



IFS SYSTEM CAPABILITIES

DRIVE SYSTEMS + TIE LINES:

Redundant Network for Dante and AVB

- Dante 6x ports each side (FOH + BOH), primary and secondary
- AVB 2x port, each side, primary and secondary

Lighting Network:

- 5x Ports each side

Video/Comms Network:

- 15x Ports each side
- POE power for comm endpoints, PTZ cams and controllers
- 8TB BMD Cloudstore – Network storage
- Internet connectivity can be configured with an external (*not included) gateway/router

500 Foot Snake:

- 4x Opticalcon Quad (3x needed, 1x cold spare)
- 1x Ethercon (NOT FOR NETWORK CONNECTION. Analog audio tie lines)

Tie Lines:

- 1x Opticalcon DUO (or Dual LC Fiber)
- 4x Channels of analog audio in or out

Wireless Access Point:

- WiFi Access for Video, Audio, and Lighting
- 2x Access Points, FOH + BOH
Wired and wireless internet access can be setup on the Video network

MUX22:

- 8x SDI tie lines. Directional, 4x FOH to BOH and 4x BOH to FOH
- 4x 4-Wire ports also broken out to Audio In and Out

DSAN Network Extender:

- Connects DSAN timer clock and controller in either direction
- XLR and RJ45

CLEARCOM ARCADIA:

48 Licensed Ports (Upgradable). Ports can be:

- 1x Helixnet CHANNEL
- 1x Freespeak BELTPACK
- 1x Dante CHANNEL
- 1x V-Series Matrix PANEL
- 1x I.V. Direct Connection
 - V-Series Panels
 - Arcadia to Arcadia
 - Arcadia to LQ-R connections
- PHYSICAL PORTS do not use licenses

Freespeak:

- Supports FSII and ICON Beltpacks
- Connectivity for 5x Standard Freespeak TCVR at both FOH and BOH (10x total)
 - 5x Beltpack capacity per TCVR
- Connectivity for IP Transceivers
 - 10x Beltpack capacity per TCVR
 - Cannot be used alongside Standard TCVR
- 5-Bay FSII Charger in both FOH + BOH
- BOH has storage drawer for 6x FSII Beltpacks and 4x Standard TCVRs or 2x IP Transceivers

Helixnet:

- Supports all Helixnet Endpoints
- Connection via XLR (Helixnet Powerline, daisy chainable) and POE

V-Series Matrix Panels:

- 12/24 Button or Lever comm stations
- RJ45 connection to video network

Network Connection to other Arcadias and LQ-R Interfaces

APC 1500VA Uninterruptible Power Supply

L21-30 Power Input/Thru Doghouse w/ 6x Edison Out