

# Exhibio<sup>™</sup> M-Series Software User Manual

Software Version 4.1 May 2011





Exhibio, LLC

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# Exhibio<sup>™</sup> M-Series User Manual: Version 4.1

Dear Exhibio Digital Signage Customer,

Congratulations on your new Exhibio M-Series Multimedia Player 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.exhibi                                 | o.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 1-year 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_ |  |
|----------------|--|
|----------------|--|

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# **EXHIBIO SETUP**

The 'Setup' button on the desktop will launch the 'Exhibio Setup Utility' where you may change the display resolution, manage users and passwords, 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.

|  |  | System Settings  | Preferences  |  |  |
|--|--|--|--|--|--|
| Display Resolution<br>lease choose an item from the list<br>lat is closest to your display's<br>ative resolution.<br>his selection will set the default<br>esolution of your display and will<br>utomatically configure the size of<br>our scenes.<br>you don't know the native<br>esolution of your display, consult<br>our display's owner's manual for<br>iore information. | 1280 by 960 pixels<br>1280 by 1024 pixel<br>1280 by 1024 pixel | , 32bit color, 60hz<br>, 32bit color, 60hz<br>, 32bit color, 75hz<br>, 32bit color, 75hz<br>, 32bit color, 75hz<br>, 32bit color, 85hz<br>, 32bit color, 85hz<br>, 8bit color, 100h<br>, 8 bit color, 100h<br>, 8 bit color, 120h<br>, 8 bit color, 120h<br>, 8 bit color, 60hz<br>, 8 bit color, 60hz<br>, 8 bit color, 60hz<br>, 8 bit color, 75hz<br>, 8bit color, 75hz<br>, 8bit color, 75hz<br>, 8bit color, 75hz<br>, 8bit color, 85hz<br>, 16bit color, 100<br>, 16bit color, 100<br>, 16bit color, 120<br>, 16bit color, 120<br>, 16bit color, 60h<br>, 16bit color, 60h<br>, 16bit color, 60h<br>, 16bit color, 60h | refresh, 4:3 asp<br>refresh, 4:3 asp<br>refresh, 4:3 asp<br>refresh, 4:3 asp<br>refresh, 4:3 asp<br>refresh, 5:4 asz<br>z refresh, 5:4 asz<br>z refresh, 5:4 asz<br>refresh, 5:4 asp<br>refresh, 5:4 asp<br>refresh, 5:4 asp<br>refresh, 5:4 asp<br>refresh, 5:4 asp<br>refresh, 5:4 asp<br>refresh, 5:4 asp<br>z refresh, 5:4 asp | ect ratio<br>ect ratio<br>ect ratio<br>ect ratio<br>ect ratio<br>ect ratio<br>pect ratio<br>pect ratio<br>pect ratio<br>pect ratio<br>ect ratio<br>ect ratio<br>ect ratio<br>ect ratio<br>ect ratio<br>ect ratio<br>ect ratio<br>spect ratio |  |

# **EXHIBIO SETUP**

| Isers and Passwords         | Court Double Libert & Decemenda  |   |  |
|-----------------------------|--|---|--|
| hange the Administrator and | Display Resolution Users & Passwords   | System Information System Settings Preferences  |  |
| khibio user passwords.      | Users & Passwords<br>The Exhibio operating system<br>requires that some processes be<br>run under user accounts.<br>Exhibio uses these accounts to<br>perform its basic functions.<br>Your Exhibio needs to have two<br>users in place in order to function<br>properly. | Administrator         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.         Username:       Administrator         Password:       Re-Type Password:         Exhibio User       The Exhibio User is the user that Exhibio's display system runs under "Automatic Login" isn't enabled in the Preferences, you will need to |  |
|                             | VERY IMPORTANT:<br>These are Windows user<br>accounts. DO NOT change these<br>usernames or passwords with<br>Windows' built in 'User<br>Accounts' tool. If you do, your<br>Exhibio will stop functioning!<br>Only change this information<br>with this setup utility.    | remember this info when the system boots up. Username: DEMONAME Password: Re-Type Password:  VERY IMPORTANT: You will need to remember these usernames and passwords.   |  |

# System Information

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

| 💑 Exhibio Setup Utility   | ×       |
|---|---------|
| Display Resolution Users & Passwords System Information System Settings Preferences                                 |         |
| System Information  | Refresh |
| IP Address(es):   | ^       |
| 10.0.2.195  |         |
| Sign Name:  | ≡       |
| Exhibio   |         |
| Network Information:  |         |
| Local Area Connection<br>Intel(R) PRO/1000 PL Network Connection - Packet Scheduler Miniport                        |         |
| Status:UpSpeed:100 MbpsPhysical Address:00-01-80-68-B9-3DNetwork Type:EthernetDHCP Enabled:YesAutoconfiguration:Yes | ×       |
| OK Cancel   | Apply   |

# 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'.

A section called Live Video will appear if you have installed Exhibio's Live Video Upgrade Kit.

| Exhibio Setup Utility Display Resolution Users & Passwords System Information   | System Settings Preferences  |  |  |
|---|--|--|--|
| Preferences   |  |  |  |
| Automatic Logon<br>Unchecking this will force a log in every time   | Detailed Error Messages<br>Enabling detailed error messages can be a   |  |  |
| your Exhibito is rebooted. Leave this checked to<br>ensure uninterupted display in the event of a<br>reboot.  | Enabling detailed error messages can be a<br>security risk if your Exhibio Unit is exposed to<br>the internet. Only enable this feature for<br>debugging purposes. |  |  |
| Enable Automatic Logon  | Enable Detailed Error Messages   |  |  |
| Checking this will enable Exhibio's live video integrat<br>supported TV/video capture device plugged into and i<br>to function. Consult your manual for a list of supported | nstalled on your Exhibio for this  |  |  |
| Available Fonts   | Preview Thumbnails   |  |  |
| Arial Add   | Unchecking this will disable scene and page<br>preview thumbnail images in the manager.  |  |  |
| Comic Sans MS   | Enable Preview Thumbnails  |  |  |
|   | OK Cancel Apply  |  |  |

### Enabling Live Video

**Please Note:** The Live Video Upgrade Kit must be purchased and installed to unlock this section.

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.

| Exhibio Setup Utility   | X  |  |  |
|---|--|--|--|
| Display Resolution Users & Passwords System Information   | System Settings Preferences  |  |  |
| Preferences   |  |  |  |
| Automatic Logon   | Detailed Error Messages  |  |  |
| Unchecking this will force a log in every time<br>your Exhibio is rebooted. Leave this checked to<br>ensure uninterupted display in the event of a<br>reboot. | Enabling detailed error messages can be a<br>security risk if your Exhibio Unit is exposed to<br>the internet. Only enable this feature for<br>debugging purposes. |  |  |
| Enable Automatic Logon  | Enable Detailed Error Messages   |  |  |
| Live Video Activating<br>Checking this will ena<br>supported TV/video ca<br>to function. Consult yo   | Live Video<br>Enable Live Video<br>Live Video Setup  |  |  |
| Available Fonts Arial Courier New Comic Sans MS Garamond Delete   | Preview Thumbnails<br>Unchecking this will disable scene and page<br>preview thumbnail images in the manager.<br>Image: Enable Preview Thumbnails                  |  |  |
|   | OK Cancel Apply  |  |  |

#### Analog Channels

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

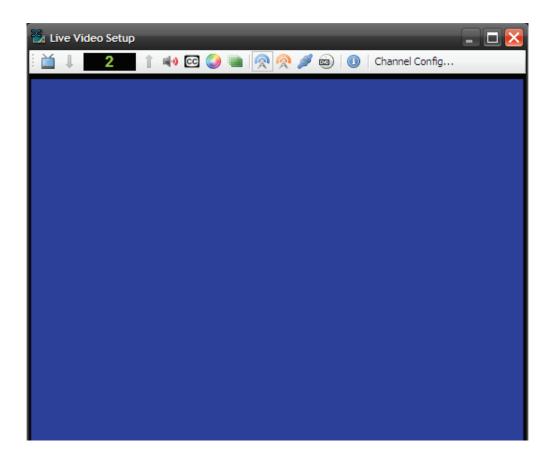
#### **Digital Channels**

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.



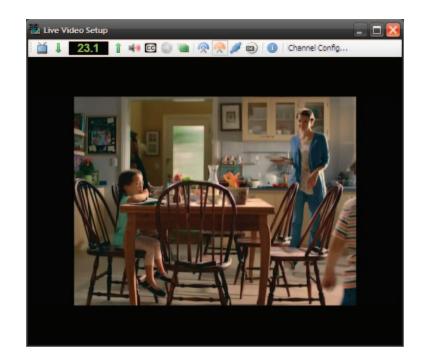
After scanning completes, a list of channels will be shown. In the background, the Live Video Setup window will be running the first channel that was found during the scan.

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'.

| Analog Channels:                      | 🔾 Add 😋 Delete 🧖 Scan                     | Antenna     United States          | • |
|---------------------------------------|---|------------------------------------|---|
| Channel                               | Tuner Input                               | Country                            |   |
|                                       |   |                                    |   |
|                                       |   |                                    |   |
|                                       |   |                                    |   |
|                                       |   |                                    |   |
|                                       |   |                                    |   |
| Digital Channels:                     | 🔿 Add 😑 Delete 🛛 👰 Scan                   |                                    |   |
| Digital Channels:<br>Name             | 🔾 Add 😑 Delete  Scan<br>  Digital Channel | Physical Channel                   |   |
|                                       | • • · · ·                                 |                                    |   |
| Name                                  | Digital Channel                           | Physical Channel                   |   |
| Name<br>WUTV-HD                       | Digital Channel<br>29.1                   | Physical Channel                   |   |
| Name<br>WUTV-HD<br>WNLO-HD            | Digital Channel<br>29.1<br>23.1           | Physical Channel<br>14<br>32       |   |
| Name<br>WUTV-HD<br>WNLO-HD<br>WGRZ-HD | Digital Channel<br>29.1<br>23.1<br>2.1    | Physical Channel<br>14<br>32<br>33 |   |

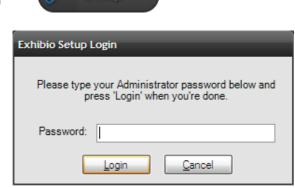


# SYSTEM SETTINGS

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

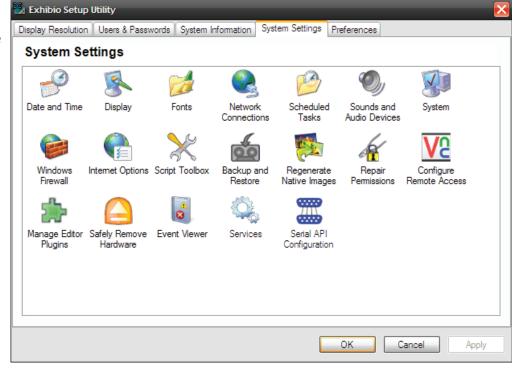
To access the 'System Settings' section, first click on the 'Setup' button on the desktop.

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



Setup

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.

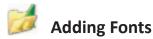


Select the date, and change to your local time. Also, you may click on the 'Time Zone' tab at the top to change time zones, and enable Daylight Savings Time. Click 'OK' when finished.

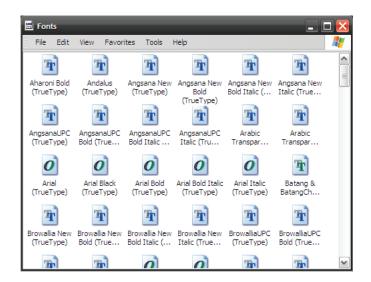
|      |       |        | _     |      |      |       | ernet T | ime  |
|------|-------|--------|-------|------|------|-------|---------|--|
| ł    | April |        | •     |      | 2010 |       | *       | and the second |
|      | s     | М      | т     | W    | т    | F     | S       |  |
| Ιſ   |       |        |       |      | 1    | 2     | 3       |  |
|      | 4     | 5      | 6     | 7    | 8    | 9     | 10      |  |
|      | 11    | 12     | 13    | 14   | 15   | 16    | 17      | l i i 🖉 🔪 di l   |
|      | 18    | 19     | 20    | 21   | 22   | 23    | 24      |  |
|      | 25    | 26     | 27    | 28   | 29   | 30    |         | 5:35:52PM  |
| Curi | rent  | t time | e zon | e: G | MT D | aylig | iht Tin | e  |
|      |       |        |       |      |      | ſ     | C       | K Cancel Apply   |

# S 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.



- 1. Click on the 'Fonts' icon in the 'System Settings' menu.
- Click on 'File' and select '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.
- Once you have added all of your fonts, click on the 'OK' button in the Exhibio Setup Utility.



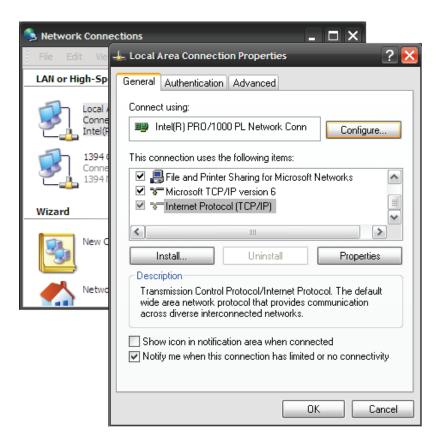


# **Network Connections**

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'.

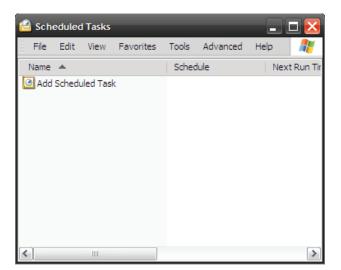
| Internet Protocol (TCP/IP) Properties              | s ? 🔀   |  |  |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|--|
| General Alternate Configuration                    |   |  |  |  |  |  |  |  |  |
|  | You can get IP settings assigned automatically if your network supports<br>this capability. Otherwise, you need to ask your network administrator for<br>the appropriate IP settings. |  |  |  |  |  |  |  |  |
| Obtain an IP address automatica                    | ally  |  |  |  |  |  |  |  |  |
| Use the following IP address: —                    |   |  |  |  |  |  |  |  |  |
| IP address:  |   |  |  |  |  |  |  |  |  |
| Subnet mask:                                       |   |  |  |  |  |  |  |  |  |
| Default gateway:                                   |   |  |  |  |  |  |  |  |  |
| <ul> <li>Obtain DNS server address auto</li> </ul> | matically   |  |  |  |  |  |  |  |  |
| OUse the following DNS server ac                   | ddresses:   |  |  |  |  |  |  |  |  |
| Preferred DNS server:                              |   |  |  |  |  |  |  |  |  |
| Alternate DNS server:                              |   |  |  |  |  |  |  |  |  |
|  | Advanced  |  |  |  |  |  |  |  |  |
|  | OK Cancel   |  |  |  |  |  |  |  |  |



# **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.

| Sounds and A | Audio Device   | s Propertie    | s          | ? 🔀      |  |  |  |  |  |
|--------------|--|----------------|------------|----------|--|--|--|--|--|
| Volume       | Sounds   | Audio          | Voice      | Hardware |  |  |  |  |  |
| O,           | Realtek HD Audio output  |                |            |          |  |  |  |  |  |
| Device v     | Device volume  |                |            |          |  |  |  |  |  |
| 0            |  |                |            | · · · ·  |  |  |  |  |  |
|              | Low  |                |            | High     |  |  |  |  |  |
|              | Mute   | ume icon in ti |            |          |  |  |  |  |  |
|              | Place voi  | ume icon in ti | ne taskbar |          |  |  |  |  |  |
|              |  |                | Adv        | anced    |  |  |  |  |  |
| Speaker      | settings   |                |            |          |  |  |  |  |  |
|              | Use the settings below to change individual speaker volume and other settings. |                |            |          |  |  |  |  |  |
|              | Spea   | ker Volume     | Adv        | anced    |  |  |  |  |  |
|              |  | OK             | Cancel     | Apply    |  |  |  |  |  |



#### 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**

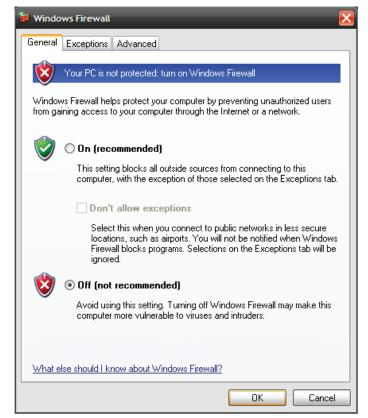
Click on the 'Windows Firewall' icon in the 'System Settings' menu.

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.

| Internet Properties   | ? 🔀               |
|---|-------------------|
| General Security Privacy Content Connections  | Programs Advanced |
| To set up an Internet connection, click Setup.  | Setup             |
| Dial-up and Virtual Private Network settings  |                   |
|   | Add               |
|   | Remove            |
|   | Settings          |
| Choose Settings if you need to configure a proxy<br>server for a connection.<br>Never dial a connection           Dial whenever a network connection is not prese | ent               |
| <ul> <li>Always dial my default connection</li> </ul>   |                   |
| Current None  | Set default       |
| Local Area Network (LAN) settings   |                   |
| LAN Settings do not apply to dial-up connections.<br>Choose Settings above for dial-up settings.  | LAN settings      |
|   | ancel Apply       |



# Script Toolbox

For information on using the 'Script Toolbox' tool, log into the Exhibio Manager and click on the Help Section in the top right hand corner. From there, click on Manuals & Guides, and then select 'Exhibio Platform Developers API'.



### **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  |  |  |
| <ul> <li>Scenes</li> <li>Schedule</li> <li>Custom Layouts</li> <li>Campaign Info</li> <li>Campaign Playbacks</li> <li>Background Images</li> <li>Sign List</li> <li>Toolbox Scripts</li> <li>License File</li> <li>Manager Users</li> </ul> | Pages and media for all scenes.<br>All scheduled scene and playlist data.<br>All custom Pane Layouts.<br>Campaign and account names and descriptions.<br>Campaign playback data.<br>Shared pane background images.<br>Sign group data.<br>All items from the toolbox folder.<br>The system license file.<br>The manager users data. |  |  |
| Backup File Name: Exhibi<br>Backup Location:  | o_Backup_04-26-10_03-01-PM.zip Browse   |  |  |
|   | Backup Cancel   |  |  |

#### **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.

| Backup and Restore    |                  |                |
|-----------------------|------------------|----------------|
| Backup Restore        |                  |                |
| Backup file:          |                  | Browse         |
| Select items to resto | ire:             |                |
| Item Name             | Item Description |                |
|                       |                  |                |
|                       |                  |                |
|                       |                  |                |
|                       |                  |                |
|                       |                  |                |
|                       |                  |                |
|                       |                  |                |
|                       |                  |                |
|                       |                  |                |
|                       |                  | Restore Cancel |



# **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.

#### 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.
- From your remote machine, go to http://[sign ip]/realvnc/vncviewer.exe to download and install the application to your desktop.

| 🔏 VNC Server Properties (Service-Mode) 🛛 🛛 🔀  |  |  |
|---|--|--|
| Basic Options<br>Configure the most common VNC Server options. Click<br>the Advanced button for more options. |  |  |
| Basic   |  |  |
| Allow VNC Viewers to connect to this server   |  |  |
| Security  |  |  |
| Authentication: Windows password 😒 Configure  |  |  |
| Encryption: Always on   |  |  |
| Prompt local user to approve connections  |  |  |
| Only prompt when there is a user logged on  |  |  |
| Start VNC server automatically with Windows   |  |  |
| Advanced OK Cancel Apply  |  |  |

- 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

| VNC Viewer : Connection Details 🛛 🛛 🔀  |                 |                             |                       |
|--|-----------------|-----------------------------|-----------------------|
| <b>VNC Viewer Enterprise Edition for Windows</b><br>See <u>http://www.realvnc.com</u> for more information on VNC. |                 |                             | Ve                    |
|  | <u>S</u> erver: | [sign ip]                   | <ul> <li>✓</li> </ul> |
| <u>A</u> bout  | Encryption:     | Let Server Choose (Default) | Close                 |

#### RealVNC Setup – Java App

- 1. Check 'Allow VNC Viewers to connect to this server' to enable VNC access.
- 2. Then select 'Advanced...'
- 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] 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

| Connection Options<br>Enable or disable VNC Server, or configure port<br>numbers and security. |  |  |
|--|--|--|
| Connections Inputs Desktop Expert  |  |  |
| Accept connections on port 5900  |  |  |
| Serve Java viewer on port 5800   |  |  |
| Security   |  |  |
| Authentication: Windows password 🔽 Configure   |  |  |
| Encryption: Always on  |  |  |
| Prompt local user to approve connections   |  |  |
| Only prompt when there is a user logged on   |  |  |
| Guest login access: None   |  |  |
| Start VNC server automatically with Windows  |  |  |
| Basic OK Cancel Apply  |  |  |



# **Manage Editor Plugins**

The plug-In manager allows you to create your own plug-in buttons within the Exhibio Manager. Your new button will be placed within the Editing Tools section of the Exhibio Manager. Below is a screenshot showing where your plug-in will be placed.



For information on using the 'Manage Editor Plugins' tool, log into the Exhibio Manager and click on the Help Section in the top-right-hand corner. From there, click on Manuals & Guides, and then select 'Exhibio Platform Developers API'.



# Safely Remove Hardware

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

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, and then click the 'Stop' button. Once it's gone from the dialogue box, click on the 'Close' button.

| Safely Remove Hardware ?  | × |  |  |
|---|---|--|--|
| Select the device you want to unplug or eject, and then click Stop. Whe<br>Windows notifies you that it is safe to do so unplug the device from your<br>computer. | n |  |  |
| Hardware devices:   |   |  |  |
| Compact Wireless-G USB Network Adapter  |   |  |  |
| Compact Wireless-G USB Network Adapter at Location 0  |   |  |  |
| Properties Stop   |   |  |  |
| Display device components   |   |  |  |
| Close   |   |  |  |



# 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.

| Serial Control API Configuration |             |  |
|----------------------------------|-------------|--|
| COM Port Settings                |             |  |
| COM Port: COM1                   | ~           |  |
|                                  | Save Cancel |  |

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              | Enter 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.

| -Step 1 - Choose Your Registration Method- |  |  |
|--|--|--|
| Register Over The Internet                 |  |  |
| O Register By Phone                        |  |  |
| Next  Cancel                               |  |  |

| PRODUCT REGISTRATION<br>tep 2 - Internet Registr |                      |
|--|----------------------|
| –Unit Serial Number—                             |                      |
| onit senarivamber                                |                      |
| YOU  | R SERIAL NUMBER      |
| –Personal Information                            |                      |
| Name   |                      |
| Email Address                                    |                      |
| Company/Organization                             |                      |
| - Contact Information -                          |                      |
| Address  |                      |
| City   |                      |
| State/Province                                   |                      |
| Zip/Postal Code                                  |                      |
| Telephone Number                                 |                      |
|  |                      |
|  | ✓ Back Next ► Cancel |

### **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.

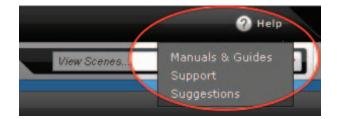
#### View

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



#### **Help Section**

The 'Help' button will bring up a small drop-down menu, as illustrated to the right. If you click on 'Manuals & Guides', you will have access to the Exhibio Software Manual, and the Platform Developers API documentation. These are in Adobe Reader Format (PDF). The 'Support' option directs you to the Exhibio Website for support and contact information. The 'Suggestions' option directs you to the Exhibio Website Suggestion area. If you have a feature suggestion for the Exhibio Digital Signage System, we would love to hear about it.



#### **Information Bar**

A yellow 'Information Bar' (pictured below) may appear at the top of your browser window with important information regarding your system. Click the 'here' link to view a drop-down of useful advice regarding the issue. To close the message, click on the red 'X' at the right of the bar.



#### Start/Stop Sign

Clicking on the 'Start/Stop Sign' button will query the sign for its status. If the sign is currently playing, you may click on 'Stop'. Alternatively, if the sign is stopped, you may click on 'Start', which will begin playing the scheduled scene.

# Create & Manage Content

Click the 'content' link in the main window.

#### Page Tools

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 sign. By default, each page created will appear in sequence on your sign.



#### Add a Page

To add a page, click the Add Page + button.

#### 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.

#### Delete a Page

To delete a page, first click the thumbnail image of the page you wish to delete. The canvas area located below will change to this page. Then click on Delete Page - and the page will be removed. This action cannot be undone.

#### **Reorder Page**

Pages will appear on a live display in the same order they appear here, with the leftmost page appearing first. To change the order in which the pages are displayed, select a page and use the arrow buttons,  $\leq$  and  $\geq$ , to change its place in the order.

#### **Campaign Settings**

The procedure for adding a Campaign and Account is shown in the 'Advertising Campaigns' section of this Software Manual.

#### 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

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  $\fbox{}$  button.

| V | ▼ Hide Page Setup                         |            |                       |  |
|---|---|------------|-----------------------|--|
|   | Text                                      | Background | Margins Page Settings |  |
|   | Font:                                     |            | Arial                 |  |
|   | Size:                                     |            | 26 pt                 |  |
|   | Color:                                    |            | Black 💌               |  |
|   | Typefa                                    | ce:        | Normal 💌              |  |
| L | Apply Changes To: Current Page  All Pages |            |                       |  |

| 🔻 Hide Page Setup    |  |
|----------------------|--|
| Text Background      | Margins Page Settings                      |
| Color:               | Black                                      |
| Image:               | cosi_right.jpg Change Remove -             |
| Vertical Position:   | Тор 💌                                      |
| Horizontal Position: | Left 💌                                     |
| Tiling:              | Tiled                                      |
| Арг                  | ly Changes To: Current Page > All Pages >> |

#### 🔻 Hide Page Setup

Upload A Background Image to The Background Image Repository

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

Step 2 - Upload the Image to the server:

Background Image Repository

Click on the name of the image below to preview it. Click on the 'plus sign' next to the image to set it as your page background. Click on the '-' to delete the image from this window.



#### Margins

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

| 🔻 Hide Pag | je Setup   |             |                  |              |
|------------|------------|-------------|------------------|--------------|
| Text       | Background | Margins     | Page Settings    |              |
| Top:       |            | 0           | рх               |              |
| Right:     |            | 0           | рх               |              |
| Botton     | 1:         | 0           | рх               |              |
| Left:      |            | 0           | рх               |              |
|            | Ар         | ply Changes | To: Current Page | All Pages •• |

#### 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.

| V | Hide Pag | je Setup   |  |
|---|----------|------------|--|
|   | Text     | Background | Margins Page Settings                  |
|   | Duratio  | on:        | 20 Seconds                             |
|   | Scroll:  |            | none                                   |
|   | Transit  | tion:      | Fade Smoothly                          |
|   | Active:  |            |  |
|   |          | Арр        | ly Changes To: Current Page  All Pages |

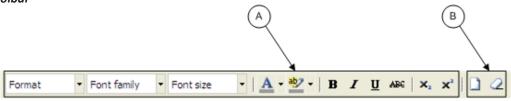
#### Applying your changes

Apply your changes to the current page or to all the pages in the pane by clicking either

#### **Editing Tools**

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

A. Font Toolbar



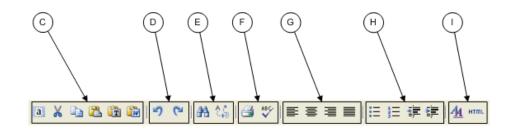
Add text by placing your cursor into the page canvas area and start typing. To format a block of text, select it and use the Font section of the 'Editing Toolbar' to change its attributes. When text is selected

for editing, the toolbar items will change to reflect its current attributes. Clicking on the divergence of 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 substantial 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 **I** 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 houtton 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 F button will indent to the left.

The 📰 button will indent to the right.

### I. CSS Styles / HTML

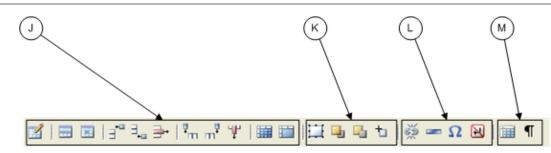
The <u>44</u> button will allow you to custom style your own CSS. You may go through the options, and setup any custom styling you like. Click the 'Apply' button to see your changes in realtime. Click the 'Update' button when you're finished.

| Text Backg  | round Block Box Border                 | r List Positioning  |
|---|--|---------------------|
| Font<br>Size<br>Style<br>Line height<br>Color<br>Decoration | underline<br>overline<br>blink<br>none | Weight Variant Case |
| Update  | Apply                                  | Cancel              |

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.

| HTML Source Editor  | 🔽 Word wrap   |
|---|---|
| <pre> </pre>  | width:  |
| <pre><div style="font-weight: bold; font-size: 40pt; left: l36px; width: 379px; cd&lt;br&gt;#785848; position: absolute; top: 64px; height: 74px; text-align: right;"><br/><sup>The</sup>Cosi Bar</div><div style="left: 35px; width: 107px; position: a&lt;br&gt;top: 180px; height: 62px;"><img 107px;="" 140px;="" absolute;="" left:="" position:="" src="/scenes/DEMO_hotel_cosi/3/images/content&lt;br&gt;/&gt;&lt;hr /&gt;&lt;/div&gt;&lt;div style=" top:<br="" width:=""/>height: 62px;"&gt;Appletini</div><div style="left: 35px; width: 107px; position:&lt;br&gt;top: 250px; height: 62px;"><img 140px;="" 226px;="" absolute;="" left:="" position:="" src="/scenes/DEMO_hotel_cosi/3/images/content&lt;br&gt;/&gt;&lt;hr /&gt;&lt;/div&gt;&lt;div style=" top:<br="" width:=""/>height: 62px;"&gt;Appletini</div><div style="left: 35px; width: 107px; position:&lt;br&gt;top: 250px; height: 62px;"><img 140px;="" 226px;="" absolute;="" left:="" position:="" src="/scenes/DEMO_hotel_cosi/3/images/content&lt;br&gt;/&gt;&lt;hr /&gt;&lt;/div&gt;&lt;div style=" top:<br="" width:=""/>height: 62px;"&gt;Assoct Martini</div><div style="left: 35px; width: 107px; position&lt;br&gt;absolute; top: 320px; height: 62px;"><img src="/scenes/DEMO_hotel_cosi/3/images/content_&lt;br&gt;/content_3_50.png"/><hr/></div><div style="left: 140px; width: 226px; position:&lt;br&gt;absolute; top: 320px; height: 62px;">Imports<br/>/div&gt;<div style="left: 35px; width: 226px; position:&lt;br&gt;absolute; top: 320px; height: 62px;">Imports<br/>//div&gt;<div style="left: 140px; width: 226px; position:&lt;br&gt;absolute; top: 390px; height: 62px;"><img src="/scenes/DEMO_hotel_cosi/3/images/content_3_50.png"/><hr/><br/>//3/images/content_2_75.png" /&gt;<hr/><br/>//3/images/content_2_75.png" /&gt;<hr/><hr/><hr/><br/>//3/images/content_2_75.png" /&gt;<hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr <hr=""/><hr <="" <hr="" td=""/><td>absolute;<br/>t_3_50.png"<br/>: 180px;<br/>: absolute;<br/>t_3_25.png"<br/>: 250px;<br/>tion:<br/>ges<br/>tion:<br/>dth: 107px;<br/>cosi<br/>6px;<br/>t: 38px;<br/>in:</td></div></div></div></pre> | absolute;<br>t_3_50.png"<br>: 180px;<br>: absolute;<br>t_3_25.png"<br>: 250px;<br>tion:<br>ges<br>tion:<br>dth: 107px;<br>cosi<br>6px;<br>t: 38px;<br>in: |
| Update  | Cancel  |

# **EXHIBIO MANAGER**



#### J. Tables

The swill 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.

| General prope | rties2    | Rows        |        |
|---------------|-----------|-------------|--------|
| Cols          | 2         | Rows        |        |
|               |           | NOWS        | 2      |
| Cellpadding   |           | Cellspacing |        |
| Alignment     | Not set 💌 | Border      | 0      |
| Width         |           | Height      |        |
| Class         |           | •           |        |
| Table caption |           |             |        |
|               |           |             |        |
|               |           |             |        |
|               |           |             |        |
|               |           |             |        |
| Insert        |           |             | Cancel |

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.

| General Advanced     |            |
|----------------------|------------|
| General properties — |            |
| Row in table part    | Table Body |
| Alignment            | Not set 💌  |
| Vertical alignment   | Not set 💉  |
| Class                | ×          |
| Height               |            |
|                      |            |
|                      |            |
|                      |            |
| Update current row   | ×          |
| Update               | Cancel     |

# **EXHIBIO MANAGER**

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

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

The  $rac{1}{2}$  button will delete the column in which the currently selected cell exists.

The **iiii** button will split apart merged cells.

The important 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.

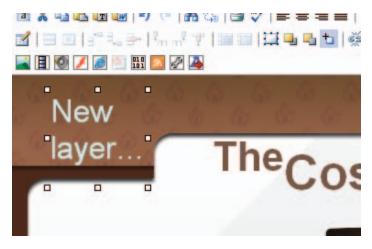
# L. Absolute Positioning, Links, Breaks, Symbols

The <sup>t</sup> 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  $\square$  button will insert a symbol into the canvas. When this button is selected, a pop-up window will appear with a

| General Advan         | ced              |              |           |
|-----------------------|------------------|--------------|-----------|
| General properti      | es               |              |           |
| Alignment             | Not set <b>v</b> | Cell<br>type | Data 💌    |
| Vertical<br>alignment | Not set 💌        | Scope        | Not set 💌 |
| Width                 |                  | Height       |           |
| Class                 |                  | <b>v</b>     |           |
|                       |                  |              |           |
|                       |                  |              |           |
|                       |                  |              |           |
| Update current cell   | V                |              |           |
| Update                |                  |              | Cancel    |



#### Select custom character

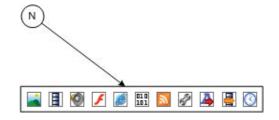
|   | 8            | " | ¢ | €     | £         | ¥  | © | ® | тм            | ‰ | μ | • | • |     | 1   | "  | § | ٩ | в |          |
|---|--------------|---|---|-------|-----------|----|---|---|---------------|---|---|---|---|-----|-----|----|---|---|---|----------|
| < | >            | « | 2 |       | , include | "  | ~ | , | "             | < | > | ≤ | ≥ | -   | —   | -  | - | × | + | L +      |
|   | i            | ż |   | ent s | -<br>U    | -  | ± | ÷ | 7             | × | 1 | 2 | з | 1⁄4 | 1/2 | ∛4 | £ | Ţ | Σ | <b>C</b> |
| ~ | $\checkmark$ | × | ŧ | ≡     | П         | -  | Π | 9 | 1             |   | а | 0 | † | ‡   | À   | Á  | Â | Ã | Ä |          |
| Å | Æ            | Ç | È | É     | Ê         | Ë  | Ì | Í | Î             | Ï | Ð | Ñ | Ò | Ó   | Ô   | Õ  | Ö | Ø | Œ | cent si  |
| Š | Ù            | Ú | Û | Ü     | Ý         | Ÿ  | Þ | à | á             | â | ã | ä | å | æ   | Ç   | è  | é | ê | ë |          |
| ì | í            | î | ï | ð     | ñ         | ò  | Ó | ô | õ             | ö | ø | œ | š | ù   | ú   | û  | ü | ý | þ | HTML-C   |
| ÿ | Α            | В | Г | Δ     | E         | Ζ  | Н | Θ | Ι             | К | Λ | М | Ν | Ξ   | 0   | П  | Ρ | Σ | Т | &cer     |
| Y | Φ            | Х | Ψ | Ω     | α         | β  | γ | ð | ε             | ζ | η | θ | I | к   | λ   | μ  | ٧ | ξ | 0 | NUM-Co   |
|   | 0            | C | G | т     |           | (D | v |   | <sub>60</sub> | 4 | ٠ | _ | Ŧ | 4   |     |    | ¥ |   |   |         |

table of symbols. Select the symbol you would like to use, and it will be dropped into the canvas.

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

#### М. **Guidelines / Visual Controls**

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



#### Ν. 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: Browse...

Step 2 - Upload the Image to the server: Upload Image

#### 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.

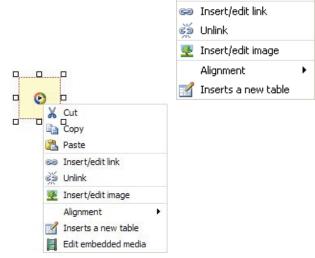
| 275 content 2 75.png   | <b>± x</b> |
|------------------------|------------|
| \$325 content 3 25.png | + 🗙        |
| \$250 content 3 50 ppg | Ŧv         |

#### **Image File Advanced Options**

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

#### **Sound File Advanced Options**

To access more advanced options of the Audio File, right-click on the Audio 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 edit embedded media (covered in the next screenshot).



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

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,

Click on 'Advanced' for more options.

| General    |  |
|------------|--|
| Туре       | Windows Media                            |
| Rie/URL    | /scenes/ScreenShots/1/sounds/06 - XY.mp3 |
| Dimensions | 50 x 50 Constrain proportions            |
| Preview    |  |
| -          |  |
| U.         |  |
|            |  |
|            |  |
|            |  |
|            |  |
|            |  |
|            |  |
|            |  |
| _          |  |

| d                |              | Name           |       |
|------------------|--------------|----------------|-------|
| lign Not         | set 💌        | Background     |       |
| -Space           |              | H-Space        |       |
| Windows media    | player optic | ins            |       |
| Auto start       |              | Enabled        |       |
| Show menu        |              | Fullacreen     |       |
| T Invoke URLs    |              | T Mute         |       |
| Stretch to fit   |              | T Windowless   | video |
| alance           |              | Base URL       |       |
| Captioning id    |              | Current marker |       |
| Current position | -            | Default frame  |       |
| Nay count        | 1000000      | Rate           |       |
| It Mode          | none         | Volume         | 100   |
|                  |              |                |       |

# Adding Movies/Flash Animations

Click the Z or 🗄 button.

rate, and volume.

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

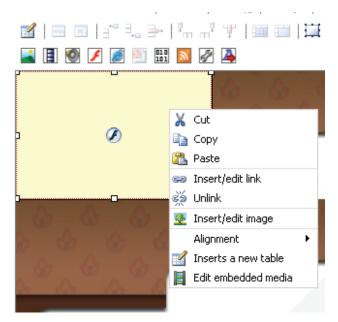
Step 1 - Find the Movie on your local hard drive: Browse...

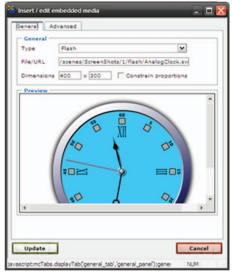
Step 2 - Upload the Movie to the server:

#### 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.

| General Advanced                      |
|---------------------------------------|
| Advanced                              |
| Id Name                               |
| Align Not set 💌 Background 🗔          |
| V-Space H-Space                       |
| - Flash options                       |
| Quality 🛛 Not set 💌 Scale 🛛 showall 🖤 |
| WMode transparent 💌 SAlign Not set 💌  |
| 🗹 Auto play 🔽 Loop                    |
| Show menu                             |
| Base                                  |
| Flashvars                             |
|                                       |
| Lindate Cancel                        |

#### 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 web page to your page. | add below. Cli | ick on the | 'plus sign' to | add the | e |
| URL: http://  | Width: 2       | 00 px      | Height: 130    | рх      | + |

# 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 is only available on hardware that has a DVD player built in. It also requires installing special DVD decoders (Available with the live video upgrade kit). A Live Video Upgrade kit may be purchased from Exhibio, and must be installed prior to using these video features.

To add external video, click on the i 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**

 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,

# Live Video

| Add Live Video To Your Page                             |  |
|---|--|
| Fill out the fields below and click the 'Add Live page. | e Video' button to add a live video window to your |
| Video Source Attributes                                 |  |
| Source: Analog Television 💌                             | Brightness: 128                                    |
| Preset: - Please Choose - 🗸                             | Contrast: 128                                      |
| Channel Number:   | Hue: 128   |
| Country: United States 💌                                | Saturation: 128                                    |
| Broadcast/Cable: Antenna 💌                              | Sharpness: 128                                     |
| Aspect Ratio Attributes                                 | Audio Attributes                                   |
| 🗹 Keep Aspect Ratio                                     | Volume: 0  |
| O Manual Ratio: 4 X 3                                   | Mute Audio   |
| ⊙ Automatic Ratio                                       | Enable Closed Captioning                           |
| Overscan Amount: 0 px                                   |  |
| Video Size  | Other Attributes                                   |
| Video Width: 400 px                                     | Toolbar Position: No Toolbar 💌                     |
| Video Height: 300 px                                    | 🗹 Enable Contextual Menu                           |
| Note: Only one live video window ca                     | an be displayed on the sign at one time.           |
| Add L   | live Video   |

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.
- 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 more whore you can right click on the TV ford (only visible on the

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.

### **Digital Television**

- 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.

| Live Video  |   |
|---|---|
| Add Live Video To Your Page                               |   |
| Fill out the fields below and click the 'Add Liv<br>page. | ve Video' button to add a live video window to your |
| Video Source Attributes                                   |   |
| Source: Digital Television 💌                              |   |
| Preset: – Please Choose – 💌                               |   |
| Digital Channel:  |   |
| Physical Channel:   |   |
| Aspect Ratio Attributes                                   | Audio Attributes                                    |
| 🗹 Keep Aspect Ratio                                       | Volume: 0   |
| O Manual Ratio: 4 X 3                                     | Mute Audio  |
| O Automatic Ratio   | Enable Closed Captioning                            |
| Overscan Amount: 0 px                                     |   |
| Video Size  | Other Attributes                                    |
| Video Width: 400 px                                       | Toolbar Position: No Toolbar 💌                      |
| Video Height: 300 px                                      | 🗹 Enable Contextual Menu                            |
| Note: Only one live video window c                        | an be displayed on the sign at one time.            |
| Add   | Live Video  |

#### 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

| age.                                |   |
|-------------------------------------|---|
| -Video Source Attributes            |   |
| Source: Composite Input 🛛 💌         | Brightness: 1                             |
|                                     | Contrast: 1                               |
|                                     | Hue: 1                                    |
|                                     | Saturation: 1                             |
|                                     | Sharpness: 1                              |
| Aspect Ratio Attributes             | Audio Attributes                          |
| 🗹 Keep Aspect Ratio                 | Volume:                                   |
| O Manual Ratio: 4 X 3               | Mute Audio                                |
| <ul> <li>Automatic Ratio</li> </ul> | Enable Closed Captioning                  |
| Overscan Amount: 0 px               |   |
| Video Size                          | Other Attributes                          |
| Video Width: 400 px                 | Toolbar Position: No Toolbar 💌            |
| Video Height: 300 px                | 🗹 Enable Contextual Menu                  |
| Note: Only one live video window    | can be displayed on the sign at one time. |

**Internal DVD Player** (Only available on Exhibio hardware with an internal DVD player present.)

- 1. Insert a DVD into the Exhibio 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.

# Note: The Exhibio Live Video Upgrade Kit must be installed prior to using this feature.

| Live Video   |  |
|--|--|
| Add Live Video To Your Page                          |  |
| Fill out the fields below and click the 'Ac<br>page. | ld Live Video' button to add a live video window to your |
| Video Source Attributes                              |  |
| Source: Internal DVD Player                          |  |
| DVD Title:   |  |
|  |  |
| DVD Chapter:   |  |
| Restore Bookmark                                     |  |
|  | Audio Attributes   |
|  | Volume: 0  |
|  | Mute Audio   |
|  | Enable Closed Captioning                                 |
|  |  |
|  |  |
| Video Size   |  |
| Video Width: 400 p×                                  |  |
| Video Height: 300 px                                 |  |
| Note: Only one live video wind                       | ow can be displayed on the sign at one time.             |
|  | Add Live Video   |

# RS232 Control

#### Add RS232 Control Command To Your Page

RSS Feeds

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

| Due e etc    | – Please Choose –        |
|--------------|--------------------------|
| Preset:      | - Flease Chouse -        |
| Description: |                          |
| Port Name:   | COM1 💌                   |
| Command Type | : • Hex Codes O ASCII    |
| Command Text |                          |
| Baud Rate:   | 9600                     |
| Parity:      | None 💌                   |
| Data Bits:   | 8                        |
| Stop Bits:   | One 💌                    |
|              | Test Command Add Command |

#### 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.

|                              | Advanced  | Add Fe                 |
|------------------------------|---|------------------------|
|                              | Feed Properties   |                        |
| -RSS Feed M                  | ame   |                        |
| Enter a na                   | me for your RSS feed below:   |                        |
|                              |   |                        |
| -RSS Feed L                  | RL-   |                        |
| Enter the                    | RSS Feed URL below:   |                        |
| [                            |   |                        |
| -Visual Ther                 | ne  |                        |
| Choose a                     | theme from the list below:  |                        |
| [                            | – Please Choose Theme –   |                        |
|                              | irther refine the visual appearance and behavior of your RSS Feed by clickir<br>!' button.  | ng the                 |
|                              |   |                        |
|                              |   |                        |
|                              |   |                        |
|                              | Advanced  | Add Fe                 |
| Feeds Re                     | pository  |                        |
| on the nam<br>our page. Cliv | e of the RSS Feed below to preview it. Click on the 'plus sign' next to the RS<br>x on the pencil icon to edit the RSS Feed. Click on the 'x' to delete the RSS | S Feed to<br>Feed fron |

#### Adding RS232 Commands

- 1. To add an RS232 Command, you can use one of the commands in the 'Preset' drop-down menu.
- 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.

# **EXHIBIO MANAGER**

- 4. 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.
- 5. Then, click on 'Next'.

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

| dd An RSS Feed 1 | to the RSS Feeds Repository   |
|------------------|---|
|                  | < Back Next > Add Fee   |
| Adjust text for  | rmatting  |
| _                | -   |
| Channel Title P  | nel Title <u>show/hide properties</u><br>Properties   |
|                  |   |
| Font Family      | /: Palatino Linotype 💌 Size: 30 px  |
| Font Color:      | Transparent Vpeface: Bold V   |
| Background       | I 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 V Transparent   |
| Border Right:    | 0 px None 🖤 Transparent 🖤   |
| Border Bottor    | m: 0 px None 💌 Transparent 💌  |
| Border Left:     | 0 px None 💌 Transparent 💌   |
| Show Item 1      | nel Description <u>show/hide properties</u><br>Title <u>show/hide properties</u><br>Date <u>show/hide properties</u><br>Author show/hide properties |
|                  | Subject <u>show/hide properties</u>   |

| SS Feeds   |   |                        |
|--|---|------------------------|
| Add An RSS Feed to                                 | the RSS Feeds Repository  |                        |
|  | ſ   | < Back Next > Add Feed |
|  | L   | K Back Next Add Feed   |
| Adjust text form                                   | natting   |                        |
| 🗹 Show Channel                                     | I Title show/hide properties  |                        |
| Show Channel                                       | Description show/hide properties  |                        |
| Channel Descript                                   |   |                        |
|  |   |                        |
| Font Family:<br>Font Color: B                      |   | -                      |
| Data   | Color: Transparent V Align: Center  |                        |
| -  |   |                        |
| Margin Top: 0                                      |   | ·                      |
| 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 Da<br>♥ Show Item Au<br>♥ Show Item Su | tle <u>show/hide properties</u><br>ate <u>show/hide properties</u><br>athor <u>show/hide properties</u><br>abject <u>show/hide properties</u><br>escription <u>show/hide properties</u> |                        |

- 7. 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**

| dd An RSS Feed to the RSS Feeds Repository —   |  |
|--|--|
|  | < Back Next > Add Feed   |
| Other Properties   |  |
| Layout   |  |
| • Paragraph: - Display the text in paragra   | ph format with breaks between sections.                              |
| Ocondensed: - Display the text as one lor<br>when creating text crawls and horizontally so | ng line with no breaks between sections. (useful<br>rolling tickers) |
| -Behavior and Limits   |  |
| Food Scrolling, new Spood  | h Madium (se   |
| Feed Crolling I you had been   | • I Modium Ibiti   |

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

| test | Width: 640 p | ox Height: 480 | px 🛨 | 2 | x |
|------|--------------|----------------|------|---|---|
|      |              |                |      |   |   |

## **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 *left* 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&parameter2=value2.
- 3. Click on the 🛨 button next to the script to add it to your page.

| Toolbox  |                     |                        |                       |             |
|--|---------------------|------------------------|-----------------------|-------------|
| <b>Toolbox Scripts</b><br>Click on the name of the toolbox script b              | elow to preview it  |                        |                       |             |
| Any necessary querystring parameters c<br>the '?'). EX: ?parameter1=value1&param |                     | e first textbox next t | o the script name (do | on't forget |
| Click on the 'plus sign' next to the script                                      | co add it to your p | )age.                  |                       |             |
| TimedImage.aspx  |                     | Width: 200 px          | Height: 130 px        | ±           |

## 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.

| I A So | rolling Text Widget to the Text Widgets Repository           |
|--------|--|
| nter   | Text Widget Properties                                       |
|        | Widget Name  |
|        |  |
|        |  |
| Text   | Content  |
| -      |  |
| De     | fault text   |
|        |  |
|        |  |
|        |  |
|        |  |
|        | Properties   |
| For    | t: Arial 💽 50 pt Align Left 💌                                |
| Те     | t Shadow: 1 px Black   |
| For    | eground Color: Yellow 💽 🗆 Use Gradient: Orange 💌             |
| Bac    | kground Color: Transparent                                   |
| Scr    | olling: Speed: 100 px/sec, Direction: Scroll Right To Left 💌 |
|        |  |
|        |  |

## 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 V    | /ideo   |
|----------------|---|
| Add A Streamin | g Video To Your Page  |
|                | ideo you are adding. Type the video's URL. Enter the width and height you would like it to<br>reen. Click the "Add To Page" button to add the video to your page. |
| Video Type:    | YouTube Video   |
| URL:           |   |
| Width:         | ха  |
| Height:        | рх  |
|                | Preview Add To Page   |
|                |   |
|                |   |

## 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 the long date                    |
| Text Properties<br>Font: Arial V 36 pt Normal V Left V     |
| Foreground Color: #000000<br>Background Color: Transparent |
| Dimensions<br>Width: 580 pxHeight: 110 px                  |
| Friday May 27, 2011<br>3:31:40 PM                          |
| Add Widget   |

# **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.



| Copy<br>Paste       |
|---------------------|
| Docto               |
| Faste               |
| Insert/edit link    |
| Unlink              |
| Insert/edit image   |
| Alignment 🔹 🕨       |
| Inserts a new table |
|                     |

# **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 Exhibio Manager allows you to create advertising campaigns that can be associated with any page. These pages can serve as vehicles for delivering dynamic and easily created advertising content. 

| Add New Advertising Campaign   |
|--|
| Edit Campaign<br>Prese Choose  |
| Delete Campaign  |
| Edit Account<br>Prese Choose   |
| Delete Account   |
| View Reports By Campaign  1. Choose start date  2. Choose end date  3. Choose Campaign |
| View Reports By Account 1. Choose start date 2. Choose end date 3. Choose Account      |

# Campaigns

## Add New Campaign

- 1. Click on 'Advertising Campaigns' in the main menu.
- 2. Click on 'Add New Advertising Campaign' or its associated icon.
- 3. Type in the name of the campaign, description, and place this under an account, or create a new account.

## **Edit Existing Campaign**

- 1. Click on 'Advertising Campaigns' in the main menu.
- 2. Under 'Edit Campaign' click the drop-down menu, and choose the campaign you wish to edit.
- 3. Change either the name of the campaign, description, and/or change the account this is under, or create a new account.

## **Delete Existing Campaign**

- 1. Click on 'Advertising Campaigns' in the main menu.
- 2. Under 'Delete Campaign' click the drop-down menu, and choose the campaign you wish to edit.
- 3. Click 'OK' to confirm the deletion.

| ADD NEW CAMPAIGN             |                 |        |
|------------------------------|-----------------|--------|
| Account Information          |                 |        |
| Existing Account New Account | -Please Choose- | ]      |
| -Campaign Informatio         | n               |        |
| Campaign Name                |                 | ]      |
| Campaign Description         |                 |        |
|                              | Save            | Cancel |

# Accounts

## **Edit Existing Account**

- 1. Click on 'Advertising Campaigns' in the main menu.
- 2. Under 'Edit Account' click the drop-down menu, and choose the account you wish to edit.
- 3. Change the name of the account, and click on the save button.

# **Delete Existing Account**

- 1. Click on 'Campaigns' in the main menu.
- 2. Under 'Edit Account' click the drop-down menu, and choose the account you wish to edit.
- 3. Click on 'OK' to confirm the deletion.

# Add Advertisement to Campaign

In order to setup reports, you need to first commit a page to an existing campaign.

- 1. Click on 'Content' in the main menu.
- 2. Click on the page you wish to start reporting on.
- 3. Click on 'Show Campaign Settings'.
- 4. Select the account under which your campaign resides.
- 5. Select the campaign from the drop-down menu.
- 6. Type in the name you would like the advertisement to be called.
- 7. Click on the 🛨 button to add the campaign to this page.

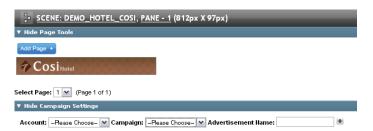
# **View Campaign Reports**

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.
- 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.

| · EDIT ACCOUNT PRO | PERTIES |        |
|--------------------|---------|--------|
| Account Informatio | on      |        |
| Test Account       |         | _      |
|                    |         |        |
|                    | Save    | Cancel |



| ew Reports By Campaign |
|------------------------|
| Choose start date      |
| Choose end date        |
| Choose Campaign 🗸      |
| ew Reports By Account  |
| ew Reports By Account  |
|                        |
| Choose start date      |
|                        |
| Choose start date      |

| Campaign Report   |                           |  |
|---|---------------------------|--|
| Account: Test Account   |                           |  |
| Campaign: Test Campaign   |                           |  |
| Testing a new campaign on E   | xhibio.                   |  |
|   |                           |  |
| Date Range: 1/11/2009 - 1/1   | 6/2009                    |  |
| Date Range: 1/11/2009 - 1/1<br>Total Number of Impressions:   | 17 G 27 1                 |  |
| Contraction of the second s | 17 G 27 1                 |  |
| Total Number of Impressions   | : 129                     |  |
| Total Number of Impressions<br>Advertisement  | : 129<br># Of Impressions |  |

VIEW REPORTS BY CAMPAIGN

## **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.

## VIEW REPORTS BY ACCOUNT

| _ | Acce  | diam'r.  | 8.00  | nort |  |
|---|-------|--|-------|------|--|
|   | 40.00 | Case of Case o | and a | port |  |
|   |       |  |       |      |  |

Account: Test Account

Date Range: 1/11/2009 - 1/16/2009

Total Number of Impressions: 112

| Campaign      | Advertisement       | # Of Impressions |
|---------------|---------------------|------------------|
| Test Campaign | Advertisment Name   | 41               |
| Test Campaign | Advertisment Name 2 | 36               |
| Test Campaign | Advertisment Name 3 | 35               |

# USERS

The Exhibio Manager 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 ten permissions, which define what actions they can take.

# **User Permissions**

| Listed Permission       | Allowed Functionality  |
|-------------------------|--|
| Manage Users            | Add, edit, and delete users and their roles                  |
| Manage Content          | Add, edit, and delete pages                                  |
| Manage Campaigns        | Add, edit, and delete accounts and campaigns                 |
| 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.

| <b>∋</b> ма | NAGE USERS         | _ |
|-------------|--------------------|---|
| 2           | Add New User       |   |
| 0           | Edit Existing User |   |
|             | Please Choose V    |   |

- 3. Complete all required fields in the 'Account Information', 'Personal Information', and 'Permissions' field sets.
- 4. Click the Save button.

| ADD NEW USER             | _                 |                  |
|--------------------------|-------------------|------------------|
| Account Information      |                   |                  |
| Username                 | username          |                  |
| Password                 | ******            |                  |
|                          |                   |                  |
| – Personal Information   |                   |                  |
| First Name               |                   |                  |
| Last Name                |                   |                  |
| -Permissions             |                   |                  |
| Manage Users             | Manage<br>Content | Manage Campaigns |
| View Campaign<br>Reports | Start/Stop Sign   | View System      |
|                          |                   |                  |
|                          |                   | Save Cancel      |

## **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 Save button.

| Account Informatio         |                   |                         |   |
|----------------------------|-------------------|-------------------------|---|
| Username                   | test              |                         |   |
| Password (change on        | lγ)               |                         |   |
| Personal Informatio        | on                |                         |   |
| First Name                 | Test              |                         |   |
| Last Name                  | User              |                         |   |
| Permissions                |                   |                         |   |
| 🗹 Manage Users             | Manage<br>Content | 🗹 Manage Campaigns      |   |
| ☑ View Campaign<br>Reports | 🗹 Start/Stop Sign | View System Information | ı |

## **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 **Delete** 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<br>content locally. If you've added a USB<br>drive, it will be reported as well. This area<br>reports free space and used space. |
| Display Resolution | Reports the specified height and width of the video resolution.  |
| Product Code       | Displays the product code of the device.   |
| Serial Number      | Displays the serial number of the device.  |
| Statistics         | Reports number of Users and  |
|                    | Campaigns on the Exhibio system.   |
| Service Status     | Reports the activity of the Exhibio  |
|                    | Scheduler Service and Exhibio Monitor.   |
| 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<br>on the system, along with date and time.<br>Click the error to view more details.  |

# 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



# 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.
- Click on the 'Update' button found on the Exhibio Desktop. 3.
- 4. Log into the Exhibio Update Utility with the Exhibio Administrator Password.



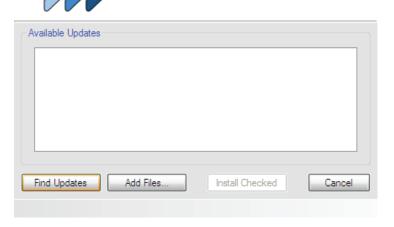
| or and     |  |
|------------|--|
|            | Exhibio Update Login   |
|            | Please type your Administrator password below and<br>press 'Login' when you're done. |
| trator     | Password:  |
|            | Login Cancel   |
|            |  |
| Exhibio Up | date Utility 🛛 🗙   |
| EXHÍE      |  |

To begin the process of updating your Exhibio, either click the 'Find Updates' button to search for updates online, or

click the 'Add Files...' button to select updates to install.

#### Click on 'Find Updates' and allow some time for the 5. 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.

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



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## NETSPELL SPELL CHECKING ENGINE

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## TINYMCE WYSIWYG HTML EDITOR

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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.

#### Device Connections. c.

- 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.

## 3. Scope of License.

The software is licensed, not sold. This agreement only gives you some rights to use the software. Exhibit 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 Exhibito 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;
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- Make more copies of the software than specified in this agreement;
- Publish the software for others to copy;
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- 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.mspx.

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
  - 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 Micrososoft 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.
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