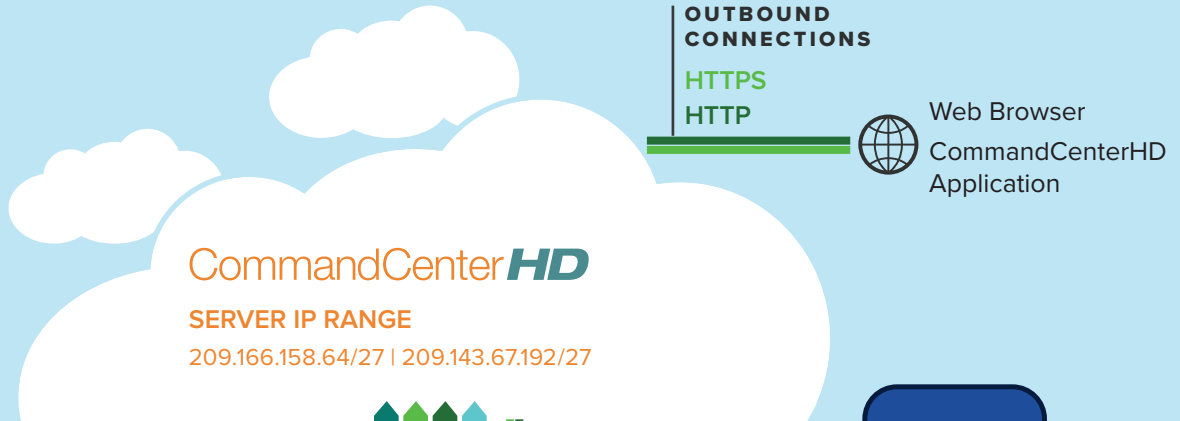


DATA CENTER EQUIPPED WITH:

- 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 (OUTBOUND)
Player Synchronization
Player Firmware Updates
WebCache

PORT 2626
CRS to Player:
Triggering, Diagnostics

PORT 80 (INBOUND)
Web Interface

PORT 7777
Diagnostics
Web Interface if SSL enabled

OPTIONAL ADDITIONAL PORTS

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

OUTBOUND CONNECTIONS

- PORT 443
- PORT 80 (OPTIONAL)
- PORT 26
- PORT 22

OUTBOUND CONNECTIONS

- HTTPS
 - HTTP
- Web Browser
CommandCenterHD Application



OUTBOUND CONNECTIONS

- PORT 80
- PORT 2626

INBOUND CONNECTIONS

- PORT 80
- PORT 7777 (OPTIONAL)



Traffic is dictated by amount of new media added to application. MediaBridges can not run through another proxy. MediaBridges require static IPs. CommandCenterHD representatives may require SSH access to MediaBridges 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**
Connection to CCHD for media distribution, device and data synchronization packages. (TCP)
- PORT 80 (INBOUND)**
Web Interface
- PORT 7777**
Diagnostics
Web Interface if SSL is enabled

OUTBOUND CONNECTION
PORT 443

INBOUND CONNECTIONS
PORT 7777 (OPTIONAL)
PORT 80



OPTIONAL ADDITIONAL PORTS

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

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

