

FOR-A Systems

**FOR.A**<sup>®</sup>  
INNOVATIONS IN VIDEO  
and AUDIO TECHNOLOGY



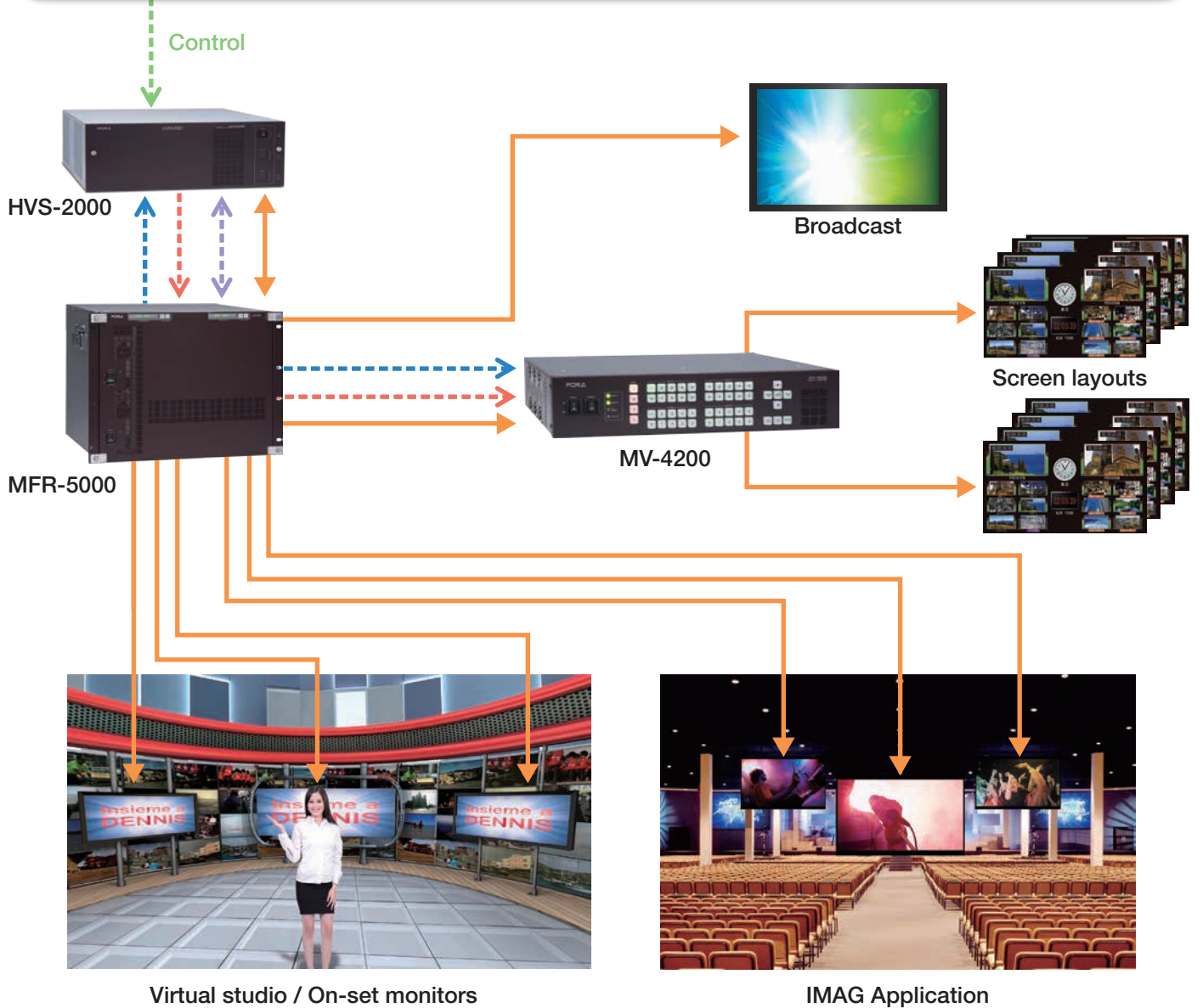
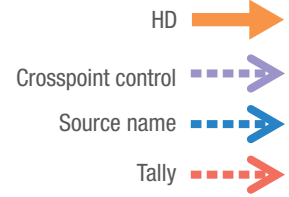
# FOR-A SYSTEMS



# FOR-A Solutions for Production and Broadcast

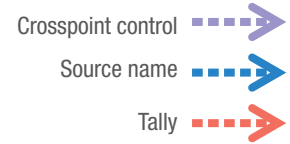


- FOR-A products offer the interface capabilities to build systems designed for your applications.
- FOR-A video switchers (HVS series), routing switchers (MFR series), multi-viewers (MV series), and multi-channel frame synchronizers (FA series) provide the perfect hubs for custom system solutions.
- A wide variety of interface options provide compatibility with industry-standard protocols.
- Name and Tally interface offers simplicity for the signal names used in your system.
- FOR-A offers a variety of custom software controls for Virtual Studio and Augmented Reality to fit your needs.
- Easily upgradable to 4K operation.



# Name and Tally Protocol

- FOR-A routing switchers, video switchers, and multi-viewers share signal name and tally data.
- Industry protocols offer compatibility with many existing systems.
- Video switchers can control crosspoints or salvo recall from routers.



## Video switchers



HVS-100/110



HVS-2000



HVS-390HS



## Routing switchers



MFR-1616



MFR-3232



MFR-3000



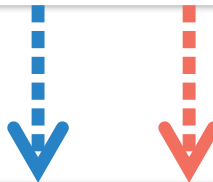
MFR-5000



MFR-8000



Remote control panels



## Multi-viewers



Screen layout



MV-1620HSA



MV-3200



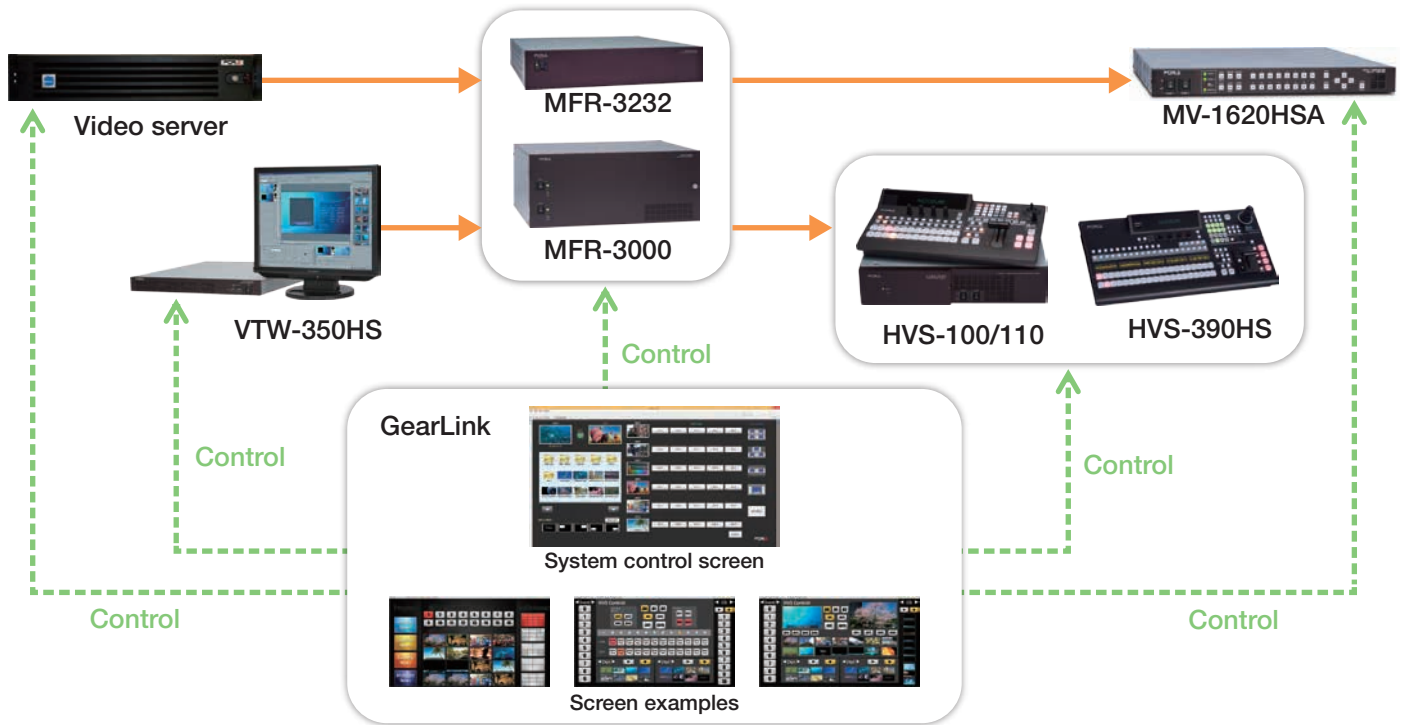
MV-4200

## Integrated Device Control Systems



- The FOR-A GearLink™ software offers integrated control over video switchers, character generators, routing switchers, video servers and multi-viewers.
- The VTW-350HS character generator offers NewsScroll and AutoCast plug-in compatibility for extra features and interface capability.
- Record and playback controls for MBP, Broadcast Box, Insight, and other video servers.
- GearLink offers custom interfaces specific to your needs.

HD



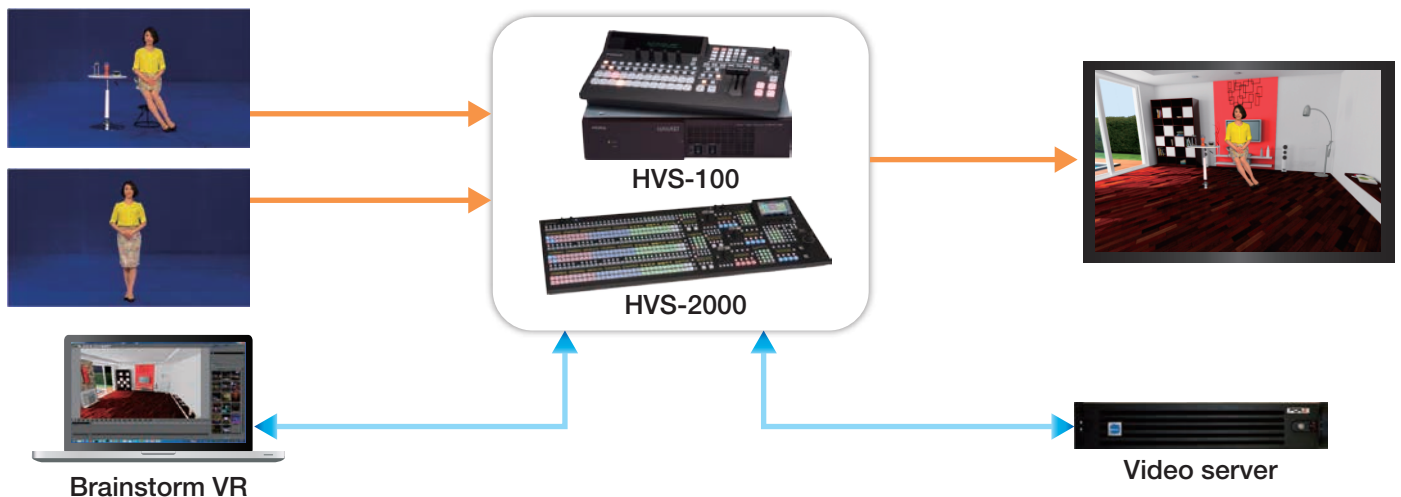
## Thunderbolt 2 Interface



- Provides a new standard in graphic, video, and control data exchange for the pro video market.
- Available on HVS video switchers, Brainstorm graphic systems, and video servers.
- Offers bidirectional compatibility with many computer-based graphic and video systems.
- Perfect solution for integrating titles, virtual studio, file sharing and streaming into a simple, custom solution.

HD

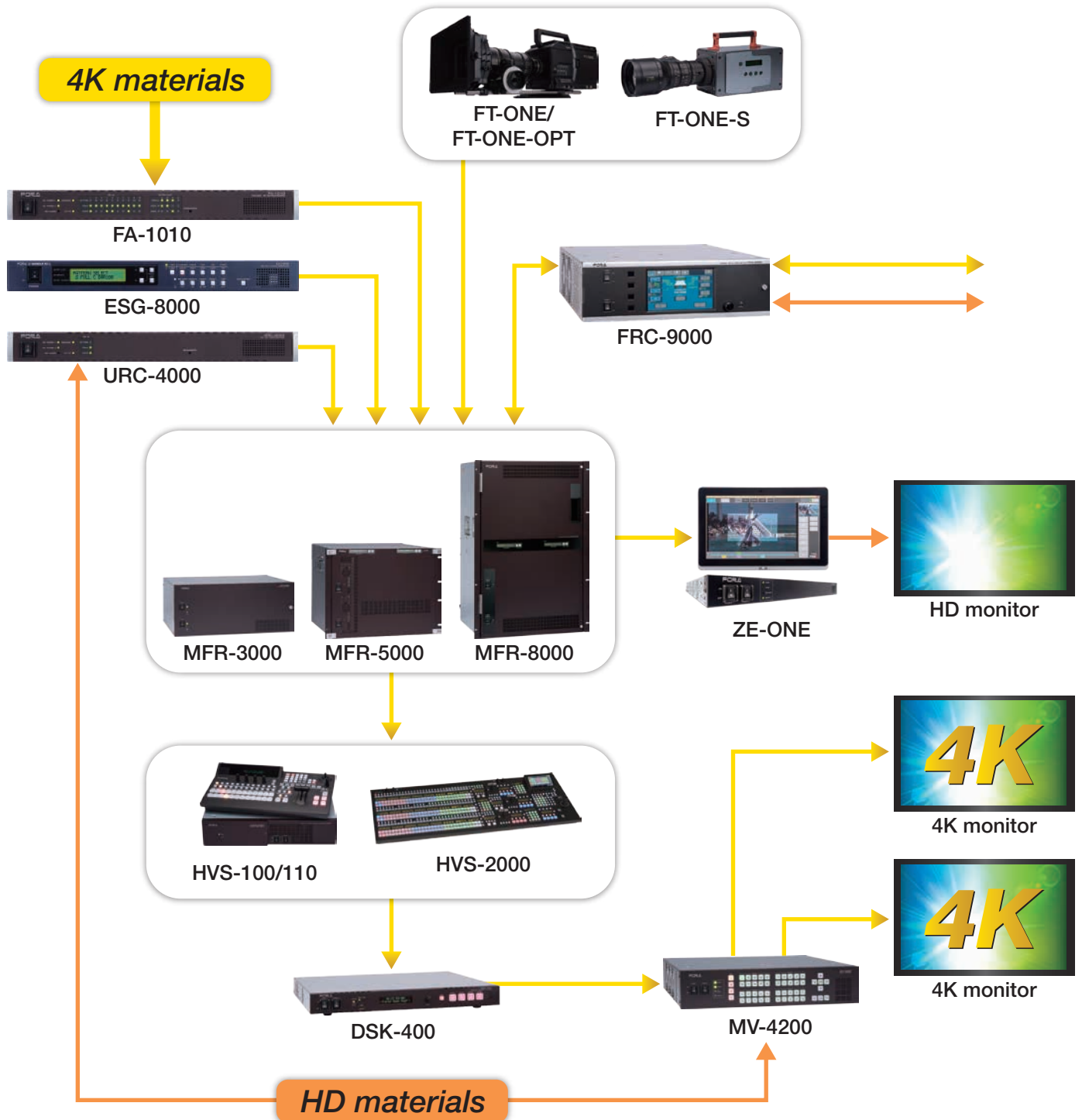
Thunderbolt 2



## 4K/HD Solutions for Production and Broadcast



- 4K 900 fps slow motion camera production system for sports and feature productions. Full resolution playback and HD extraction capability.
- 4K: video switcher, routing switcher, multi-viewer, up converter, down converter, test/sync generator, frame synchronizer, color corrector, and keyer with industry-standard interface.
- The world's first 4K high-end frame rate converter with vector motion processing.



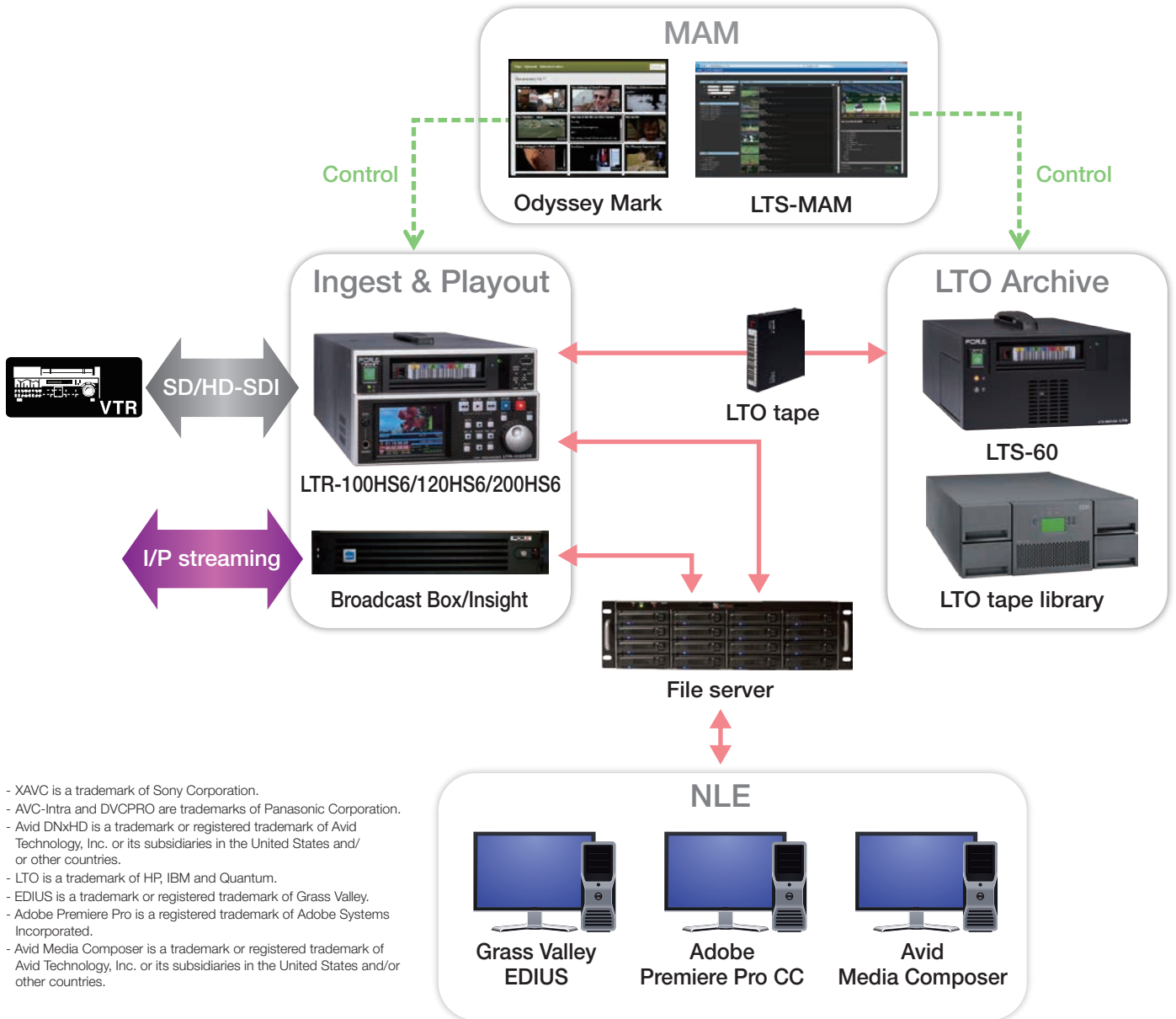


# File-based Workflow

File-based Products

- Provides a bridge between baseband and file-based applications.
- Supports the following codecs:
  - LTS-60: MPEG-2 (LTS-SX), AVC-Intra/DVCPRO (LTS-PAD), Avid DNxHD® (LTS-DNxHD), XAVC™ (LTS-XAVC), Apple ProRes (LTS-RPS)
  - LTR-100HS6: MPEG-2
  - LTR-120HS6: AVC-Intra/DVCPRO
  - LTR-200HS6: MPEG-2, AVC-Intra/DVCPRO, Avid DNxHD®, Apple ProRes (LTS-RPS)
- Several Media Asset Management (MAM) systems available to match your needs.
- Archive to LTO tape with options for dual tape creation, LTO copy, and robotic tape libraries.

MXF →



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- AVC-Intra and DVCPRO are trademarks of Panasonic Corporation.
- Avid DNxHD is a trademark or registered trademark of Avid Technology, Inc. or its subsidiaries in the United States and/or other countries.
- LTO is a trademark of HP, IBM and Quantum.
- EDIUS is a trademark or registered trademark of Grass Valley.
- Adobe Premiere Pro is a registered trademark of Adobe Systems Incorporated.
- Avid Media Composer is a trademark or registered trademark of Avid Technology, Inc. or its subsidiaries in the United States and/or other countries.



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