

# MEDIABRIDGE OVERVIEW

## What is MediaBridge and What Does it Do?

MediaBridge is a purpose-built appliance developed specifically for Industry Weapon's CommandCenterHD Platform. MediaBridge is the bridge between your digital media devices and CommandCenterHD.

### MediaBridge - 1U Rack Server



**Memory:**  
4GB

**Processor:**  
Intel Quad Core Xeon E3-1225V2  
3.2GHz S1155 8MB

**Hard Drive:**  
500GB

**OS:**  
Linux MediaBridge Relay

### VMware®



**Memory:**  
4GB

**Processor:**  
4 (64 Bit)

**Hard Drive:**  
50, 100, 150, 200GB or custom

**OS:**  
Linux Based OS

**Supported Versions:**  
ESX 3.5, 4+, 5.1, 5.5

### Windows Hyper-V



**Memory:**  
4GB

**Processor:**  
4 (64 Bit)

**Hard Drive:**  
50, 100, 150, 200GB or custom

**OS:**  
Linux Based OS

**Supported Versions:**  
Windows 2008 Hyper-V

## Connecting to CommandCenterHD

MediaBridge requires 2 outbound TCP connections to CommandCenterHD on ports 26 and 443. These connections initiate from the MediaBridge to cache media, RSS and data feeds. Once connected to CommandCenterHD, our servers function as a proxy to all external data sources, *ensuring your network only needs access to CommandCenterHD to fully leverage the 3rd party dynamic content.*

## Intelligent Media Distribution and Diagnostics

MediaBridge incorporates an asset management feature called Intelligent Media Distribution (IMD) that synchronizes each registered device on your network with the local MediaBridge. IMD gives each device the assets it needs based on your digital signage schedules.

Working in conjunction with IMD, System Diagnostics reports the current state of the synchronization and distribution cycles. System Diagnostics watches for successful data transfers and monitors the heartbeats from the players, ensuring that the player is active and running content. If a device fails to check-in with MediaBridge, System Diagnostics will attempt to bring the device back online and playing its content. This information is logged within CommandCenterHD under the System Diagnostics section.

## FAQ's

**Q: How many devices can one MediaBridge support?**

A: Each MediaBridge is capable of supporting up to 75 devices.

**Q: Is the connection to CommandCenterHD secure?**

A: Yes. Connections to CommandCenterHD from MediaBridge run over HTTPS (port 443) and encrypted port 26.

**Q: Is MediaBridge a commercial-grade unit?**

A: Yes. The MediaBridge is a commercial-grade product and is perfectly suitable for enterprise and small business applications. Network diagrams can be made available upon request.