

FS1 Mobile Unit

FS1 is FLOODstream's flagship mobile unit specializing in productions of live sports, entertainment and corporate communications. With a versatile IP audio and video backbone, FS1 supports on-site, remote and hybrid productions.

Production

- Newtek/Vizrt Tricaster TC1
 - 16-Ch Video Switcher w/ 2-Stripe Panel
- Newtek/Vizrt 3Play 4800
 - 8-Camera , 2-Ch Instant Replay System

Cameras & Connectivity

- 3x Panasonic AJ-PX800G HD Camera
 - 17x (2) & 22x (1) Fujinon Lenses w/extender
 - Studio or Handheld Configuration
 - Native IP Shading / Control
- 3x Panasonic AG-HPX370 HD Camera
 - 17x Fujinon Lens
 - Studio or Handheld Configuration
 - Cyanview IP Shading / Control
- 4x Marshall POV Cameras
 - Cyanview IP Painting
- 2x Marshall Pan/Tilt/Zoom Cameras (30x / 20x Optical)
 - Native IP Shading / Control
- 1x JVC HM-600 High Definition Camera
- 10x Magewell Pro Convert NDI Encoder
- *Hollyland Cosmo C2 Dual RF Kit available upon request*
- *Additional cameras and lenses available upon request*

Video Equipment

- CentralControl Studio
 - NDI Router, LiveTV Scopes
- 2x Cyanview RCP 4-camera control panel
- 2x Dell 3930 Precision Server for Video Processing
- Blackmagic Design Smart Videohub 20x20 SDI Router
- 5x AJA HD5DA Re-clocking Distribution Amplifiers
- 3x AJA SDI to HDMI Converters

Network

- Netgear M4250 AVLine A/V Network, featuring:
 - 1x 48 Port Switch (installed)
 - 2x 26 Port Switch (installed)
 - 5x 8-12 Port Switch (Field)
- Starlink Gen 2 w/ Unlimited Internet Connection

Displays

- 2x 55" Multi-View LED Monitor
- 10x 24" Monitor (Producer, GFX, Director, Audio and EIC)
- 1x 32" Courtesy Monitor at truck entrance (routable)
- 6x 8" Blackmagic Design Monitors (routable)
- 2x 19" Monitor w/ IP Video Decoders (Booth Kit)
- 2x 32" Courtesy Monitor w/floor stand (Field)

Graphics

- NewBlue Captivate Broadcast Edition
 - Multi-channel motion graphics w/ data integration
 - Powered by Dell 3930 Precision Server
- Scoreboard data integration:
 - SportzCast ScoreBot (Daktronics)
 - Graphics Outfitters ScoreBridgeIP (Universal)
- Alternate graphics systems available at additional cost:
 - Chyron IP
 - Ross Xpression



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Audio

- Behringer X32 Compact Digital Audio Console
- Behringer S16 AES Digital Stage Box (rack-mounted)
- Yamaha Tio1608-D Dante stage box
- 2x Neutrik NA2-IO 2-In/2-Out Dante “throw down” box
- 2x Amphe-Dante XLR Outputs
- 5x Audio Technica BPHS1 Announcer Headsets
- 4x Studio Technologies 204 Dante announcer consoles
- Stereo Audio Payout
- Microphones & IFB
 - 4x Sennheiser MD46 Handheld Mics
 - 2x Audio Technica AT897 Shotgun Mics
 - 5x Audio Technica Mini-Shotgun Mics
 - 2x Shure SM93 Lavalier Mics
 - Shure ULXD 2ch Wireless Receiver w/Dante
 - 2x ULXD Handheld Mics
 - 1x ULXD Wireless Lavalier Mic
 - Sennheiser AVX 1.9Ghz Digital Wireless System
 - Lavalier and Handheld Cardioid Mics
 - Lectrosonics T4 Wireless IFB Kit (Block 20)

Communications

- Dante Crew Communications & Talent IFB
 - Studio Technologies 8-Ch Producer Console
 - 10x Studio Technologies Dante Beltpacks
- 4-Channel Dante IFB/Talkback system
- 12-Ch. Unity Intercom system for remote communications
- External Communications via VOIP/Teams/Zoom/Meets
- *Hollyland 1000T Wireless 2-Ch Intercom System*
 - *8x 2 Channel Beltpacks w/Headsets*
 - *Dante connectivity*
 - *Available upon request*

Transmission

- LiveU LU300s (broadcast) and LiveU Solo (stream) encoders
- Satellite / LTN transmission available on request.
- Additional costs apply to transmission.

Lighting

- LED Utility Lighting throughout mobile unit
- 3x 660 LED Light Fixtures w/stands
- 2x Small onboard LED camera light

Cables

- 2x 300' 12-strand Tactical Fiber Optic Cable
- 1x 1000' 12-strand Tactical Fiber Cable
- 2x 1000' 4-strand Tactical Fiber Optic Cable
- 4x 500' 2-strand Tactical Fiber Optic Cable
- 2x 250' 2 XLR/SDI A/V Cable Snake
- 6x 250' Dual Cat5e Ethernet snake

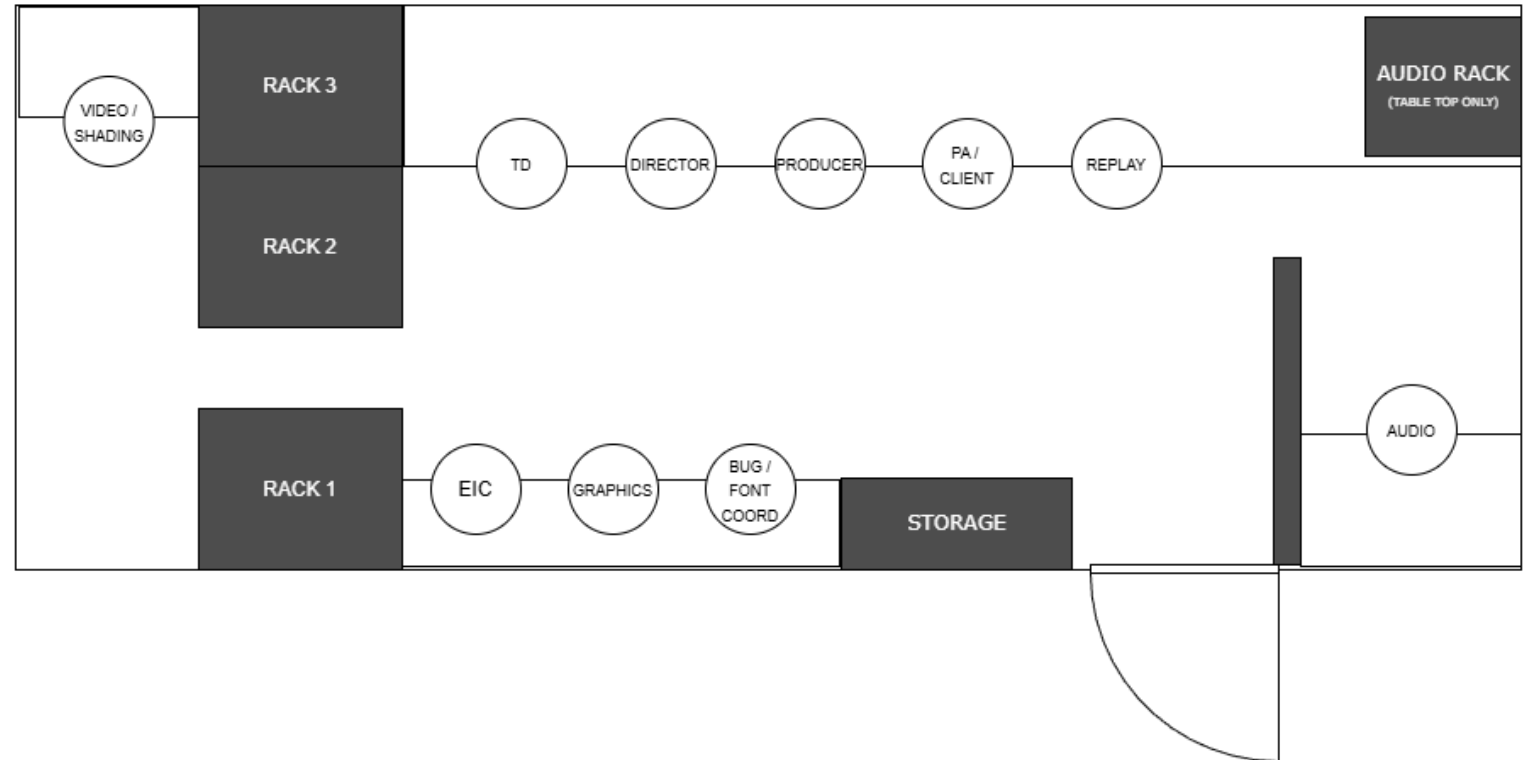
Electrical & Environmental

- 2x 13,500 BTU Roof-Mounted Air Conditioners
- 50 Amp Power via Camlock or RV Connector
- Reliance Controls 10-Circuit Transfer Switch
- 2x 1500VA Pure Sine Wave UPS Battery Backup
- 2x 1000VA UPS Battery Backup
- 4x Jackery auxillary field power units

Physical

- 24' x 8.5' Trailer
- 46' Total Length with Tow Vehicle

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Not to scale