triggers. To set the correct date and time set, see [Controller Configuration](#).

To change the Time Server:

1. Select the project Controller which is to become the Time Server
2. Press the Set as Time Server button in the Controller properties pane

Web interface tools

To view a Controller's web interface:

1. Select the Controller
2. Press the Web Interface button on the Controller toolbar
3. Your PC's default browser will open the Controller's [home page](#) (or [custom](#) page if one has been created)

To create files for uploading via the web interface:

1. Use File > Save Snapshots
2. Use the file dialogue to chose a location to store the generated files
3. A file for each project Controller is created: "projectname.controllerserial.wrn" (MSCs) and "projectname.controllerserial.avc" (AVCs).

IMPORTANT: Controllers must be running the same version of **firmware** as the Designer software. Uploading a project file to a Controller running different firmware may result in the project failing to load and run. Check the Controller's home page to determine compatibility before attempting a remote upload.

File transfer

This feature allows you to use the Controller's memory card as a remote memory device for file storage and retrieval, typically the exported Designer project file to ensure that this remains on site with the installation for future maintenance. Note that files to be transferred in this way must adhere to the MS DOS 8.3 naming convention.

File transfer should not be confused with [Upload](#).

To transfer files to and from a Controller's memory card:

1. Select the Controller
2. Press the File Transfer button on the Controller toolbar
3. A file browser will open to allow you to move files to and from the Controller's card, the password will be required to gain access if one has been set
4. Close the file browser to finish

Mac OS X users:

Pressing the File Transfer button in the Network pane will launch an FTP client on Mac OS X. By default, this client is Finder, and Finder doesn't allow write access to FTP servers. In order to send files to a Controller from Mac OS X, you will need to install another FTP client. We recommend Cyberduck (http://cyberduck.ch/) which is free.

When you first run Cyberduck, you should be prompted to make it the default FTP client. You should choose to do this. If you are not prompted, or Cyberduck is not used as the FTP client when attempting to perform a file transfer to a Controller, go to the Preferences in Cyberduck and under the FTP tab, there is a 'Default Protocol Handler' option. Set this to Cyberduck.

Controller status

The fields in the controller spreadsheet provide status information:

Number	The unique identifier given to each Controller in the project
Name	The user name given to each Controller in the project, typically a name that identifies the Controller's purpose or location
Time Server	"Yes" indicates that this Controller set as the Time Server
Type	The type of Controller
Serial Number	The Controller's serial number as found on the base of the Controller
IP Address	If connected via Ethernet the Controller's IP address which is either statically assigned or obtained from a DHCP server
USB	"Yes" indicates that the Controller is connected via USB
Firmware	The Controller's firmware version which must match that of Designer
Bootloader	The Controller's bootloader version
Memory Card Size	The size of the Controller's memory card, this can be user upgraded if required
Show Name	The name of the project that has been uploaded
Watchdog	"Yes" indicates that the Controller's watchdog is turned on
Used Channels	The number of used channels on the Controller
Capacity	The number of available (unused) channels on the Controller
Joined	"Yes" indicates that the Controller has joined the Designer session because it has been associated and the project files match
Output Live	Check this box (the default) if you want the Controller to participate in Output Live (see below)

Disabling Output Live

While all the other columns give status feedback, the Output Live cell is editable and allows you to stop a Controller from participating in Output Live. This is useful for soft openings where you may have multiple Controllers in various geographical zones, some of which are open to the public and so need to be protected from your programming and testing efforts in another zone. Uncheck this box to disable.

Related Topics