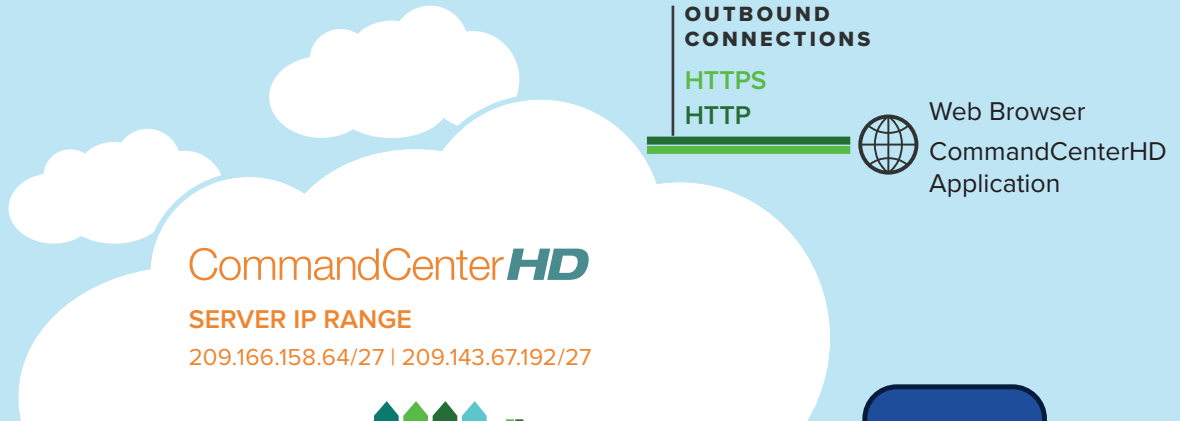


DATA CENTER EQUIPPED WITH:

- 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

HTTP/PORT 80
External web requests, remote images, other external sources.

PORT 3128
Optional Player proxy through CCRS for HTTP traffic. (TCP)

HTTPS/PORT 443
Connection to CCHD for media distribution, device and data synchronization packages. (TCP)

FTP/PORT 21
FTP extended passive mode

PORT 777
Specialized Player port for management information and commands. (TCP)

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 CONNECTIONS

- PORT 80
- PORT 3128 (OPTIONAL)

INBOUND CONNECTIONS

- PORT 80
- PORT 443
- PORT 21
- PORT 7777



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.

