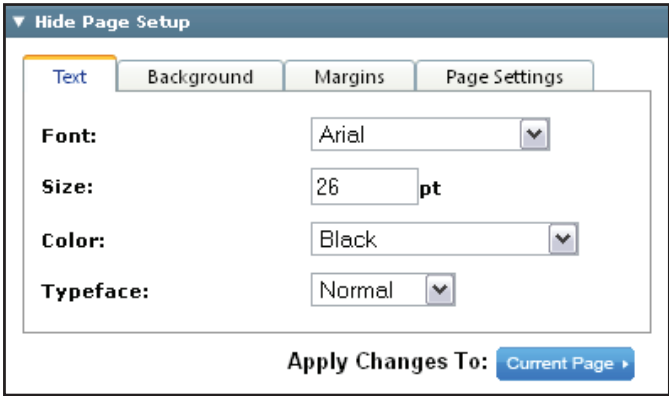
Unless you have created a custom scene, your scene will have a background image already in place on the page. Its name will be displayed immediately after the 'Background Image:' label.

Changing or adding a background image is accomplished by clicking on either the **Change** button or the **Remove -** button. You will then see the current background image repository, and the image browsing and uploading utility.

If the image you want to add is not in the current image repository, click the 'Browse' button and select it from its current location. Once the location of the image appears in the textbox to the left of the 'Browse' button, click on the 'Upload Image' button.

To use an image listed in the Background Image Repository as the page background, click the **+** button.

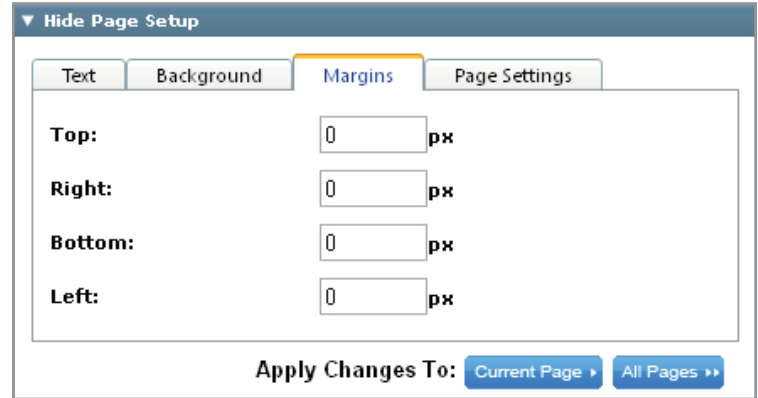
If you want to permanently delete an image from the Repository, click the **-** button.



EXHIBIO MANAGER

Margins

Adjust the page margins by selecting the textbox next to the margin title and typing in the number of pixels (px).



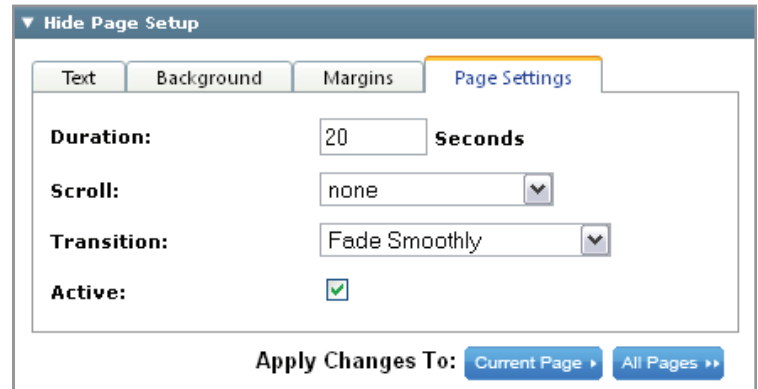
Page Settings

Duration: Measured in seconds, duration shows the length of time the page will be displayed before the next page appears. Page duration only applies if two or more pages are active in the pane.


Scroll: Selecting Right to Left, Left to Right, Up, or Down will scroll all of the content within the page.

Transition: This setting handles how the previously scheduled page transitions to the current one.

Active Checkbox: Checking this box puts the selected page in the active playlist for this pane. If this option is unchecked, the page will be skipped whenever the scene plays.



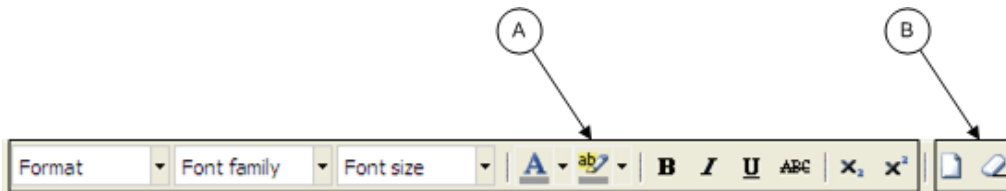
Applying your changes


Apply your changes to the current page by clicking . If you apply the changes to all pages within the pane, all current attributes will be copied onto all of the pages. Individual attributes cannot be applied to all pages.

Editing Tools


By Default, the Editing Tools are visible. To hide the Editing Tools, click on 'Hide Editing Tools'.



A. Font Toolbar

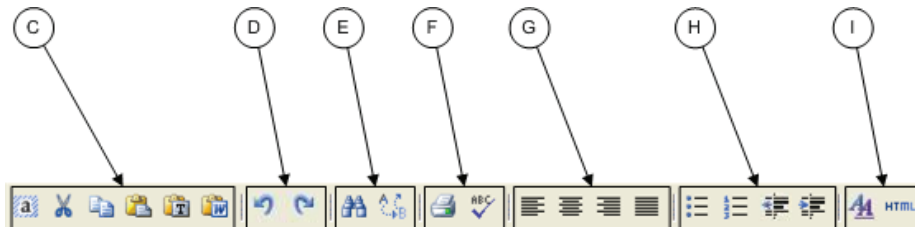


Add text by placing your cursor into the page canvas area and start typing. To format a block of text, select it and use the Font section of the 'Editing Toolbar' to change its attributes. When text is selected for editing, the toolbar items will change to reflect its current attributes. Clicking on the  gives you a popup list of colors to choose from. The text highlighting tool puts a background color floor behind a selection of text. To remove the background color, click the 'Remove Formatting' toolbar item. This will allow you to change your text color.

B. **Clear Formatting / Clear Content**


The  button will remove all content from the canvas.


The  button will remove all formatting that exists on the canvas. To use this, highlight the item or object for which you wish to remove the associated formatting, and click on the  button. It will then reset that highlighted object back to the default format.





C. **Cut / Paste / Copy**


The  button will select all content/objects in the canvas.

The  button will cut a highlighted object, or set of highlighted objects, for instance, text, images, or any other object that you have highlighted in the canvas.

The  button will copy a highlighted object, or set of highlighted objects, for instance, text, images, or any other object that you have highlighted in the canvas.

The  button will paste any content you have placed in the Editor Clipboard by cutting or copying content from within the Exhibio Canvas.

The  button will paste in plain text from any source. This will not work with rich text editors, such as Microsoft Word, or Word Pad. If you copy text in from those sources, the styling of the content will be stripped, and it will be inserted as plain text.

The  button will paste in any rich text, for instance, from Microsoft Word or Word Pad.


D. **Undo / Redo**

The  button will undo the last change you made to the canvas.


The  button will redo the last change you made to the canvas.


E. **Find / Replace**

The  button will open a small new window, where you can search for specified text in the canvas.

The  button will open a small new window, where you can search for specified text in the canvas, and replace it with different text.

F. **Print / Spell Checker**


The  button will print the current page on your screen.

The  button runs a spell-check on all of the text available in the canvas.


G. **Content Alignment**


The     buttons will align content left, center, right, or justify, respectively.

H. **Ordered List / Indenting**

The  button will create a bulleted ordered list.

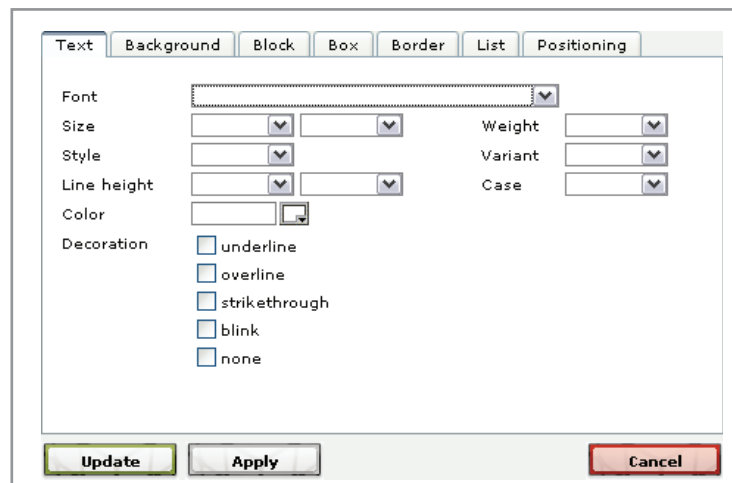
The  button will create a numbered ordered list.

The  button will indent to the left.

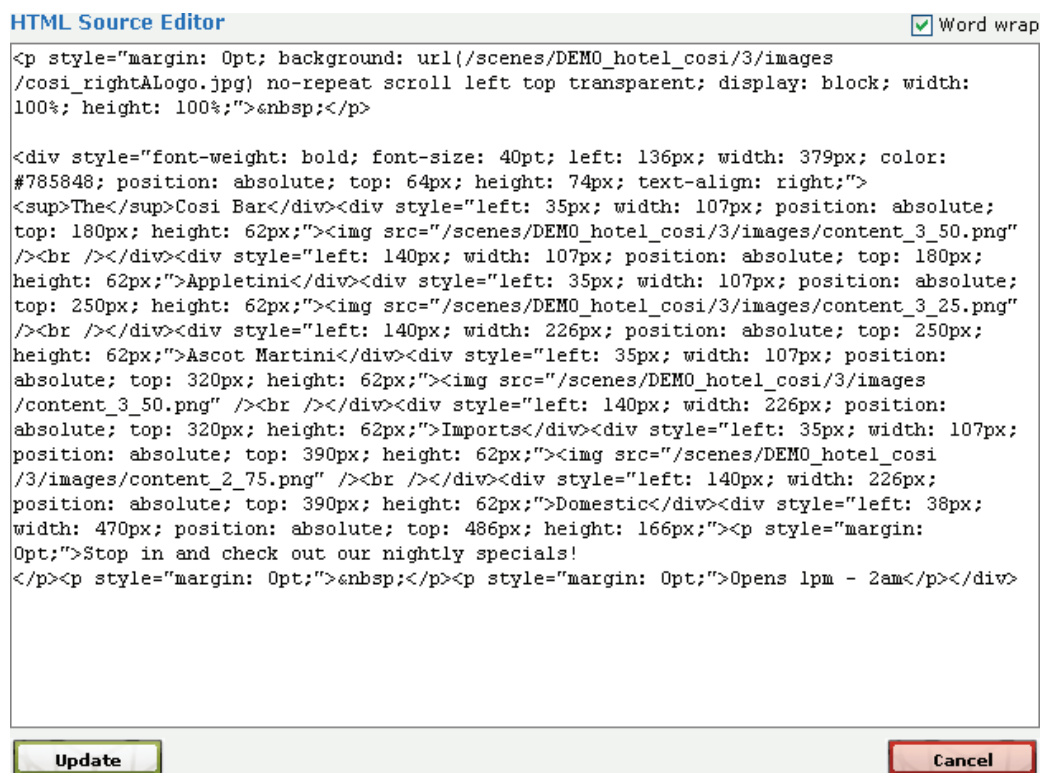
The  button will indent to the right.

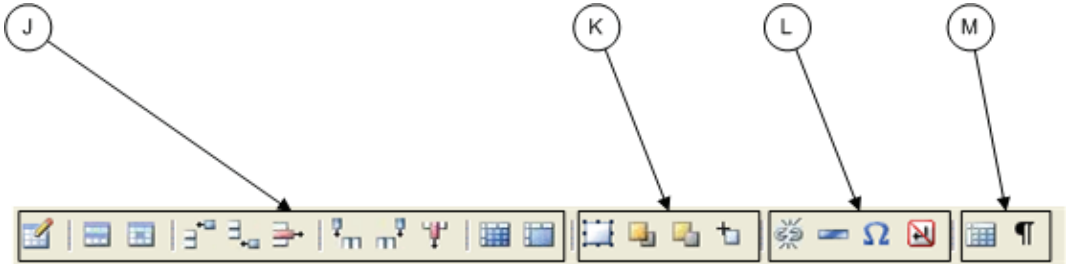
I. CSS Styles / HTML

The **44** button will allow you to custom style your own CSS. You may go through the options, and setup any custom styling you like. Click the 'Apply' button to see your changes in real-time. Click the 'Update' button when you're finished.




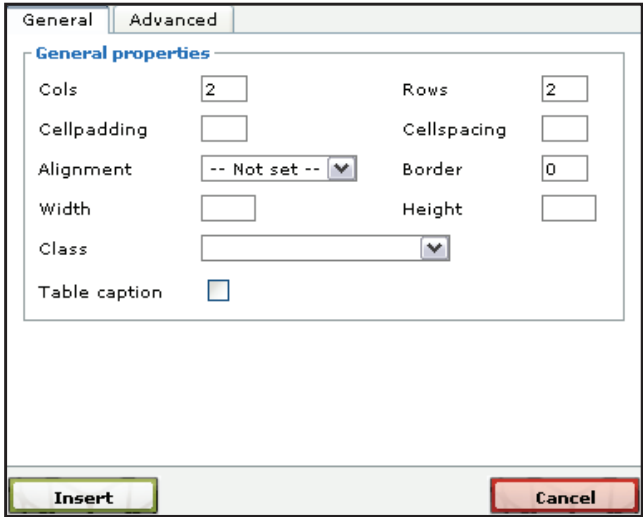
The **HTML** button will allow you to type or paste in your own HTML code. This includes scripting languages as well. Click the 'Update' button when you're done.






J. Tables

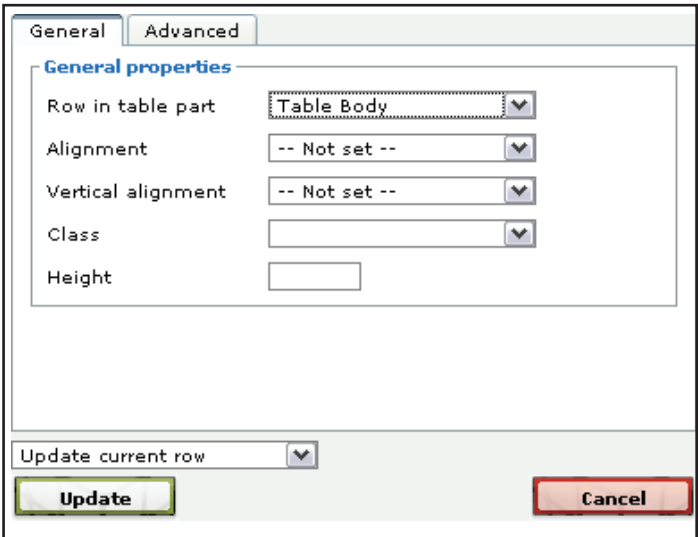
The  will pop up a small window requesting information about the new table you wish to add. You can change the number of columns, number of rows, cell padding, cell spacing, alignment, border, width, and assign it to a style class. For more advanced options, click on the 'Advanced' tab. When you are finished adjusting the new table settings, click on the 'Insert' button.




Once the table is added, it will be inserted into the canvas, like the figure to the right. You can click on any of the corners to increase/decrease the size of the table.

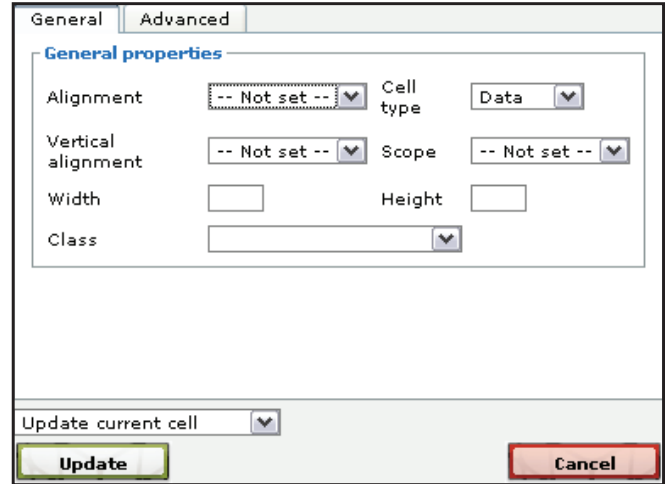



The  button brings up the settings for the rows of the table. You may change the row in the table part to 'Table Body', 'Table Head' or 'Table Foot'. You may change the alignment to 'Left', 'Right', or 'Center' which will change where the text/object is aligned horizontally within the row. You may change the vertical alignment to 'Top', 'Bottom', or 'Center' which will change where the text/object is aligned vertically within the row. You can assign it to a style class, and change the height. Lastly, you can commit these changes to the 'Current Row' (where your cursor currently resides inside the table) the 'Odd Rows', 'Even Rows', and 'All Rows'. For more advanced options, click on the 'Advanced' tab. When you are done adjusting the table settings, click on the 'Update' button.





EXHIBIO MANAGER

The  button brings up the settings for the cells in the table. Here you can change the alignment, vertical alignment, cell type, scope, width, height, and assign it to a style class. For more advanced options, click on the 'Advanced' tab. Then choose whether you want to update the 'current Cell', 'all cells in row', or 'all cells in table'. When you are done adjusting the settings, click on the 'Update' button.




The  button will insert a row above the currently selected cell.

The  button will insert a row below the currently selected cell.

The  button will delete the row in which the currently selected cell exists.

The  button will insert a column to the left of the currently selected cell.


The  button will insert a column to the right of the currently selected cell.

The  button will delete the column in which the currently selected cell exists.

The  button will split apart merged cells.


The  button will merge selected cells together.

K. Layers

The  will insert a layer into the canvas, like the image shown to the right. This is a free moving layer, and uses absolute positioning. You may drag this layer anywhere on the canvas. Once you have positioned your layer, you may add content into it. Also, you may put a layer on top of a layer. So if you would like to put text in front of a picture, just place a layer on top of the picture, and type the text.




The  button will bring the layer to the front.


The  button will send the layer to the back.

L. Absolute Positioning, Links, Breaks, Symbols

The  button will toggle absolute positioning on or off.

The  button will add a link to a selected object. Click on the object you wish to make a link, and a pop-up window will appear. Type in the URL, and leave the Target set to 'Open link in the same window'. You may enter a title and a class. Then click on the 'Update' button.

The  button will insert a horizontal rule in the canvas.



The  button will insert a symbol into the canvas. When this button is selected, a pop-up window will appear with a table of symbols. Select the symbol you would like to use, and it will be dropped into the canvas.

Select custom character



The  button will insert a non-line breaking space into the canvas.




M. Guidelines / Visual Controls

The  button will toggle the guidelines and invisible elements on or off.
The  button will toggle the visual control characters on or off.

N. Adding Multimedia



Adding Images/Audio Clips

Click the  or  button.
Click Browse to find your file, and then click the upload button. Once added to the Repository below, click on the  button to add the file to the page.

Images

Upload An Image to The Image Repository

Step 1 - Find the Image on your local hard drive:

Step 2 - Upload the Image to the server:

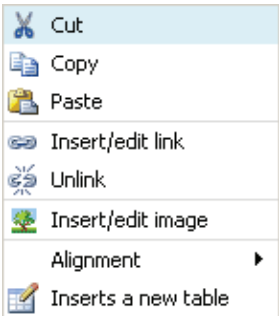
Image Repository

Click on the name of the image below to preview it. Click on the 'plus sign' next to the image to add it to your page. Click on the 'x' to delete the image from this window.

\$275	content_2_75.png		
\$325	content_3_25.png		
\$250	content_3_50.png		

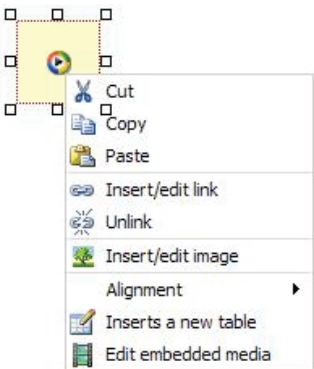
Image File Advanced Options

To access more advanced options of the Image File, right-click on the Image while it's in the page. Here, you can 'Cut', 'Copy', 'Paste', 'Insert/edit link', 'Unlink', and pull up advanced image properties.



Sound File Advanced Options

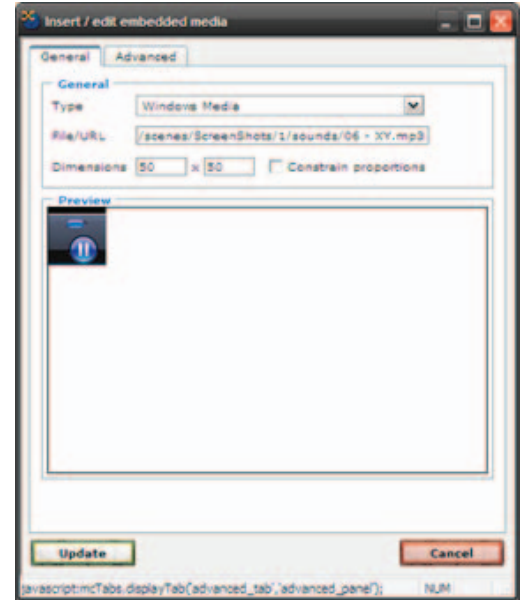
To access more advanced options of the Flash File, right-click on it while it's in the page. Here, you may cut, copy, and paste the file. Also, you may change the alignment of the file, or edit embedded media (covered in the next screenshot).



EXHIBIO MANAGER

In this window, you can preview the audio file, change the file type, change the URL of the file, and edit the dimensions.

Click on 'Advanced' for more options.




In this window, you set the file to auto start, show the menu, invoke URLs, stretch to fit, enable or disable the file, set for full screen, mute, or use a windowless video. Also, you may change audio options such as the balance, captioning id, current position, play count, UI mode, base URL, current market, default frame, rate, and volume.



Adding Movies/Flash Animations

Click the  or  button.

Click Browse to find your file, and then click the upload button. Once added to the Repository below, add a width and height, and then click on the  button to add the file to the page.

Movies

Upload A New Movie to the Movie Repository

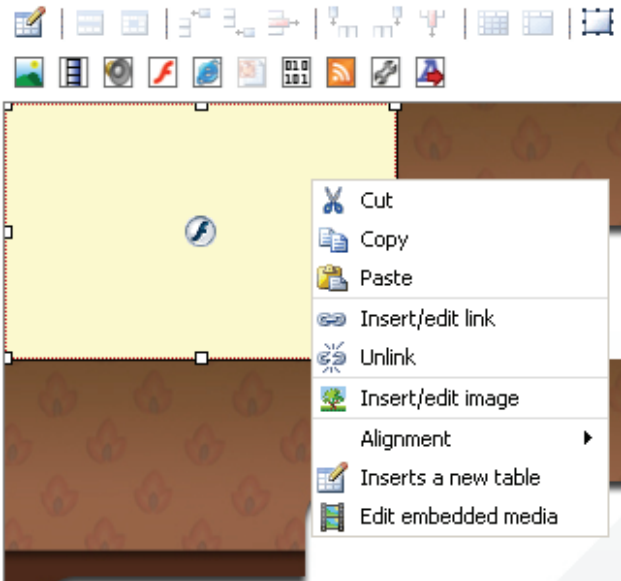
Step 1 - Find the Movie on your local hard drive:

Step 2 - Upload the Movie to the server:

Movie Repository

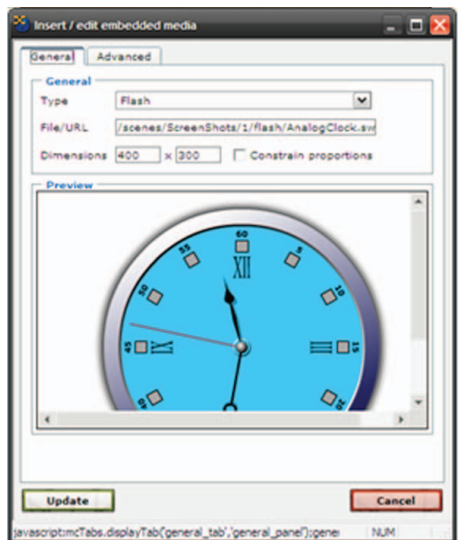
Click on the name of the movie below to preview it. Click on the 'plus sign' next to the movie to add it to your page. Click on the 'x' to delete the movie from this window.

To access more advanced options of the Flash File, right-click on the Flash File while it's in the page. Here, you may cut, copy, and paste the file. Also, you may change the alignment of the file, or select 'Edit embedded media' (covered in the next screenshot).



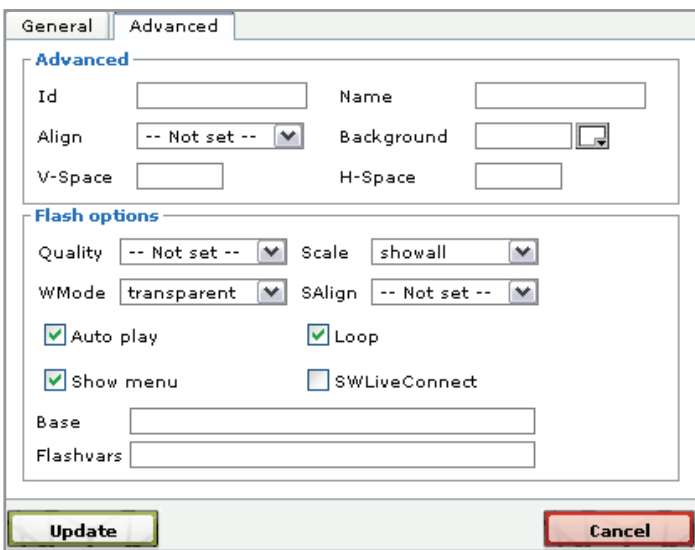
In this window, you can preview the file, change the file type, change the URL of the file, and edit the dimensions.

Click on 'Advanced' for more options.





Flash File Advanced Options

In this window, you can set the file to Auto Play, loop, show the menu, and enable SWLiveConnect.




Adding a Web Page

1. Click on the  button.
2. Type the URL of the web page you would like to add in the text field.
3. Enter the width and height that you want the web page to display at on the page.
4. When you are ready to add it to the page, click on the  button.



Web Page

Add Web Page To Your Page

Type the URL of the web page you would like to add below. Click on the 'plus sign' to add the web page to your page.

URL: Width: px Height: px 

Adding PowerPoint

1. To add a PowerPoint file, click on the  button.
2. Click the 'Browse' button to find the file you want to upload. When you have located the file, click on the file to select it, and press the 'Open' button to add it the upload queue.
3. Click the 'Upload Presentation' button to upload the file.
4. After the file is uploaded, you will see it appear in the PowerPoint repository. To add it to the page, click on the  button.

Powerpoint


Upload A New Powerpoint Presentation to the Powerpoint Repository

Step 1 - Find the Powerpoint Presentation on your local hard drive:

Step 2 - Upload the Powerpoint Presentation to the server:

Powerpoint Repository


Click on the name of the Powerpoint Presentation below to preview it. Click on the 'plus sign' next to the Powerpoint Presentation to add it to your page. Click on the 'x' to delete the Powerpoint Presentation from this window.

[MyPresentation.ppt](#) Width: px Height: px  

Adding Live TV, External Video, and DVD Playback

Before using Live Video, you need to setup your TV Tuner hardware (shown in the Exhibio Hardware Manual or Live Video Setup Guide) and enable Live Video in the Exhibio Setup Utility (shown at the beginning of this manual).

Note *Digital TV is only available if you have a compatible tuner device and live video decoders installed. Playback from the internal DVD player requires installing special DVD decoders (in addition to an internal DVD drive).*

To add external video, click on the  button.

Here you can select between the following video sources: Analog TV, Digital TV, Composite Video Input, S-Video Input, or Internal DVD Player.

Analog Television

- 1. Provided you've scanned for channels in the Exhibio Setup Wizard, you can select from a drop-down of preset channels. Also, you can type in the channel number in the provided text box. Furthermore, you can adjust the Brightness, Contrast, Hue, Saturation, and Sharpness. The default set is 128 for each.
 - 2. You can change the aspect ratio to a custom configuration, or select Automatic. You can also change the overscan amount.
 - 3. Change the volume on the bar. Zero (all the way to the right) is the loudest, and scrolling it to your left will reduce the volume. You can also mute the Audio and enable Closed Captioning.
 - 4. Change the width and height of the video's display area within the page.
 - 5. If you plan on having a mouse normally plugged into your Exhibio, you can opt to show a toolbar on the TV for direct control of the channel.
- Also, you can allow a contextual menu, where you can right-click on the TV feed (only visible on the digital sign) and change all of the attributes discussed above.

Live Video

Add Live Video To Your Page

Fill out the fields below and click the 'Add Live Video' button to add a live video window to your page.

Video Source Attributes

Source: Analog Television	Brightness: 128
Preset: - Please Choose -	Contrast: 128
Channel Number: <input type="text"/>	Hue: 128
Country: United States	Saturation: 128
Broadcast/Cable: Antenna	Sharpness: 128

Aspect Ratio Attributes

Keep Aspect Ratio

Manual Ratio: x

Automatic Ratio

Overscan Amount: px

Audio Attributes

Volume: 0

Mute Audio

Enable Closed Captioning

Video Size

Video Width: px

Video Height: px

Other Attributes

Toolbar Position: No Toolbar

Enable Contextual Menu

Note: Only one live video window can be displayed on the sign at one time.

Digital Television

1. Provided you've scanned for channels in the Exhibio Setup Wizard, you can select from a drop-down of preset channels. Also, you can type in the channel numbers in the provided text boxes.
2. You can change the aspect ratio to a custom configuration, or select Automatic. You can also change the overscan amount.
3. Change the volume on the bar. Zero (all the way to the right) is the loudest, and scrolling it to your left will reduce the volume. You can also mute the Audio and enable Closed Captioning.
4. Change the width and height that you would like the video to display in the page.
5. If you plan on having a mouse normally plugged into your Exhibio, you can opt to show a toolbar on the TV for direct control of the channel. Also, you can allow a contextual menu, where you can right-click on the TV feed (only visible on the digital sign) and change all of the attributes discussed above.

Composite or S-Video Input

1. Adjust the Brightness, Contrast, Hue, Saturation, and Sharpness. The default set is 128 for each.
2. You can change the aspect ratio to a custom configuration, or select Automatic. You can also change the overscan amount.
3. Change the volume on the bar. Zero (all the way to the right) is the loudest, and scrolling it to your left will reduce the volume. You can mute the Audio and enable Closed Captioning.
4. Change the width and height that you would like the video to display in the page.
5. If you plan on having a mouse normally plugged into your computer, you can opt to show a Live Video toolbar. Also, you can allow a contextual menu, where you can right-click on the Video feed (only visible on the digital sign) and change all of the attributes discussed above.

Live Video

Add Live Video To Your Page

Fill out the fields below and click the 'Add Live Video' button to add a live video window to your page.

Video Source Attributes

Source:

Preset:

Digital Channel: .

Physical Channel:

Aspect Ratio Attributes

Keep Aspect Ratio

Manual Ratio: x

Automatic Ratio

Overscan Amount: px

Audio Attributes

Volume:

Mute Audio

Enable Closed Captioning

Video Size

Video Width: px

Video Height: px

Other Attributes

Toolbar Position:

Enable Contextual Menu

Note: Only one live video window can be displayed on the sign at one time.

Live Video

Add Live Video To Your Page

Fill out the fields below and click the 'Add Live Video' button to add a live video window to your page.

Video Source Attributes

Source:

Brightness:

Contrast:

Hue:

Saturation:

Sharpness:

Aspect Ratio Attributes

Keep Aspect Ratio

Manual Ratio: x

Automatic Ratio

Overscan Amount: px

Audio Attributes

Volume:

Mute Audio

Enable Closed Captioning

Video Size

Video Width: px

Video Height: px

Other Attributes

Toolbar Position:

Enable Contextual Menu

Note: Only one live video window can be displayed on the sign at one time.

Internal DVD Player

1. Insert a DVD into the Exhibio Hardware Unit's DVD drive.
2. Enter the title and chapter that you would like the DVD playback to start at.
3. If you are planning on placing in more than one page into the pane, and would like to have the DVD start, pause, and then start again when the page comes up, check 'Restore Bookmark'.

If you are planning on displaying the DVD in the page in its entirety, then make sure you know the duration of the DVD, and change the page duration to match it.

Live Video

Add Live Video To Your Page

Fill out the fields below and click the 'Add Live Video' button to add a live video window to your page.

Video Source Attributes

Source:

DVD Title:

DVD Chapter:

Restore Bookmark

Audio Attributes

Volume:

Mute Audio

Enable Closed Captioning

Video Size

Video Width: px

Video Height: px

Note: Only one live video window can be displayed on the sign at one time.

Adding RS232 Commands

1. To add an RS232 Command, you can use one of the commands in the 'Preset' drop-down menu.
2. Alternately you can create your own command from scratch. First give the new command a description. Then fill in the form with each attribute of the command. Click on 'Test Command' to see if it works on your display(s).
3. Click on the 'Add Command' button to add it to the page.
4. Each time this page is displayed on the sign, it will run this RS232 command.

RS232 Control

Add RS232 Control Command To Your Page

Fill out the fields below and click the 'Add Command' button to add an RS232 command to your page.

Preset:

Description:

Port Name:

Command Type: Hex Codes ASCII

Command Text:


Baud Rate:

Parity:

Data Bits:

Stop Bits:

Adding RSS/XML Feed

1. To add an RSS feed, click on the  button.
2. Enter in a name and URL for your RSS feed. If you are looking for RSS feeds on the Internet, then you can just search the Internet for "Free RSS Feeds" or similar search terms.
3. Then select a 'Theme', and click on 'Add Feed'. If you would like to make more advanced changes to the formatting of the text, speed of scroll, formatting of the background, and what will be displayed, click on the 'Advanced...' button at the top. If you want to add the feed as it is, click on the 'Add Feed' button at the top right, and skip to step 8.

RSS Feeds

Add An RSS Feed to the RSS Feeds Repository

Enter RSS Feed Properties

RSS Feed Name

Enter a name for your RSS feed below:

RSS Feed URL

Enter the RSS Feed URL below:

Visual Theme

Choose a theme from the list below:

You can further refine the visual appearance and behavior of your RSS Feed by clicking the 'Advanced...' button.

RSS Feeds Repository

Click on the name of the RSS Feed below to preview it. Click on the 'plus sign' next to the RSS Feed to add it to your page. Click on the pencil icon to edit the RSS Feed. Click on the 'x' to delete the RSS Feed from this window.

- Here you can limit what will be displayed within the RSS feed. Place a check next to what you would like to show. Also, click on 'Show/hide properties' to change the font (family, size, color, and typeface), background color, margins, border thickness and color.
- Then, click on 'Next'.

RSS Feeds

Add An RSS Feed to the RSS Feeds Repository

< Back Next > Add Feed

Adjust text formatting

Show Channel Title [show/hide properties](#)

Channel Title Properties

Font Family: Palatino Linotype Size: 30 px
Font Color: Transparent Typeface: Bold
Background Color: Transparent Align: Center

Margin Top: 5 px Right: 5 px Bottom: 5 px Left: 5 px
Padding Top: 5 px Right: 5 px Bottom: 5 px Left: 5 px
Border Top: 0 px None Transparent
Border Right: 0 px None Transparent
Border Bottom: 0 px None Transparent
Border Left: 0 px None Transparent

Show Channel Description [show/hide properties](#)

Show Item Title [show/hide properties](#)

Show Item Date [show/hide properties](#)

Show Item Author [show/hide properties](#)

Show Item Subject [show/hide properties](#)

Show Item Description [show/hide properties](#)

- You can change the background color, cell padding, and borders. Click 'Next' for further options.

RSS Feeds

Add An RSS Feed to the RSS Feeds Repository

< Back Next > Add Feed

Adjust text formatting

Show Channel Title [show/hide properties](#)

Show Channel Description [show/hide properties](#)

Channel Description Properties

Font Family: Palatino Linotype Size: 30 px
Font Color: Black Typeface: Normal
Background Color: Transparent Align: Center

Margin Top: 0 px Right: 5 px Bottom: 35 px Left: 5 px
Padding Top: 0 px Right: 5 px Bottom: 5 px Left: 5 px
Border Top: 0 px None Transparent
Border Right: 0 px None Transparent
Border Bottom: 0 px None Transparent
Border Left: 0 px None LightSlateGray

Show Item Title [show/hide properties](#)

Show Item Date [show/hide properties](#)

Show Item Author [show/hide properties](#)

Show Item Subject [show/hide properties](#)

Show Item Description [show/hide properties](#)

- Set the feed layout to either paragraph or condensed. You can also change the speed of the scroll, when it will be updated, number of items per page, page duration, number of items, max character limit, display of images, and the presence of HTML. Then, click on the 'Add Feed' button.

RSS Feeds

Add An RSS Feed to the RSS Feeds Repository

< Back Next > Add Feed

Other Properties


Layout

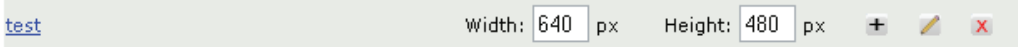
Paragraph: - Display the text in paragraph format with breaks between sections.

Condensed: - Display the text as one long line with no breaks between sections. (useful when creating text crawls and horizontally scrolling tickers)


Behavior and Limits

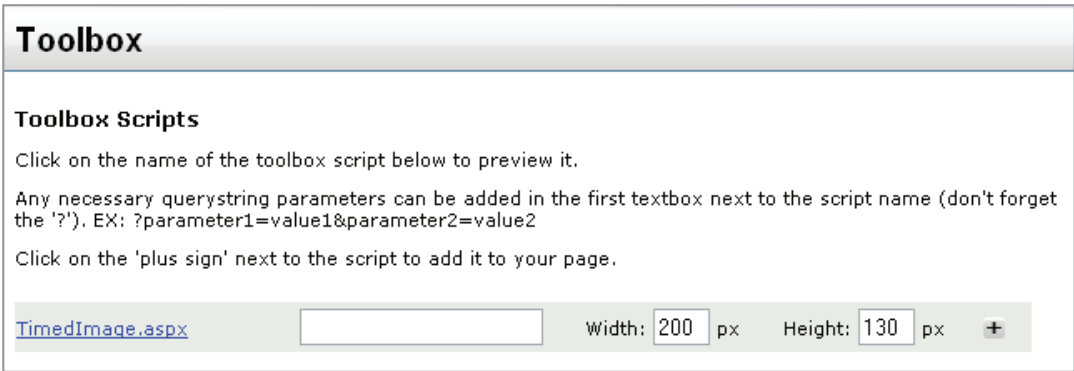
Feed Scrolling: Off On Speed: Slow Medium Fast


8. Change the feed width and height. Then click the  button to add the RSS feed to your page.





Adding Scripts

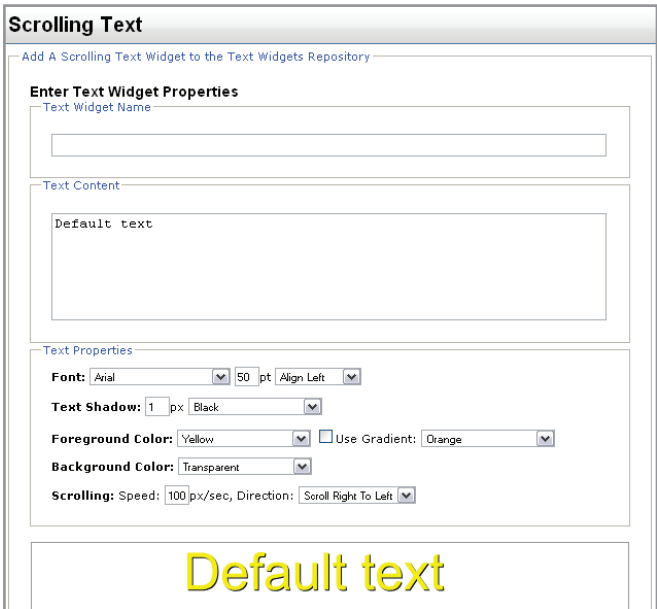
1. Before adding a script to a page, you must first have the script added to the 'Script Toolbox' in the 'Exhibio Setup Utility'. For instructions on adding scripts to the toolbox, please refer to the Platform Developers API documentation.
2. To add an existing script, click on the  button. The dialog box above will appear on your display. Add any necessary query string parameters in the textbox next to the script name (don't forget the '?'). EX: ?parameter1=value¶meter2=value2.




3. Click on the  button next to the script to add it to your page.

Adding Scrolling Text

1. To add a custom scrolling text area, click on the  button.
2. Type in a name for the text widget.
3. In the 'Text Content' area, type the text which you would like to appear in the widget.
4. Use the 'Text Properties' to change the following:
 - Font type, size, and alignment
 - Text shadow and color
 - Foreground color
 - Enable gradient
 - Background color
 - Scrolling speed (pixels per second)
 - Scrolling direction (Right to Left, Left to Right, Up or Down).
5. When complete, click on the 'Add Widget' button towards the bottom right. It will then be added to the repository.
6. Once added to the repository, input a width and height for this widget within your page. Then click on the  button.




Adding Streaming Video

1. To add streaming video, click on the  button. A new window, "Streaming Video Window," will open.
2. From the "Video Type" drop-down menu, select the format of streaming video you will be adding. Details for each format will be displayed below the drop-down menu when you have selected the appropriate format.
3. Enter the URL for the streaming video's location into the "URL" field.
4. Enter the desired size (in pixels) into the "Width" and "Height" fields.
5. To see how the video will be displayed, click the "Preview" button. A new window will open displaying how the streaming video will appear on the pane.
6. Once the streaming video parameters are at your desired settings, click the "Add To Page" button. The video will automatically loop.

Streaming Video

Add A Streaming Video To Your Page

Select the type of video you are adding. Type the video's URL. Enter the width and height you would like it to appear at on the screen. Click the "Add To Page" button to add the video to your page.


Video Type: 
This video type allows you to play a YouTube video on the running sign.

URL:

Width: px

Height: px

Date and Time

- 1. To add the current date and/or time, click on the  button.
- 2. As you make changes to the date and time, you will see a preview of your choices at the bottom of the “Date and Time” window.
- 3. Select the format for how you want the date and time to appear from the drop down menus under “Date Time Formatting.”
- 4. Select how you would like the date and time text to appear from the drop down menus under “Text Properties.”
- 5. To change the size of how the date and time will be displayed, enter the dimensions (in pixels) under “Dimensions.”
- 6. Once the date and time options are correct, click the “Add Widget” button in the lower right hand corner of the “Date and Time” window.

Date and Time

▼ Add an Auto-Updating Date Time Widget to Your Page

Date Time Formatting

Show and .

Text Properties

Font: pt

Foreground Color:

Background Color:

Dimensions

Width: px Height: px

Friday May 27, 2011
3:31:40 PM

Add Widget

EXHIBIO MANAGER

Canvas Editing

The Canvas is embedded with many right-click features, making editing or changing properties quick and easy.

Canvas Options

If you right-click anywhere on the canvas, you will receive the following contextual menu. From here, you can 'Cut', 'Copy', 'Paste', and 'Insert a new table'.

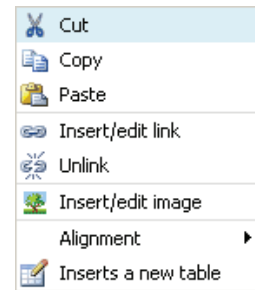
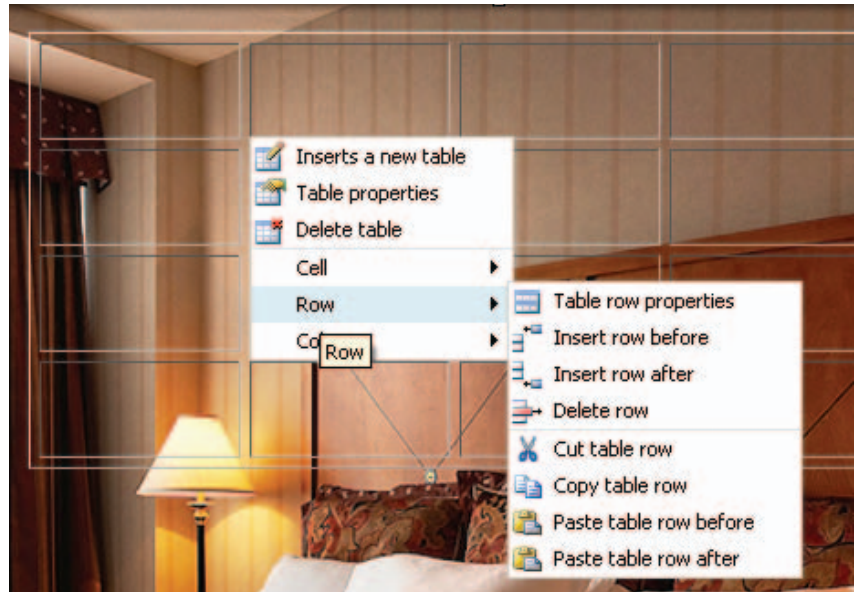


Table Options

If you right-click anywhere on a table, you will receive the following contextual menu. From here, you can 'Cut', 'Copy', 'Paste', 'Cut table row', 'Copy Table Row', 'Paste table row before', 'Paste table row after', 'Insert a new table', adjust 'Table Properties', adjust 'Table cell properties', 'Delete table', adjust 'Table row properties', 'Insert row before', 'Insert row after', 'Delete row', 'Insert column before', 'Insert column after', 'Remove column', 'Split merged table cells', and 'Merge table cells.' Every attribute of editing the table properties may be managed by right-clicking right on the table.



Switch to Different Scene

To quickly switch to a different scene from the Page Editor, do the following:

1. Save the page you are currently working on.
2. Click on the underlined scene name at the upper left corner.
3. Select the scene you wish to switch to.



Switch to Different Pane

To quickly switch to a different pane in the same scene from the Page Editor, do the following:

1. Save the page you are currently working on.
2. Click on the underlined Pane name at the upper left corner.
3. Select the pane you wish to switch to.



SCHEDULE

The Schedule shows the days of the week and will automatically open to the current week. All scenes scheduled to play on this Smart Terminal for the current week are shown. The schedule can be modified by logging into the Enterprise Server. For instructions on this process, please consult your Enterprise Server Software User Manual.

The screenshot shows the "SCHEDULE SCENE PLAYBACK" interface. At the top, it says "SCHEDULE SCENE PLAYBACK". Below this is a navigation bar with "today" and a calendar icon, and a date range "Mon 6/21/2010 - Sun 6/27/2010". There are also buttons for "Day", "Week", "Month", and "Timeline". Below the navigation bar is a grid showing the schedule for each day of the week. The grid has columns for Monday (6/21/2010), Tuesday (6/22/2010), Wednesday (6/23/2010), Thursday (6/24/2010), Friday (6/25/2010), Saturday (6/26/2010), and Sunday (6/27/2010). The rows represent different scenes and their scheduled times. The scenes are: Lars (7:00 AM), Jason2 (9:00 AM), Jeremiah (4:30 PM), Schierst1 (7:00 AM), Jason (9:00 AM), cpanorama (4:30 PM), and Tori (8:00 AM and 4:30 PM). The scenes are color-coded: Lars is blue, Jason2 and Jeremiah are orange, Schierst1 and Jason are blue, cpanorama is orange, and Tori is blue.

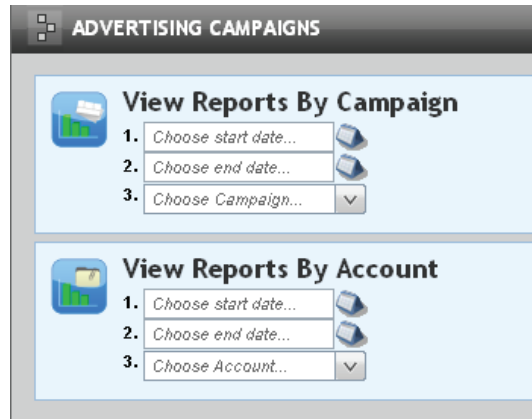
Monday 6/21/2010	Tuesday 6/22/2010	Wednesday 6/23/2010	Thursday 6/24/2010	Friday 6/25/2010	Saturday 6/26/2010	Sunday 6/27/2010
7:00 AM - Lars	7:00 AM - Lars	7:00 AM - Lars	7:00 AM - Schierst1	7:00 AM - Schierst1	8:00 AM - Tori	4:30 PM - Tori
4:30 PM - Tori	9:00 AM - Jason2	8:00 AM - gtartick2	9:00 AM - Jason	4:30 PM - cpanorama	4:30 PM - cpanorama	
	4:30 PM - Jeremiah	4:30 PM - Jeremiah	4:30 PM - cpanorama			

ADVERTISING CAMPAIGNS

ADVERTISING CAMPAIGNS

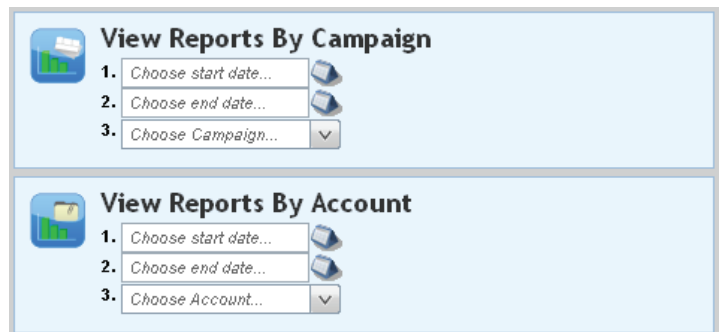
An Exhibio Advertising Campaign involves the creation and coordination of a series of advertisements around a particular theme to promote a product or service. The Enterprise Manager allows you to create advertising campaigns that can be associated with any page that plays on a Smart Terminal.

These pages can serve as vehicles for delivering dynamic and easily created advertising content. The Smart Terminal's Advertising Campaign functionality is limited to reports. To manage campaigns, please consult your Enterprise Server Software User's Manual.



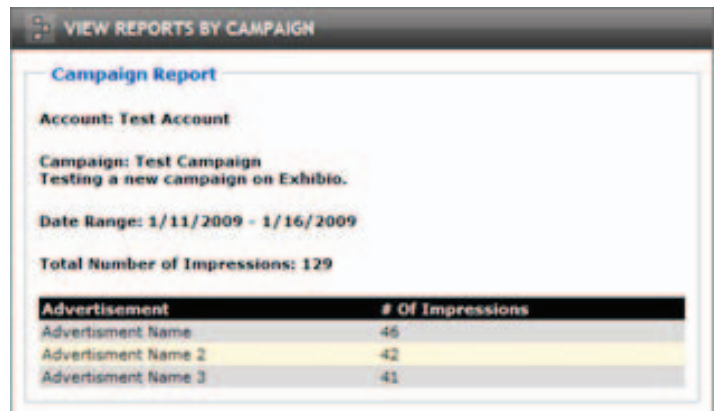
View Campaign Reports

With the Exhibio Campaign Reports, you can review reports by campaign or by account. Also, you can export the full log files as a comma separated value (.csv) file and open them directly into Microsoft Excel.



View Reports by Campaign

1. Click on 'Advertising Campaigns' in the main menu.
2. Under 'View Reports By Campaign', input a start date and end date of which you would like to report.
3. Click on the drop-down menu labeled 'Choose Campaign' and select the campaign to generate the report.
4. Here it will show you the number of impressions that campaign made. If you require a log file, click on the 'Log Files' button which will show a list of log files compatible with Microsoft Excel.



View Reports by Account

1. Click on 'Advertising Campaigns' in the main menu.
2. Under 'View Reports By Account', input a start date and end date of which you would like to report.
3. Click on the drop-down menu labeled 'Choose Account' and select the account to generate the report.
4. This will show you the number of impressions for each advertisement listed under the account. If you require a log file, click on the [Log Files](#) button, which will show a list of log files compatible with Microsoft Excel.



USERS


The Exhibio Smart Terminal may include any number of authorized users who have access to parts or all of the system. Each user has an individual username and password as well as up to five permissions, which define what actions they can take.

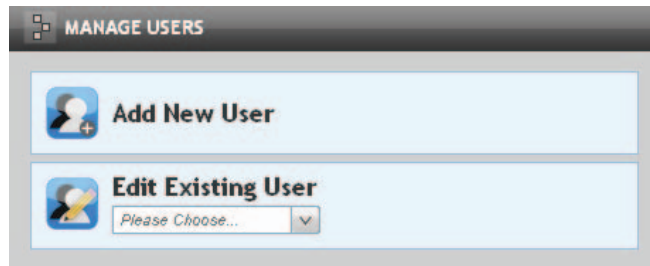
User Permissions

Listed Permission	Allowed Functionality
Manage Users	Add, edit, and delete users and modify their roles
Manage Schedule	View the schedule
View Campaign Reports	View reports generated by the Exhibio Campaign Recorder
Start/Stop Sign	Start and stop playing content on the connected displays
View System Information	View system screenshots, error logs, and product information

User Management

Adding a New User

1. Click the 'Users' link in the main menu.
2. Click the 'Add New User' link or its associated icon.
3. Complete all required fields in the 'Account Information', 'Personal Information', and 'Permissions' field sets.
4. Click the  button.




The screenshot shows a form titled 'ADD NEW USER'. It is divided into three sections:

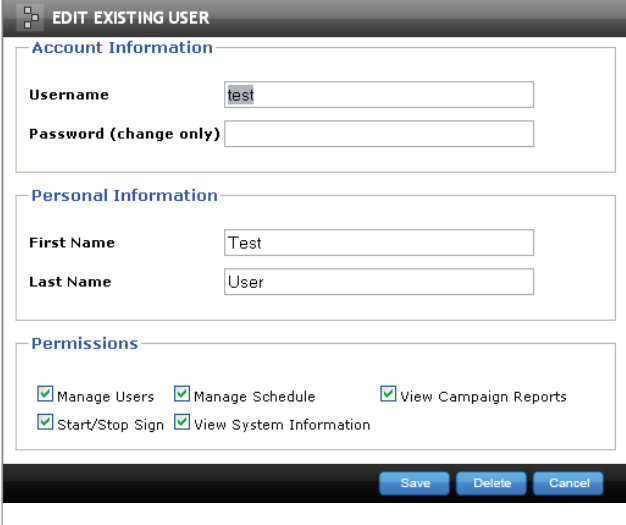
- Account Information:** Contains two text input fields labeled 'Username' and 'Password'.
- Personal Information:** Contains two text input fields labeled 'First Name' and 'Last Name'.
- Permissions:** Contains five checkboxes: 'Manage Users', 'Manage Schedule', 'View Campaign Reports', 'Start/Stop Sign', and 'View System Information'.

 At the bottom right of the form are two buttons: 'Save' and 'Cancel'.

USERS

Edit an Existing User

1. Click the 'Users' link in the main menu.
2. Under 'Edit Existing User' click the drop-down box, and select the user you wish to edit.
3. Edit all necessary fields in the 'Account Information', 'Personal Information', or 'Permissions' field sets.
4. Click the  button.



EDIT EXISTING USER

Account Information

Username

Password (change only)

Personal Information

First Name


Last Name

Permissions

Manage Users Manage Schedule View Campaign Reports

Start/Stop Sign View System Information

Delete an Existing User

1. Click the 'Users' link in the main menu.
2. Under 'Edit Existing User' click the drop-down box, and select the user you wish to delete.
3. Click the  button at the bottom of the screen. All information regarding this user will be removed from the system.

SYSTEM INFORMATION

System Information reports critical information from the Exhibio unit back to the Exhibio Software for viewing. The following information is reported:

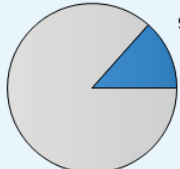
- Sign Name Name given to the Exhibio unit during initial setup.
- Disk Drives Integrated Exhibio Hard Drive for storing content locally. If you've added a USB drive, it will be reported as well. This area reports free space and used space.
- Display Resolution Reports the specified height and width of the video resolution.
- Product Code Displays the product name of the device.
- Serial Number Displays the serial number of the device.
- Statistics Reports number of Scenes, Users and Campaigns on the Exhibio system.
- Service Status Reports the activity of the Exhibio Scheduler Service and Exhibio Monitor.
- System Screenshot Displays a recent screenshot of what is showing on your display. If an image of the desktop appears, then the sign is currently stopped.
- Live Video Reports the activity of the Live Video Input, and the availability of the DVD Decoder and WMR9.
- Serial Ports Displays the COM port associated with the serial port.
- System Error Logs Displays a list of errors that have occurred on the system, along with date and time. Click the error to view more details.
- ST Sync Error Logs Displays a list of errors that occurred when the ST tried to connect to the Enterprise Server. Click each error's name to see the full error message.

SYSTEM INFORMATION

Sign Name
Exhibio

Disk Drives

C:\ (EXHIBIO) - Capacity: 71.03 GB

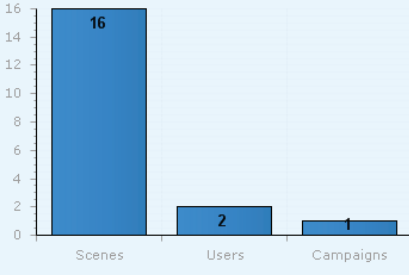


9.55 GB Used
61.48 GB Free

Display Resolution
1360 pixels wide by 768 pixels high

Product Code
XSeriesStandalone

Statistics



Category	Count
Scenes	16
Users	2
Campaigns	1

Service Status
Exhibio Scheduler Service: **RUNNING**
Exhibio Monitor: **RUNNING**

System Error Logs		
Name	Size	Modified
error.log20100303	555 B	3/3/2010 11:32 AM
error.log20100414	2.74 KB	4/14/2010 2:54 PM

ST Sync Error Logs		
Name	Size	Modified
error.log	633 B	6/21/2010 8:46 AM
error.log20091228	839 B	12/28/2009 11:12 AM
error.log20100105	1.64 KB	1/5/2010 9:34 AM
error.log20100106	1.63 KB	1/6/2010 8:34 PM
error.log20100107	2.71 KB	1/7/2010 2:58 PM
error.log20100112	126 B	1/12/2010 11:05 PM

UPDATE EXHIBIO

UPDATE EXHIBIO

It is recommended that you check your system for updates every 4 months. Exhibio, LLC generally releases small updates to keep your system up to date. There is an update utility directly on the Exhibio Desktop which facilitates installing all major and minor updates.

1. Plug a keyboard and mouse directly into the Exhibio System.
2. Stop the current sign display by pressing the 'Esc' key.
3. Click on the 'Update' button found on the Exhibio Desktop.
4. Log into the Exhibio Update Utility with the Exhibio Administrator Password.

5. Click on 'Find Updates' and allow some time for the system to check for updates. If there is an update available, it will show up in the white area. Check the update, and click on 'Install Checked'. If there are no updates, then click on Finished.

If you were sent an update file from Exhibio, LLC you may add it manually with the 'Add Files...' button. Select that button, locate the update file, and click 'Open.' The Exhibio System will then update itself.

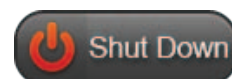
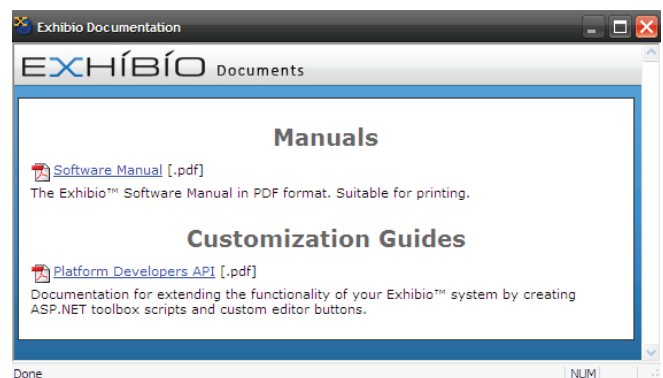
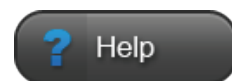
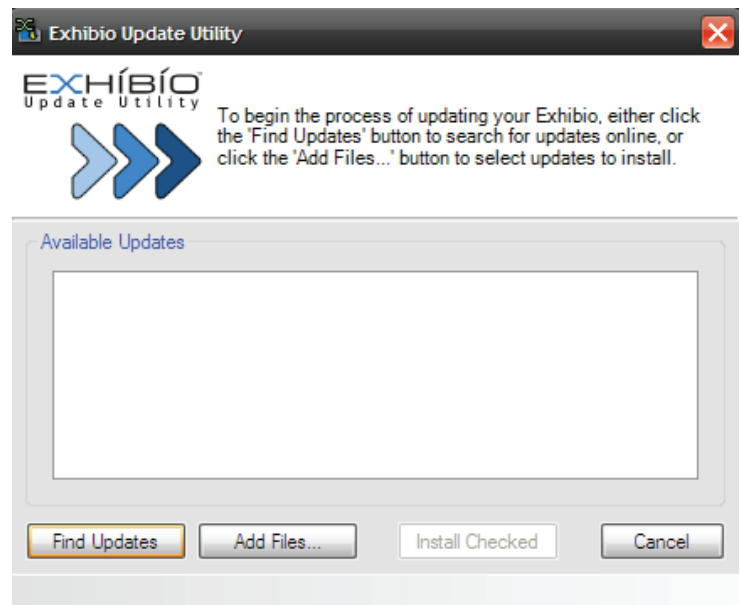
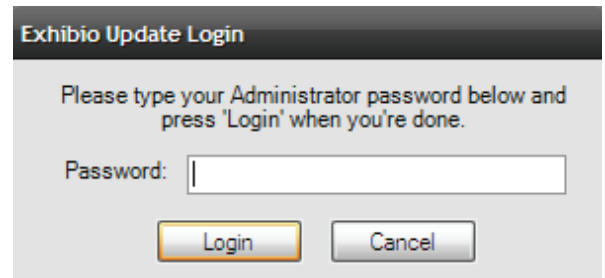
EXHIBIO HELP

All Exhibio system documentation is available right from the Exhibio Desktop. Here are the steps to access all manuals.

1. Click on the 'Help' button found on the Exhibio Desktop.
2. Then click on the manual or guide you would like to review.

SHUT DOWN OR RESTART EXHIBIO

1. Click on the 'Shut Down' button found on the Exhibio Desktop.
2. Then click on 'Shut Down' or 'Restart' on the dialog box. Click on 'Cancel' if you wish to close this dialog box.



APPENDIX A. END USER LICENSE AGREEMENT

**Exhibio LLC
Digital Signage Appliance
End User License Agreement**

YOU SHOULD CAREFULLY READ THE FOLLOWING AGREEMENT BEFORE USING THIS DIGITAL SIGNAGE APPLIANCE SOFTWARE (“EXHIBIO™ SOFTWARE”) AND ITS RELATED MATERIALS INCLUDING THE ACCOMPANYING MICROPROCESSOR. USING THE EXHIBIO™ SOFTWARE INDICATES YOUR ACCEPTANCE OF THIS AGREEMENT. IF YOU DO NOT AGREE WITH IT, YOU ARE NOT AUTHORIZED TO USE THE EXHIBIO™ SOFTWARE AND MUST UNINSTALL IT.

IMPORTANT-READ CAREFULLY: This End-User License Agreement (“EULA”) is a legal agreement between you and Exhibio LLC (“EXHIBIO”), the licensor of the EXHIBIO™ SOFTWARE. This EULA covers the EXHIBIO™ SOFTWARE. The EXHIBIO™ SOFTWARE includes computer software, whether stored on any media or downloaded from the designated site of EXHIBIO for EXHIBIO™ SOFTWARE users – www.exhibio.com (“EXHIBIO Site”), the associated media, any printed materials, and any “on-line” or electronic documentation and all updates and upgrades thereto. You may install and use the EXHIBIO™ SOFTWARE only on the EXHIBIO microprocessor (“EXHIBIO Microprocessor”). By installing, copying or otherwise using the EXHIBIO™ SOFTWARE, you agree to be bound by the terms of this EULA. If you do not agree to the terms of this EULA, EXHIBIO is unwilling to license the EXHIBIO™ SOFTWARE to you. In such event, you should not use or copy the EXHIBIO™ SOFTWARE. By selecting the “AGREE” button and using the EXHIBIO™ SOFTWARE and the EXHIBIO microprocessor, you represent that you are an authorized user and you agree to be bound by the terms of this EULA.

EXHIBIO SOFTWARE LICENSE

The EXHIBIO™ SOFTWARE is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. The EXHIBIO™ SOFTWARE is licensed, not sold.

GRANT OF LICENSE

This License grants you the following right:

Software - You may install and use the EXHIBIO™ SOFTWARE only on a single EXHIBIO microprocessor in compliance with the terms and conditions of this EULA.

DESCRIPTION OF REQUIREMENTS, RESTRICTIONS, RIGHTS AND LIMITATIONS

Limitation on Reverse Engineering, Decompilation and Disassembly.

You may not modify, reverse engineer, decompile, disassemble or attempt to create the source code from the object code of the EXHIBIO™ SOFTWARE in whole or in part. You agree not to export the EXHIBIO™ SOFTWARE, either directly or indirectly to any country that is the subject of U.S. export restrictions.

Separation of Components

The EXHIBIO™ SOFTWARE is licensed as single product. Its component parts may not be separated for use on more than one computer, microprocessor, microcontroller, or other similar device or machine.

Rental

You may not rent or lease the EXHIBIO™ SOFTWARE.

Transfer

You may permanently transfer all of your rights under this EULA only as part of a transfer of the EXHIBIO™ SOFTWARE, provided that you transfer all of the EXHIBIO™ SOFTWARE (including all copies, component

END USER LICENSE AGREEMENT

parts, the media and printed materials, all versions and any upgrades of the EXHIBIO™ SOFTWARE and this EULA), the EXHIBIO microprocessor, and the recipient agrees to the terms of this EULA.

Termination

Without prejudice to any other rights, EXHIBIO may terminate this EULA if you fail to comply with the terms and conditions of this EULA. In such event, you must destroy all copies of the EXHIBIO™ SOFTWARE and all of its component parts.

You may terminate this EULA at any time by destroying the software and related documentation or by sending it to EXHIBIO LLC, 325 Hampton Hill Drive, Williamsville, NY 14221.

Notice and Assistance.

You agree to reasonably notify and assist EXHIBIO in case you learn of illegitimate use or any violation of the title or copyright with respect to the EXHIBIO™ SOFTWARE below. Such notice may be directed either to the Exhibio Help Desk (716-799-0410) or to the customer service link on the EXHIBIO Site.

INTELLECTUAL PROPERTY

All title and copyright in and to the EXHIBIO™ SOFTWARE (including but not limited to any images, photographs, animation, video, audio, music, text and “applets”, incorporated into the EXHIBIO™ SOFTWARE), and any copies of the EXHIBIO™ SOFTWARE, are owned by EXHIBIO or its suppliers. All rights not specifically granted under this EULA are reserved by EXHIBIO.

HIGH RISK ACTIVITIES

The EXHIBIO™ SOFTWARE is not fault-tolerant and is not designed, manufactured or intended for use or resale as on-line control equipment in hazardous environments requiring fail-safe performance, such as in the operation of nuclear facilities, aircraft navigation or communication systems, air traffic control, direct life support machines, or weapons systems, in which the failure of the EXHIBIO™ SOFTWARE could lead to death, personal injury, or severe physical or environmental damage (“High Risk Activities”). EXHIBIO and its suppliers specifically disclaim any express or implied warranty of fitness for High Risk Activities.

PRODUCT MANUALS/INSTRUCTIONAL VIDEOS

You warrant that you have read the manuals for your EXHIBIO™ SOFTWARE and EXHIBIO Microprocessor system and are familiar with their warnings and instructions. Before any installation or setup, you should carefully review all relevant product manuals. For all other questions concerning product installation and network setup, please contact Exhibio LLC by phone (716-799-0410) or by email (support@exhibio.com).

EXCLUSION OF WARRANTY ON EXHIBIO™ SOFTWARE

You expressly acknowledge and agree that use of the EXHIBIO™ SOFTWARE is at your sole risk. The EXHIBIO™ SOFTWARE is provided “AS IS” and without warranty of any kind and EXHIBIO, its vendors and EXHIBIO’s licensors (hereinafter, EXHIBIO, its vendors and EXHIBIO’s licensors shall be collectively referred to as “EXHIBIO”) EXPRESSLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. EXHIBIO DOES NOT WARRANT THAT THE FUNCTIONS CONTAINED IN THE EXHIBIO™ SOFTWARE WILL MEET YOUR REQUIREMENTS, OR THAT THE OPERATION OF THE EXHIBIO™ SOFTWARE WILL BE CORRECTED. FURTHERMORE, EXHIBIO DOES NOT WARRANT OR MAKE ANY REPRESENTATIONS REGARDING THE USE OR THE RESULTS OF THE USE OF THE EXHIBIO™ SOFTWARE IN TERMS OF ITS CORRECTNESS, ACCURACY, RELIABILITY, OR OTHERWISE. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY EXHIBIO OR A EXHIBIO AUTHORIZED REPRESENTATIVE SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.

LIMITATION OF LIABILITY

EXHIBIO SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER LEGAL THEORY RELATED TO THE EXHIBIO™ SOFTWARE AND THE EXHIBIO MICROPROCESSOR. SUCH DAMAGES INCLUDE, BUT ARE NOT LIMITED TO, LOSS OF PROFITS, LOSS OF REVENUE, LOSS OF DATA, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, DOWN TIME AND USER'S TIME, EVEN IF EXHIBIO HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

COPYRIGHT

You agree to comply with all applicable copyright protection laws in connection with your use of the EXHIBIO™ SOFTWARE and the EXHIBIO microprocessor. In addition to the terms provided in this EULA, EXHIBIO and/or its affiliates may take appropriate measures to protect copyright of the contents played by the EXHIBIO™ SOFTWARE. Exhibio LLC reserves the right to amend this EULA at its sole discretion by indicating the amendment at the EXHIBIO Site or taking other appropriate measures.

SEVERABILITY

If any part of this EULA is held invalid or unenforceable, the other parts will remain valid.

IF YOU DO NOT AGREE TO THE TERMS OF THIS EULA, YOU MUST UNINSTALL THE EXHIBIO™ SOFTWARE, TOGETHER WITH ANY SOFTWARE YOU OBTAINED FROM THE EXHIBIO WEBSITE.

Should you have any questions concerning this EULA or this limited warranty, you may contact EXHIBIO and/or its affiliates by writing to them at Exhibio LLC, 325 Hampton Hill Drive, Williamsville, NY 14221.

NETSPELL SPELL CHECKING ENGINE

BSD License

Copyright (c) 2003, Paul Welter
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1) Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2) Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3) Neither the name of the ORGANIZATION nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

END USER LICENSE AGREEMENT

NEATUPLOAD FILE UPLOAD COMPONENT

This application uses NeatUpload which is covered by the Lesser General Public License. The source code for NeatUpload is included in the following location: C:\Program Files\Exhibio\BundledSource\NeatUpload.zip.

TINYMCE WYSIWYG HTML EDITOR

This application uses TinyMCE which is covered by the Lesser General Public License. The source code for TinyMCE is included in the following location: C:\Program Files\Exhibio\ExhibioManager\tiny_mce.

RSS.NET RSS FEEDS CLASS LIBRARY

Copyright © 2002-2005 ToolButton Inc.. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MONO.DATA.SQLITECLIENT SQLITE CLASS LIBRARY

The MIT License

Copyright (c) 200x-2006 Novell & Contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN

END USER LICENSE AGREEMENT

THE SOFTWARE.

ABYSS WEB SERVER

This product/program contains a third-party software component Abyss Web Server X1 licensed from Aprelium SARL.

Abyss Web Server X1 Copyright C 2001-2008 Aprelium SARL.

Abyss Web Server X1 use is covered by its end-user license agreement available in <http://www.aprelium.com/abyssws/license/>.

Microsoft Software License Terms for:
Windows® XP Embedded Runtime

These license terms are an agreement between you and Exhibio LLC. Please read them. They apply to the software included on this device. The software also includes any separate media on which you received the software.

The software on this device includes software licensed from Microsoft Corporation or its affiliate.

The terms also apply to any Microsoft

- 1 Updates,
- 2 Supplements,
- 3 Internet-based services, and
- 4 Support services

for this software, unless other terms accompany those items. If so, those terms apply. If you obtain updates or supplements directly from Microsoft, then Microsoft, and not Exhibio LLC, licenses those to you.

As described below, using some features also operates as your consent to the transmission of certain standard computer information for Internet-based services.

By using the software, you accept these terms. If you do not accept them, do not use or copy the software. Instead, contact Exhibio LLC to determine its return policy for a refund or credit.

If you comply with these license terms, you have the rights below.

1. Use Rights.

You may use the software on the device with which you acquired the software.

2. Additional Licensing Requirements and/or Use Rights.

a. Specific Use. Exhibio LLC designed this device for a specific use. You may only use the software for that use.

b. Other Software. You may use other programs with the software as long as the other programs

- Directly support the manufacturer's specific use for the device, or
- Provide system utilities, resource management, or anti-virus or similar protection.

Software that provides consumer or business tasks or processes may not be run on the device. This includes email, word processing, spreadsheet, database, scheduling and personal finance software. The device may use terminal services protocols to access such software running on a server.

c. Device Connections.

- You may use terminal services protocols to connect the device to another device running business task or processes software such as email, word processing, scheduling or spreadsheets.

- You may allow up to ten other devices to access the software to use

- File Services,
- Print Services,
- Internet Information Services, and
- Internet Connection Sharing and Telephony Services.

The ten connection limit applies to devices that access the software indirectly through "multiplexing" or other software or hardware that pools connections. You may use unlimited inbound connections at any time via TCP/IP.

END USER LICENSE AGREEMENT

3. **Scope of License.** The software is licensed, not sold. This agreement only gives you some rights to use the software. Exhibio LLC and Microsoft reserve all other rights. Unless applicable law gives you more rights despite this limitation, you may use the software only as expressly permitted in this agreement. In doing so, you must comply with any technical limitations in the software that allow you to use it only in certain ways. For more information, see the software documentation or contact Exhibio LLC. Except and only to the extent permitted by applicable law despite these limitations, you may not:

- Work around any technical limitations in the software;
- Reverse engineer, decompile or disassemble the software;
- Make more copies of the software than specified in this agreement;
- Publish the software for others to copy;
- Rent, lease or lend the software; or
- Use the software for commercial software hosting services.

Except as expressly provided in this agreement, rights to access the software on this device do not give you any right to implement Microsoft patents or other Microsoft intellectual property in software or devices that access this device.

You may use remote access technologies in the software such as Remote Desktop to access the software remotely from another device. You are responsible for obtaining any licenses required for use of these protocols to access other software.

- **Remote Boot Feature.** If the Exhibio LLC enabled the device Remote Boot feature of the software, you may
 - (i) use the Remote Boot Installation Service (RBIS) tool only to install one copy of the software on your server and to deploy the software on licensed devices as part of the Remote Boot process; and
 - (ii) use the Remote Boot Installation Service only for deployment of the software to devices as part of the Remote Boot process; and
 - (iii) download the software to licensed devices and use it on them.

For more information, please refer to the device documentation or contact Exhibio LLC.

- **Internet-Based Services.** Microsoft provides Internet-based services with the software. Microsoft may change or cancel them at any time.

a. **Consent for Internet-Based Services.** The software features described below connect to Microsoft or service provider computer systems over the Internet. In some cases, you will not receive a separate notice when they connect. You may switch off these features or not use them. For more information about these features, visit

<http://www.microsoft.com/windowsxp/downloads/updates/sp2/docs/privacy.msp>.

By using these features, you consent to the transmission of this information. Microsoft does not use the information to identify or contact you.

b. **Computer Information.** The following features use Internet protocols, which send to the appropriate systems computer information, such as your Internet protocol address, the type of operating system, browser and name and version of the software you are using, and the language code of the device where you installed the software. Microsoft uses this information to make the Internet-based services available to you.

- **Web Content Features.** Features in the software can retrieve related content from Microsoft and provide it to you. To provide the content, these features send to Microsoft the type of operating system, name and version of the software you are using, type of browser and language code of the device where the software was installed. Examples of these features are clip art, templates, online training, online assistance and Appshelp. These features only operate when you activate them. You may choose to switch them off or not use them.
- **Digital Certificates.** The software uses digital certificates. These digital certificates confirm the identity of Internet users sending X.509 standard encrypted information. The software retrieves certificates and updates certificate revocation lists. These security features operate only when you use the Internet.
- **Auto Root Update.** The Auto Root Update feature updates the list of trusted certificate authorities. You can switch off the Auto Root Update feature.
- **Windows Media Player.** When you use Windows Media Player, it checks with Microsoft for

END USER LICENSE AGREEMENT

- Compatible online music services in your region;
- New versions of the player; and
- Codecs if your device does not have the correct ones for playing content. You can switch off this feature. For more information, go to: <http://microsoft.com/windows/windowsmedia/mp10/privacy.aspx>.

- Windows Media Digital Rights Management. Content owners use Windows Media digital rights management technology (WMDRM) to protect their intellectual property, including copyrights. This software and third party software use WMDRM to play and copy WMDRM-protected content. If the software fails to protect the content, content owners may ask Microsoft to revoke the software's ability to use WMDRM to play or copy protected content. Revocation does not affect other content. When you download licenses for protected content, you agree that Microsoft may include a revocation list with the licenses. Content owners may require you to upgrade WMDRM to access their content. Microsoft software that includes WMDRM will ask for your consent prior to the upgrade. If you decline an upgrade, you will not be able to access content that requires the upgrade. You may switch off WMDRM features that access the Internet. When these features are off, you can still play content for which you have a valid license.

c. Misuse of Internet-based Services. You may not use these services in any way that could harm them or impair anyone else's use of them. You may not use the services to try to gain unauthorized access to any service, data, account or network by any means.

4. Windows Update Agent (also known as Software Update Services). The software on the device includes Windows Update Agent ("WUA") functionality that may enable your device to connect to and access updates ("Windows Updates") from a server installed with the required server component. Without limiting any other disclaimer in this Microsoft Software License Terms or any EULA accompanying a Windows Update, you acknowledge and agree that no warranty is provided by MS, Microsoft Corporation or their affiliates with respect to any Windows Update that you install or attempt to install on your device.

5. Product Support. Contact Exhibio LLC for support options. Refer to the support number provided with the device.

6. Backup Copy. You may make one backup copy of the software. You may use it only to reinstall the software on the device.

7. Proof Of License. If you acquired the software on the device, or on a disc or other media, a genuine Certificate of Authenticity label with a genuine copy of the software identifies licensed software. To be valid, this label must be affixed to the device, or included on or in Exhibio LLC's software packaging. If you receive the label separately, it is not valid. You should keep the label on the device or packaging to prove that you are licensed to use the software. To identify genuine Microsoft software, see <http://www.howtotell.com>.

8. Transfer to a Third Party. You may transfer the software only with the device, the Certificate of Authenticity label, and these license terms directly to a third party. Before the transfer, that party must agree that these license terms apply to the transfer and use of the software. You may not retain any copies of the software including the backup copy.

9. Not Fault Tolerant. The software is not fault tolerant. Exhibio LLC installed the software on the device and is responsible for how it operates on the device.

10. Restricted Use. The Microsoft software was designed for systems that do not require fail-safe performance. You may not use the Microsoft software in any device or system in which a malfunction of the software would result in foreseeable risk of injury or death to any person. This includes operation of nuclear facilities, aircraft navigation or communication systems and air traffic control.

11. No Warranties for the Software. The software is provided "as is". You bear all risks of using it. Microsoft gives no express warranties, guarantees or conditions. Any warranties you receive regarding the device or the software do not originate from, and are not binding on, Microsoft or its affiliates. When allowed by your local laws, Exhibio LLC and Microsoft exclude implied warranties of merchantability, fitness for a particular purpose and non-infringement.

12. Liability Limitations. You can recover from Microsoft and its affiliates only direct damages up to two hundred fifty U.S. Dollars (U.S. \$250.00). You cannot recover any other damages, including consequential, lost profits, special, indirect or incidental damages.

This limitation applies to:

END USER LICENSE AGREEMENT

- Anything related to the software, services, content (including code) on third party internet sites, or third party programs; and
- Claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law.

It also applies even if Microsoft should have been aware of the possibility of the damages. The above limitation may not apply to you because your country may not allow the exclusion or limitation of incidental, consequential or other damages.

13. Export Restrictions. The software is subject to United States export laws and regulations. You must comply with all domestic and international export laws and regulations that apply to the software. These laws include restrictions on destinations, end users and end use. For additional information, see www.microsoft.com/exporting.



Exhibio[®] Dynamic Digital Signage

Copyright © 2011, Exhibio LLC.