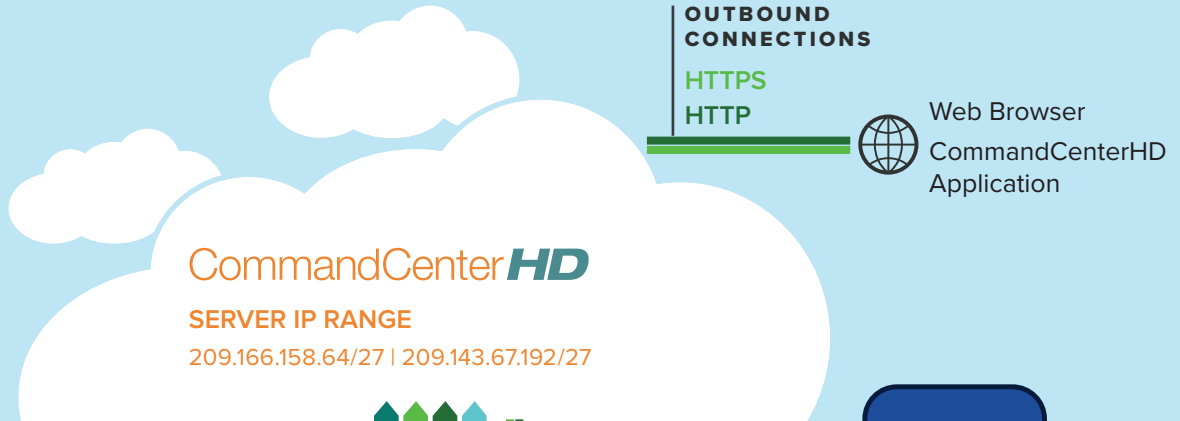


**DATA CENTER EQUIPPED WITH:**

- UPS power with battery and generator backup
- Secure location with 24-hour card access
- Climate controlled environment with redundant cooling systems
- Chemical fire suppression
- Dual/redundant power across separate breakers for all server and storage devices
- SSAE-16 and SOC2 Audited facility
- 24x7x364 on-site monitoring



**FIREWALL**

**MEDIABRIDGE PORTS**

- HTTPS/PORT 443**  
Connection to CCHD for media distribution, device and data synchronization packages. (TCP)
- HTTP/PORT 80**  
External web requests, remote images, other external sources.
- CRS/PORT 26**  
Maintenance/Triggers/Alerts
- PORT 22**  
WebCache
- DNS**  
Required to resolve CommandCenterHD server domain names. This can be done by a local or public DNS server.

**PLAYER PORTS**

- PORT 80**  
Player Synchronization  
Webcache & Firmware Updates

**OPTIONAL ADDITIONAL PORTS**

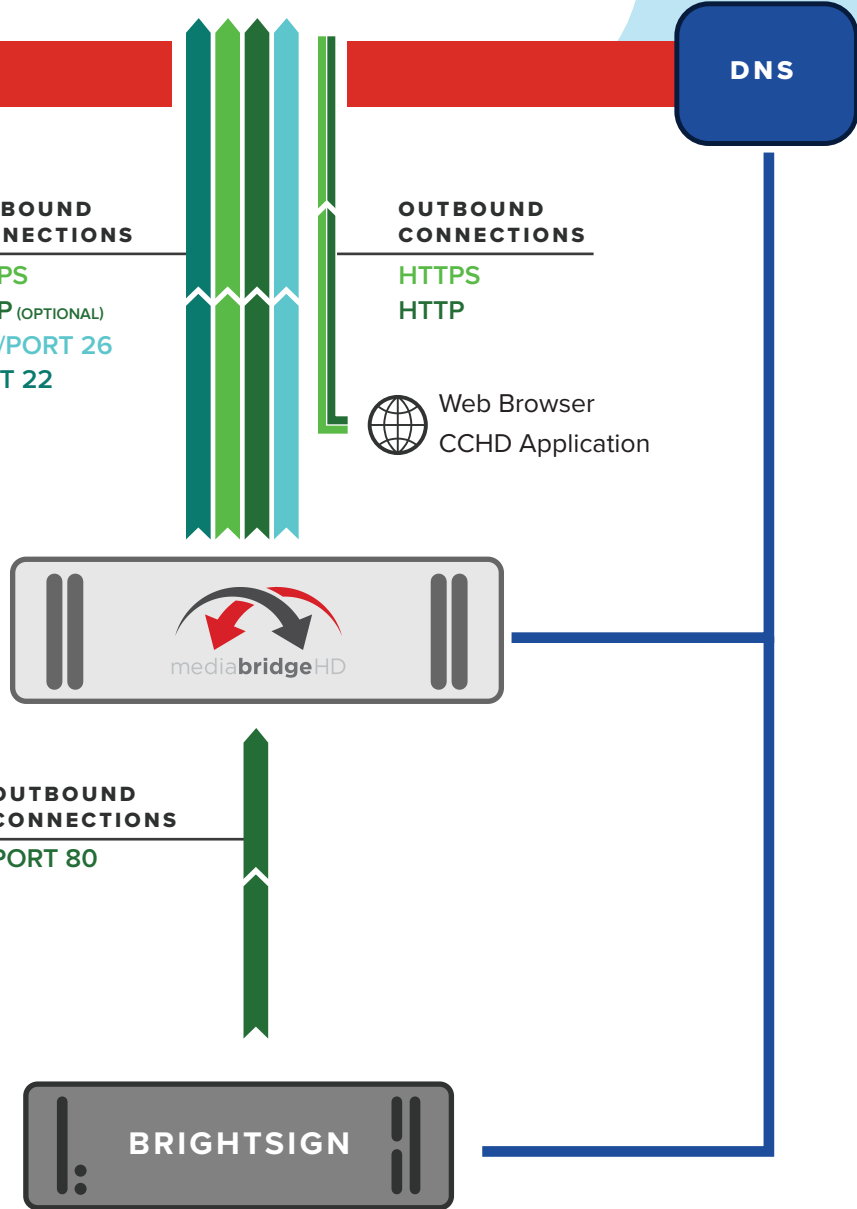
- If using external image cache, any images requiring other ports also need to be opened.
- LDAP & Port 389/636
- Port 22(Outbound & Inbound to Player for Diagnostics)

**OUTBOUND CONNECTIONS**

- HTTPS
- HTTP (OPTIONAL)
- CRS/PORT 26
- PORT 22

**OUTBOUND CONNECTIONS**

- HTTPS
  - HTTP
- Web Browser  
CCHD Application



Traffic is dictated by amount of new media added to application. MediaBridge can not run through another proxy. MediaBridges require static IPs. CommandCenterHD representatives may require SSH access to MediaBridge during installation and support. VPN access optional.



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**OUTBOUND CONNECTIONS**

- HTTPS
- HTTP



Web Browser  
CommandCenterHD Application

**FIREWALL**

**PLAYER PORTS**

- HTTPS/PORT 443  
Player Synchronization



DNS

**OUTBOUND CONNECTION**  
PORT 443



BRIGHTSIGN



Traffic is dictated by amount of new media added to application.

