

INFORMATION BULLETIN

Best Practices for Christie IMB Installation

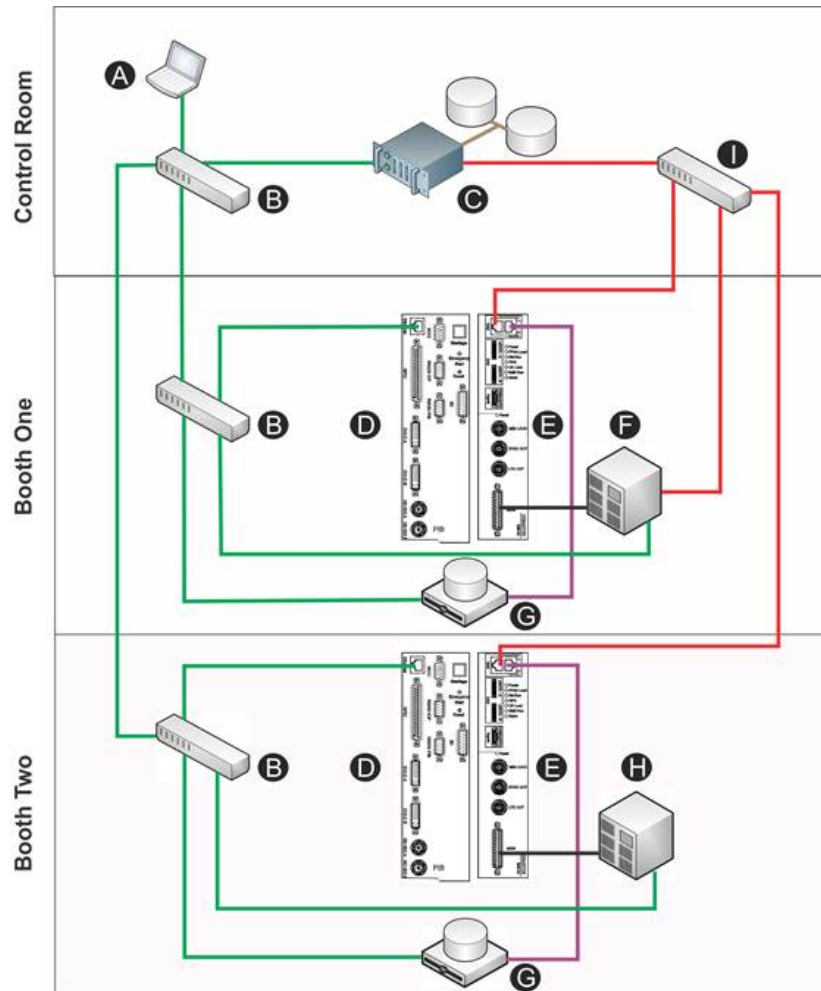
Applies to the Following Products	Prepared For
Christie IMB	External Customers Christie Personnel

This document provides best practices to successfully install, configure, and operate a Christie IMB. The information provided in this document is current as of December 12, 2013.

Item	Best Practice
Christie Firmware	<p>Update the projector and Christie IMB firmware to the latest versions. Firmware updates are available at www.christiedigital.com.</p> <p>See the Christie IMB and projector user manuals for upgrade instructions.</p>
Network Attached Storage (NAS) configuration	<ul style="list-style-type: none"> • Enable the Network File System (NFS) service on the NAS device. Typically, the NFS service is disabled by default. • Enable NFS on each NAS share. • Set the NFS access rights for the share to read and write or full rights for everyone. • Turn off the Bonjour and Universal Plug and Play (UPnP) services on the NAS device. For instructions for turning these services off, see the documentation included with your NAS device. • Turn off the hard disk standby and hard disk sleep options on your NAS device. For instructions for disabling these options, see the documentation included with your NAS device. • Update the firmware on the NAS device to these versions: <ul style="list-style-type: none"> • NETGEAR ReadyNAS 2100 version 4.2.26-T4. See http://www.readynas.com/download/beta/raidiator-x86/4.2.26/RAIDiator-x86-4.2.26-T4 • Iomega StorCenter px4-300r version 4.0.4.14600. See http://download.lenovoemc.com/software/lifeline/px4-300r-4.0.4.14600.tgz
Network configuration	<ul style="list-style-type: none"> • Connect the Christie IMB to the NAS with a high-quality Ethernet cable in good condition. • Do not install other network devices such as switches between the Christie IMB and the NAS. • Assign the projector intelligence board (PIB) and Christie IMB NAS1 and NAS2 ports to nonconflicting subnets. For example: <ul style="list-style-type: none"> • Netmask: 255.255.255.0 • PIB: 192.168.1.100 • NAS1: 192.168.2.1 • NAS2: 192.168.3.1 • Use static IP addresses on the NAS1 and NAS2 ports. <p>See the Christie IMB User Manual available at www.christiedigital.com for more information about network configuration.</p>
3D configuration	<p>When displaying 3D content, make sure the high frame rate (HFR) 3D files (especially the 3D24 file) are configured correctly for your 3D system and match the 3D control settings that are defined for your 3D channels. To create a high frame 3D file on the touch panel controller (TPC), tap Menu > Advanced Setup > High Frame Rate 3D File Setup.</p>
INTEG JNIOR controller	<p>Update the INTEG JNIOR firmware to version 2.22.1115.1501 or later. See the Christie IMB User Manual available at www.christiedigital.com for more information about using the INTEG JNIOR with the Christie IMB.</p>

Recommended Network Topology

This diagram illustrates the recommended configuration for a Christie IMB installation. The command and control (management) connection to each NAS is optional and is used for the remote monitoring of the NAS device. The command and control (management) and content networks must be on separate subnets.



Item	Description	Item	Description
A	Control computer	H	Dolby Digital Cinema Sound Processor CP750
B	10/100 switch for command and control network	I	GigE switch for content network
C	Theatre Management System (TMS) or Library Management System (LMS)	—	Command and control network (10/100)
D	Projector intelligence board (PIB)	—	Content network (GigE)
E	Christie IMB	—	Home run connections (GigE)
F	Dolby Atmos Cinema processor CP850	—	AES connection
G	Network attached storage (NAS)		

Technical Support

North and South America: +1-800-221-8025 or tech-support@christiedigital.com

Europe, Middle East, and Africa: +44 (0) 1189 778111 or techsupport-emea@christiedigital.com

Asia Pacific: tech-asia@christiedigital.com