PlayNetwork CURIOPlayer X5 Media Player
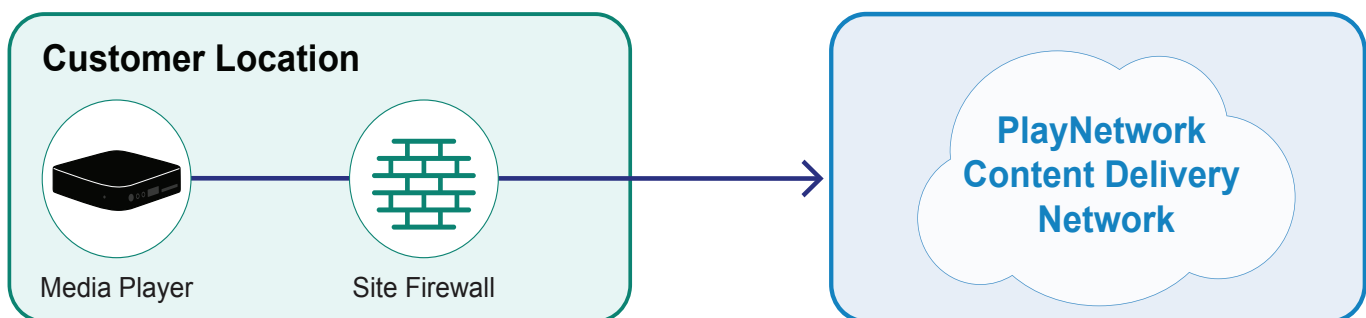## Network Requirements

HOW IT WORKS

The CURIOPlayer X5 communicates with PlayNetwork's content delivery network to perform the following operations:

- Retrieves content and scheduling updates, configuration changes, and PlayNetwork software updates during the scheduled download window
- Performs time sync operation with PlayNetwork servers
- Sends periodic status messages to PlayNetwork servers

NETWORK TOPOLOGY

PLAYER NETWORK REQUIREMENTS

- IP address via DHCP or static (IP address, gateway, subnet mask, primary DNS, and secondary DNS)
- DNS resolution
- Internet access to communicate with PlayNetwork's Content Delivery Network

ROUTER / FIREWALL SETTINGS

Preferred Method
Whitelist using the following preferred method:

SOURCE	DESTINATION	PORT / PROTOCOL	OUTBOUND	INBOUND
Player VLAN or Player IP	Any	443 (TCP)	Allow	Deny
Player VLAN or Player IP	Any	80 (TCP)	Allow	Deny
Player VLAN or Player IP	client selected DNS server	53 (UDP)	Allow	Deny

Items in bold are recommended.

Alternate Option 1

SOURCE	DESTINATION	PORT / PROTOCOL	OUTBOUND	INBOUND
Player VLAN or Player IP	*.apps.playnetwork.com	443 (TCP), 80 (TCP)	Allow	Deny
Player VLAN or Player IP	*.hs.llnwd.net	443 (TCP)	Allow	Deny
Player VLAN or Player IP	*.cloudfront.net	443 (TCP)	Allow	Deny
Player VLAN or Player IP	client selected DNS server	53 (UDP)	Allow	Deny

Items in bold are recommended

Alternate Option 2

(URLs are subject to change.)

SOURCE	DESTINATION	PORT / PROTOCOL	OUTBOUND	INBOUND
Player VLAN or Player IP	playnet.hs.llnwd.net	443 (TCP)	Allow	Deny
Player VLAN or Player IP	gc-device-api.apps.playnetwork.com	443 (TCP)	Allow	Deny
Player VLAN or Player IP	master-gc-key-api.apps.playnetwork.com	443 (TCP)	Allow	Deny
Player VLAN or Player IP	master-player-svc.apps.playnetwork.com	443 (TCP)	Allow	Deny
Player VLAN or Player IP	master-gc-playback-api.apps.playnetwork.com	443 (TCP)	Allow	Deny
Player VLAN or Player IP	schedule.apps.playnetwork.com	443 (TCP) & 80 (TCP)	Allow	Deny
Player VLAN or Player IP	connectivity.apps.playnetwork.com	80 (TCP)	Allow	Deny
Player VLAN or Player IP	client selected DNS server	53 (UDP)	Allow	Deny
Player VLAN or Player IP	*.cloudfront.net	443 (TCP)	Allow	Deny
Player VLAN or Player IP	content-api.apps.playnetwork.com	443 (TCP)	Allow	Deny
Player VLAN or Player IP	cloud.apps.playnetwork.com	443 (TCP)	Allow	Deny

Items in bold are recommended

INSTALLATION TIPS

- PlayNetwork recommends the media player utilize a private IP address and is installed on a non-PCI guest or vendor network that does not require authentication.
- If a login is required for the guest network, the media player's MAC address must be filtered to bypass the login before plugging the player into the network. The MAC address is located on the player. Player reboot is required after the MAC has been filtered.
- Enable Auto-Negotiation and Auto-Duplex on the network port the player is using.
- Enable PortFast on the port to enable the player to obtain a DHCP address.
- Disable port security so MAC filtering is not required on the port.