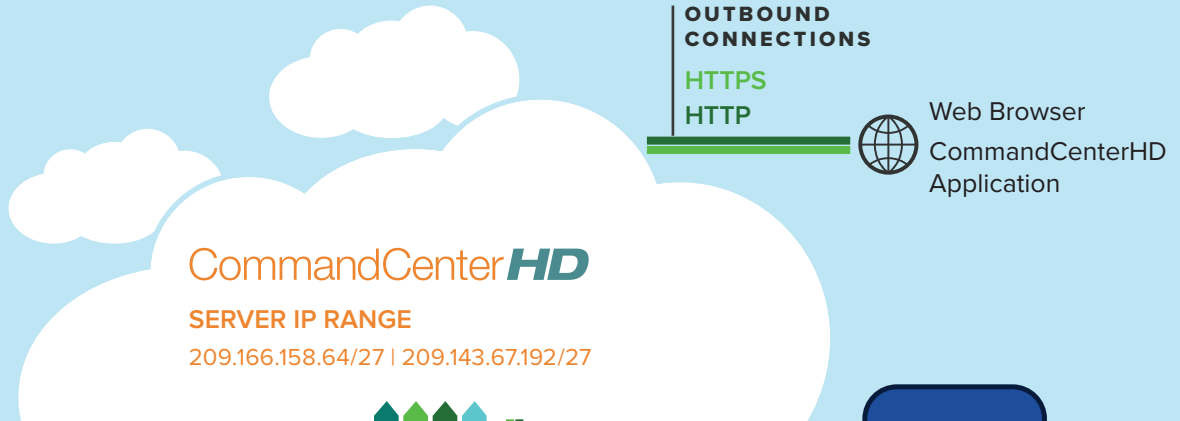


DATA CENTER EQUIPPED WITH:

- 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



OUTBOUND CONNECTIONS

- HTTPS
- HTTP



Web Browser
CommandCenterHD Application

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
Player Firmware Updates/
WebCache

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)

OUTBOUND CONNECTIONS

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

OUTBOUND CONNECTIONS

- HTTPS
- HTTP



Web Browser
CommandCenterHD Application



OUTBOUND CONNECTION

- PORT 80



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

Player Synchronization

PORT 80

Connection to CCHD for device SmartAuthorization



OUTBOUND CONNECTIONS

- PORT 443
- PORT 80



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

