



Grass Valley
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IGNITE V11.8.2

LIVE PRODUCTION CONTROL SYSTEM

Release Notes

13-06131-010 AD
2022-06-01

www.grassvalley.com

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IGNITE Release Notes

Introduction

This document describes compatibility, installation, and other information specific to Ignite Release 11.8.2 which is a maintenance release of the Ignite Live Production Control System.



Note

For a current list of supported/controlled devices, contact an authorized Grass Valley reseller or contact Grass Valley sales directly.

New Features, Enhancements, and Bugs Fixed

This release adds the following enhancement(s) and corrects the following issue(s) that are separated out as follows.

- [New Features and Enhancements](#), on page 1
- [Bug Fixes](#), on page 1

New Features and Enhancements

- [[Ref. #IGN-11733] **Ignite updated the Yamaha fader from 64 to 72**
The Monitor Fader for Yamaha QL5 now increases from 64 to 72.
- [Ref. #IGN-11897] **Ignite Snapshot tool now supports an entire snapshot**
The Ignite Snapshot tool is now able to import an entire snapshot with the configuration within the system tray. It is also able to restore from a snapshot within the Ignite installer.

Bug Fixes

- [Ref. #IGN-11768] **The shared option disappearing issue has been corrected in Ignite Event Builder**
The shared option in Ignite Event Builder now works properly.

- [Ref. #IGN-11980] **Corrected potential problem with auto server logic**
The IQLayer error has been corrected.
- [Ref. #IGN-11922] **Ensure current MOP Gateway selection not overwritten by synchronizer**
Synchronizer now never synchronizes the currently selected MOP server.
- [[Ref. #IGN-11990] **Fixed an issue where the audible server countdown plays all the clips at the same time**
The server countdown timer now plays the clips correctly.

Compatibility

Hardware

This release requires hardware equipped with Windows 64-bit operating system.

Software

This Ignite Release 11.8.2 only functions with the Media Object Portal (MOP) and does not support the XMOS server from previous systems. If a customer is being upgraded from any version of Ignite prior to:

- 5.2.0.0, you must run the AlloyConversionUtilities found in the Ignite installation folder
- 5.1.1, you must convert the customer's TME & Macro library with the IgniteTMEProcessor found in the Ignite installation folder

Refer to the release matrix in Table 1

Table 1. Release Matrix

Category	Application	Model	Version
Protocol	MOS		2.8.3
	MOP Server		11.7
	TME File Watcher		1.0.27
	Katalyst		11.0.0
	Automated Soft Panel (ASP)		11.0.0
	Ignite ActiveX		1.0.27

Table 1. Release Matrix

Category	Application	Model	Version
Newsroom Computer Systems	ENPS Server		9.0.236
	ENPS Client		9.0.236
	iNEWS Server		7.2.0.28 / 4.6.0.5
	iNEWS Client		7.2.0.28 / 4.6.0.5
	iNEWS MOS Gateway		7.2.0.28 / 4.6.0.5
	Dalet Galaxy (TME column only)		4.0
	Ross Inception		12.1.4.11185
Audio Mixers	Calrec	Sigma, Omega, Alpha, and Zeta Audio Consoles	N/A
	Calrec	Brio 36	1.1.8 build 205
	Wheatstone	D5.1, D7, D8, D9, D10 (incl Dimension 1 & Dimension 3), D12, G3, G4, G5, G6 and G9 as well as the E Series (E4, E5 and E6)	D8, D10 and Series 4
	Yamaha	LS9-16, LS9-32	1.35
	Yamaha	QL1, QL5, CL1, CL3, CL5	V4.50
	Lawo	6.4.0.11	10.2.0.16
	Klotz	Vadis	1.2.5.006
	SSL	C10HD	5.0/5
	Studer		Studer 5.4.00 a3 or newer
	Kula AV		6.3
Audio Server	Sony	Mini Disk -B5 and E11	N/A
	360 Systems	DigiCart 2, 2+, E, EX	N/A
	Enco	DadPro32	N/A
	TASCAM	SS-R250N	v1.37
Camera Robotics	Cambotics Robotic Camera System (Including the SmartShell camera control System)		N/A
	Grass Valley SDC/HDC Ignite		N/A
	Shotoku	T Remote Controller	Supports IP
	Telemetrics	CPS-ST-S Controller RCCP-1A Controller	N/A
	PTZ		Protocol 1.01
	VISCA		ARM: 3.0A FBGA: 5.6B USB: 5.2B ISP: 252

Table 1. Release Matrix

Category	Application	Model	Version
Graphics Device	Avid FXDeko		N/A
	Avid Deko 3000		N/A
	Avid DekoMos		N/A
	Chyron Duet	SD/LE/LEX, PCI/PCI+	N/A
	Chyron HyperX (MOS)		8.0 (build 1558)
	ChyronAprisa	100, SSX	N/A
	ChyronPrime		3.5.12.300
	Harris Inscriber G3 (MOS)		N/A
	Harris Inscriber G3 (non-MOS)		N/A
	Vertigo/Xplay		v6.0SP1
	Pixel Power	Clarity	N/A
	VizRT	VizRT	5.3.3
	WASP3D		3.82
	ORAD	TD Control	N/A
	Ross XPression		v8.5 b4598 Configurable "Load and play" mode supported
Video Server	Avid AirPlay		N/A
	Avid AirSpeed		N/A
	Avid AirSpace		N/A
	BitCentral	Precis	N/A
	GrassValley M-Series		N/A
	GrassValley Turbo		N/A
	GrassValley K2		N/A
	Grass Valley K2 Summit		N/A
	Grass Valley Profile,XP		9.8.1.2528
	Leitch	Nexio NX4000ITS	N/A
	Omneon	Spectrum, MediaDeck	N/A
	SQ	SQ1200, SQ1800	V2.6.11
Switcher	Kayak		N/A
	Kalypso		N/A
	K-Frame	S-Series, V-Series (only support start from Ignite 10.1.0)	Support X-Series K-Frame v14.6.2
	Kayenne		V4.2.2d01
	Schooner		K-Frame v14.6.1
	Gv Director		N/A
	Kula Switcher		6.3
	Kahuna Switcher		8.5 Alpha 23513
	Sony Switcher		MVS-8000G , XVS-7000

Table 1. Release Matrix

Category	Application	Model	Version
Others	Router Support		via iControl Solo v7.4
	Stratus		6.9.0.0
	Densité		Densité controller firm-ware v2.3.1, GPI-1501 firmware version (1.0.0)

Installation and Configuration

Considerations

- Ignite 11.8.2 requires Microsoft .NET 4.6.2 and Microsoft Visual C++ Redistributable for VS 2017.
- With 11.8.2, desktop experience must be enabled otherwise graphics might be compromised.

Hardware Installation

Only qualified Grass Valley Service Engineers are authorized to install the Ignite Live Production Control System. Contact your local Grass Valley representative, your Grass Valley Ignite Technical Service representative, or Grass Valley Support Center.

Software Installation

Only qualified Grass Valley Service Engineers are authorized to install Ignite Live Production Control System Release 11.8.2 software. Contact your local Grass Valley representative, your Grass Valley Ignite Technical Service representative, or Grass Valley Support Center.

Installation has two parts:

- MOP server
- Ignite

New Installation

- 1 Run the IgniteMOPInstaller.msi for 11.7 on the MOP server.
- 2 Run the Ignite 11.8.2 Installer.exe on the Ignite workstation.
- 3 Select the feature set from installer options (Audio, Switcher Type, etc.) and finish the installation.

Upgrade Installation

MOP Server Upgrade



Caution

It is imperative that you follow these instructions when UPGRADING to MOP Server 11.7 from a previous version.



Note

This update requires more than just new software, but also has a database update component.

- 1 Stop all MOP services before the upgrade.
 - 2 Manually uninstall MOP Server via Windows add/remove programs.
 - 3 Run IgniteMOPInstaller.msi for 11.7 on the MOP server.
 - 4 Launch the Ignite MOP Utility and select as below:
 - **Services > Start Services**
 - **Settings > Configure Database**
 - 5 Ensure that the Database Version is 6 or less.
-



Note

In the following step, the application might freeze for a few seconds, this is normal.

- 6 Under **Upgrade**, click **Upgrade Database**. When done, the:
 - Messages window displays **Upgrade complete**
 - Database Version displays 7
-

Ignite Upgrade



Note

If a customer is being upgraded, and is using different audio, or a different switcher (i.e. going from Klotz to Calrec, or Kayak to Kayenne), after restoring setups, you will need to restore some registry settings manually. Refer to http://grassvalleyautomation.com/wiki/index.php?title=Ignite_Restore for more information.

If a customer is upgrading from any version of Ignite prior to:

- 5.2.0.0, you must run the AlloyConversionUtilities found in the Ignite installation folder

- 5.1.1, you must convert the customer's TME & Macro library with the IgniteTMEProcessor found in the Ignite installation folder

- 1 Backup the GrassValley folder and the TBMS registry.
- 2 Copy the Ignite_11.7_FullInstall folder to the C:\Software directory.
- 3 Run the Ignite 11.8.2 Installer.exe to uninstall the previous version and backup configuration files.
- 4 Take note of the name of the folder created in the D:\IgniteBackups folder.
- 5 Run the Ignite 11.8.2 Installer.exe on the Ignite workstation.
- 6 Select feature set from installer options (such as Audio, Switcher Type, etc.) and finish the installation.



Note

Timed Events setting is disabled by default. To enable Timed Events, check Timed Events check box when it displays on the Ignite installation wizard.

Configuration Notes

CONFIGURATION NOTE 1



Note

Always perform a backup of the entire TME library before running a conversion via IgniteTMEProcessor.

If a user is being upgraded and has any TMEs that addressed the ScriptViewer to append scripts and/or load CGs from the CG list, the TMEs must be converted.

In most cases, this is just a single TME (LP.tmx, LS.tmx, or something similar) that is embedded but if the customer uses multiple versions of this file type, all must be converted. Conversion is done via the IgniteTMEProcessor.exe in the root Ignite folder.

CONFIGURATION NOTE 2

- If a user is being upgraded and is not using ScriptViewer, or for any reason would prefer to not see the Miniviewer in the Ignite GUI, this must be modified in the registry.

```
HKEY_LOCAL_MACHINE\SOFTWARE\TBMS\IPS\SCRIPTGUI\MINIVIEW-  
MODE
```

```
0 = No Miniviewer
```

```
1 = Miniviewer
```

- If the user is not using ScriptViewer, it is recommended that the SV row in the timeline track be removed and replaced with another track (e.g. CG, Kayak, Camera).
- If the user is not using ScriptViewer, in order to fill the space vacated by the Miniviewer module, it is recommended that the CG List GUI be changed to **Wide** mode from the Display Settings tab of the CG List Settings dialog box.

CONFIGURATION NOTE 3

You must install the Automation Soft Panel (ASP) driver in Ignite before installing the ASP in Windows and Android devices.

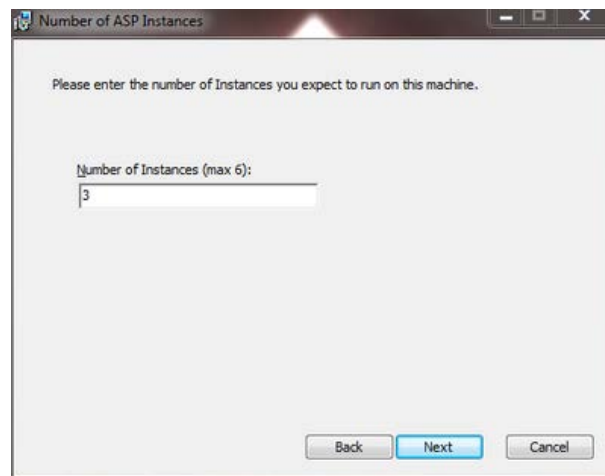
- 1 To get the ASP device into the Devices list in Ignite, run and install the Automation Soft Panel driver (version 2.1.5).



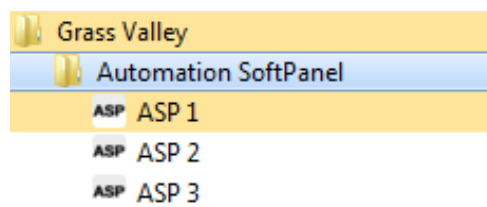
Note

There is only one installer for both Katalyst and ASP, as the ASP driver is the same with the Katalyst driver.

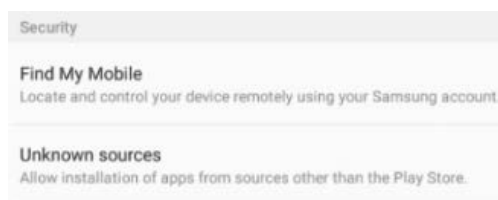
- 2 To install ASP in Windows devices, download the ASP installer for Windows and run it.
- 3 When prompted, enter the number of ASP instances that you want to run in your system. A maximum of 6 simultaneous instances is supported by the installer.



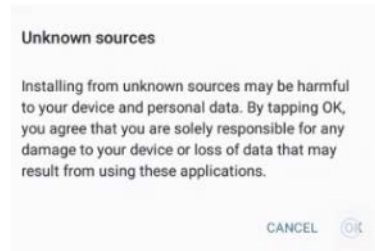
- 4 Click **Finish** to complete the installation.
- 5 Click **Start | All Programs | Grass Valley | Automation Soft Panel** to launch an instance of the ASP.



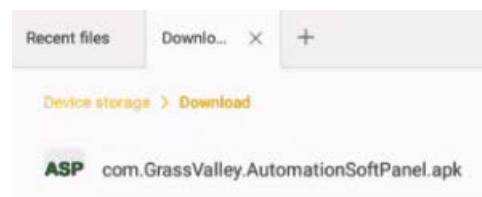
- 6 To install ASP on an Android device, configure the device to allow the installation of third party software as follows:
 - a Go to the device's **Settings | Lock screen and security | Security**
 - b Enable the **Unknown sources** setting.



c Tap **OK** when the dialog appears as below:



- 7 Download the Automation Soft Panel APK file to the Android device.
- 8 Open the file manager application of your choice and find the APK file.



- 9 Tap on it and then tap **Install** to commence the installation process.
- 10 Once installation is complete, the Automation Soft Panel will be accessible from the Apps drawer.



Note

Just like with a Katalyst panel, Ignite connects to ASP devices when they are enabled in the current mode.

CONFIGURATION NOTE 4

For the delay operation with GPI16, a toggle is enabled in the registry to allow users to choose between ignoring the delay or waiting for the delay to complete when a play command is hit while GPI16 is performing a delay.

- 1 Ensure you already upgraded your Ignite application.
- 2 Run this file at *C:\Program Files\GrassValley\Ignite\RegisterModules.exe*
- 3 Select "**R**" when prompted.
- 4 Navigate to *C:\Program Files\GrassValley\Ignite\MiscApps*
- 5 Select a file for the buffer command to be On or Off from the list below:
 - GPI_16_BufferCommandsOff64.reg
 - GPI_16_BufferCommandsOn64.reg
- 6 Double-click to execute the .reg file.

A prompt appears with this confirmation dialog: "Are you sure you want to continue?"
- 7 Click **Yes**.



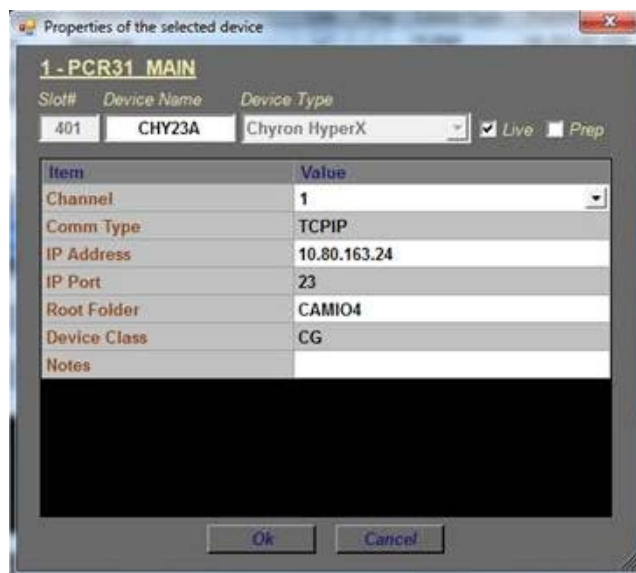
Note

If Buffer Commands Off is selected, Ignite will execute the play command immediately and ignore the delay. If Buffer Commands On is selected, Ignite will execute the play command after the delay is complete.

CONFIGURATION NOTE 5

Ignite users with the latest Chyron HyperX driver or existing users with previous versions of the software suite must perform the following configuration in the Ignite device manager:

- 1 Launch the Ignite application.
- 2 On the Event Timeline module, select **Setup | Configuration and Device Setup**.
- 3 Select Chyron in the Devices Configuration screen and click **Edit**.
- 4 Enter the properties of the Chyron CG device. The Root Folder value should be set to **CAMIO4** if you have the latest Chyron HyperX driver.



Note

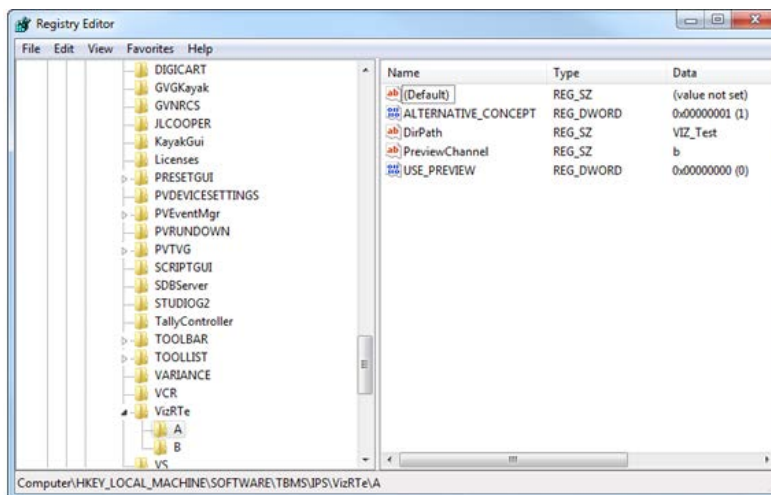
For users of CAMIO 3 or earlier, you can leave the Root Folder field blank by default or insert values depending on the version of Chyron software suite in use. Possible values for the root folder are CAMIO, CAMIO2, and CAMIO3.

- 5 Click **OK**.

CONFIGURATION NOTE 6

The support for VizRT Concept is disabled by default.

To enable it, add ALTERNATIVE_CONCEPT parameter to the registry as shown below. Set it to 1 and then only start Ignite. This is applicable to every channel.



To insert the Concept into Ignite, do the following:

- 1 In the CG hotkeys window, enter the correct path for profile and showname:
<Profile>/<ShowName>
- 2 Open the TME page, and select the preload icon as shown below:



- 3 Enter the concept name in the **Function** text box.
- 4 Code your TME icon as below:

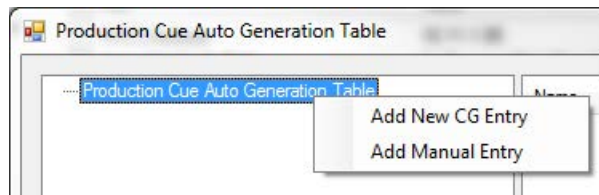


- a The first icon from left is to change the concept.
- b The middle icon is to load a CG.
- c The last icon is to play a CG.

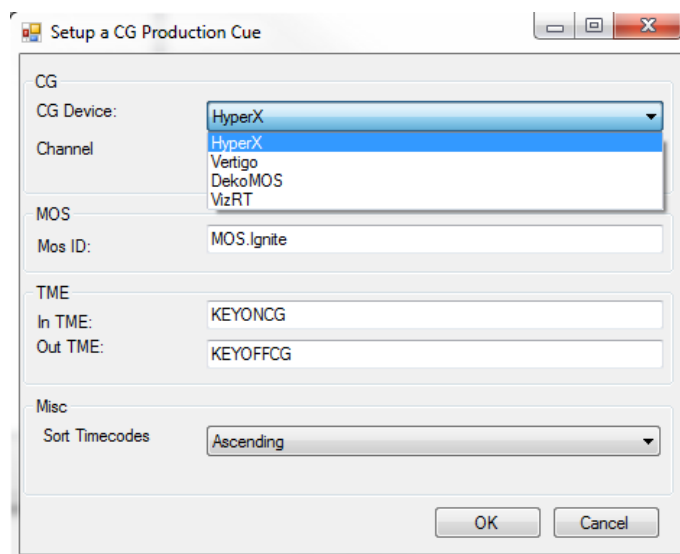
CONFIGURATION NOTE 7

To setup a CG production cue for VizRT, please do the following:

- 1 Go to *C:\Program Files\GrassValley\Ignite* and launch ***IQConfigurator.exe*** from the directory.
- 2 In the IQ Configurator, select **Tools | Production Cue Auto - generation** to open the Production Cue Auto Generation table.
- 3 Right-click on the table and select **Add New CG Entry** to launch the **Setup a CG Production Cue** window.



- 4 Select **VizRT** as the CG Device and configure the CG production cue for your operation.



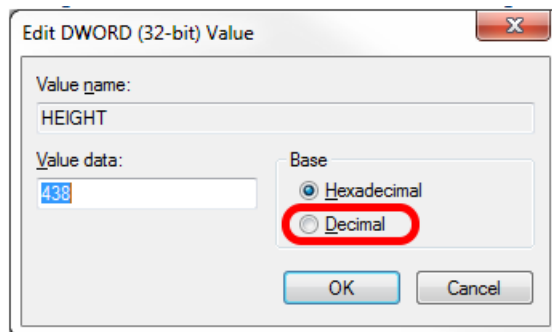
CONFIGURATION NOTE 8

The support of tri-monitor display for Ignite application is on 16:9 monitors by default. For customers with 4:3 monitors, screen setting values must be manually modified in the registry.

- For KONNECT screen, edit values as shown in the location below:
HKEY_LOCAL_MACHINE\SOFTWARE\TBMS\IPS\Switcher

(Default)	REG_SZ	(value not set)
HEIGHT	REG_DWORD	0x00000438 (1080)
LEFT	REG_DWORD	0x00000a00 (2560)
TOP	REG_DWORD	0x00000000 (0)
WIDTH	REG_DWORD	0x00000500 (1280)

Switch to decimal base in the registry for easy reference.



- For Ignite middle screen, edit values as shown in the location below:
HKEY_LOCAL_MACHINE\SOFTWARE\TBMS\IPS\STUDIOG2

LBN_DISPLAY_LEFT	REG_DWORD	0x00000280 (640)
LBN_DISPLAY_TOP	REG_DWORD	0x000002bc (700)

CONFIGURATION NOTE 9

To use the Densité Frame with GPI-1501 card for Tally control, the following configuration must be done in the Ignite device manager:

- 1 Launch the Ignite application.
- 2 On the Event Timeline module, select **Setup | Configuration and Device Setup**.
- 3 Select **Densité Frame** as the Device Type and enter device properties as below:

Item	Value
Comm Type	TCPIP
IP Address	10.37.21.51
IP Port	5100
Device Class	Densité
Notes	

- 4 Click **OK**.

If needed, you can also connect to more than one Densité Frame in order to access additional GPI-1501 cards.

Slot	Device Name	Device Type	Live	Prep	Comm Type	Port/IPAddr	Device Data
100	KFrame	KFrame	☒	☐	TCPIP	10.251.53.220	Remote Port=5000; Lo
120	Lawo1	Lawo Mixer	☒	☐	TCPIP	10.36.91.54	IP Port=9000; SnapSh
401	VertA	Miranda Vertigo	☒	☐	TCPIP	10.37.91.10	IP Port=12000; Device
402	VertB	Miranda Vertigo	☒	☐	TCPIP	10.37.91.20	IP Port=12000; Device
403	Wasp1	WASP3D	☒	☐	TCPIP	127.0.0.1	IP Port=10005; Layer=
404	Wasp2	WASP3D	☒	☐	TCPIP	127.0.0.1	IP Port=10005; Layer=
801	Densité1	Densité Frame	☒	☐	TCPIP	10.37.21.51	IP Port=5100; Device C
802	Densité2	Densité Frame	☒	☐	TCPIP	10.37.21.61	IP Port=5100; Device C

- 5 Click **Exit**.
- 6 Navigate to *C:\Program Files\GrassValley\Ignite\misc\DeviceData*
- 7 Open the **TallyConfiguration.xml** file from the location above and edit the configuration with your text editor.
- 8 You can map up to 64 Tally outputs (GPOs) and 32 Tally inputs (GPIs) to Densité Frame-Slot-Pin sets.



Note

If upgrading from Videoframe to Densité Frame, there is no need to rebuild the event library provided that Ignite GPI/O addresses are mapped to Densité locations.

CONFIGURATION NOTE 10

To include the SSL System T Audio mixer in your operation, the following configuration must be done in the Ignite device manager:

- 1 Launch the Ignite application.
- 2 On the Event Timeline module, select **Setup | Configuration and Device Setup**.
- 3 Select properties for the device as follows:
 - a Device Type: **SSL Mixer**
 - b Model: **System T**
- 4 Enter other properties as shown below:

Properties of the selected device

1 - Default

Slot#	Device Name	Device Type	
120	SSL1	SSL Mixer	☒ Live ☐ Prep

Item	Value
Comm Type	TCPIP
IP Address	10.37.98.150
IP Port	10001
Serial Config Settings Note	RS-422 @ 115200 / Data=8 / Parity=O...
Model	System T
Device Class	MX
Notes	

Ok Cancel



Note

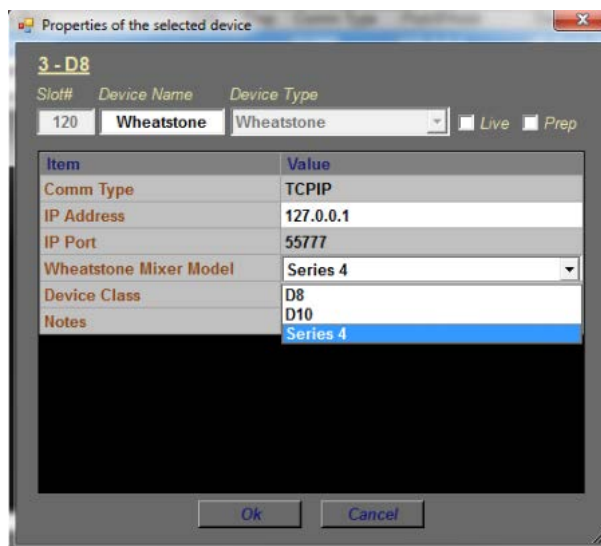
The IP Port automatically changes to reflect the default port for System T or C10HD as one model or the other is selected from the drop-down list.

- 5 Click **OK**.

CONFIGURATION NOTE 11

To include the Wheatstone Series 4 audio mixer in your operation, the following configuration must be done in the Ignite device manager:

- 1 Launch the Ignite application.
- 2 On the Event Timeline module, select **Setup | Configuration and Device Setup**.
- 3 Select properties of the device as follows:
 - a Device Type: **Wheatstone**
 - b Wheatstone Mixer Model: **Series 4**
- 4 Enter other properties as shown below:



The screenshot shows a dialog box titled "Properties of the selected device". At the top, it displays "3 - D8". Below this, there are fields for "Slot#" (120), "Device Name" (Wheatstone), and "Device Type" (Wheatstone). There are also checkboxes for "Live" and "Prep". Below these fields is a table with two columns: "Item" and "Value".

Item	Value
Comm Type	TCP/IP
IP Address	127.0.0.1
IP Port	55777
Wheatstone Mixer Model	Series 4
Device Class	D8
Notes	D10

At the bottom of the dialog box are "Ok" and "Cancel" buttons.

- 5 Click **OK**.

CONFIGURATION NOTE 12

To include the K-Frame V-Series switcher in your operation, the following configuration must be done in the Ignite device manager:

- 1 Launch the Ignite application.
- 2 On the Event Timeline module, select **Setup | Configuration and Device Setup**.
- 3 Select Device Type: **KFrame V Series**.

4 Enter properties of the K-Frame V-Series switcher as below:

The screenshot shows a dialog box titled "Properties of the selected device". It has a tab labeled "1 - Default". Below the tab, there are three input fields: "Slot#" with the value "100", "Device Name" with the value "KFrame_V", and "Device Type" with a dropdown menu showing "KFrame V-Series". To the right of these fields are two checkboxes: "Live" (checked) and "Prep" (unchecked). Below these fields is a table with two columns: "Item" and "Value".

Item	Value
Comm Type	TCP/IP
IP Address	127.0.0.1
Remote Port	5000
Local Port	6132
Suite	Suite1 CS A
Engineering Mode	No
Device Class	SW
Notes	

At the bottom of the dialog box are two buttons: "Ok" and "Cancel".

5 Click **OK**.

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