



Since 1986, our customers have come to rely on CEI for world-class consulting, systems design, integration, service, support, training and all professional Broadcast, AV and Multi-media equipment needs. CEI has a comprehensive maintenance and repair center, with

full-time professional broadcast, audio-visual and IT engineers offering on-site and in-house repair and support. CEI also offers training and customized maintenance contracts to fit your facility's unique needs. We can even help with your legacy systems!

Contact CEI

703-550-5800

Sales@commeng.com

www.commmeng.com



AWS Elemental Live provides real-time video and audio encoding for linear TV broadcast and live streaming to new media platforms. The software-based solution simultaneously processes multiple video outputs, delivering high-quality, high-efficiency performance to format live video for any device. AWS Elemental Live integrates seamlessly into an end-to-end real-time video delivery workflow, evolving with emerging technology to maximize revenue opportunities.

<http://www.elementaltechnologies.com/products>

AWS Elemental Features:

- Live Channel Playout
- Advanced Workflows
- Content Monetization
- Statistical Multiplexing
- Multiple Output Production
- Automation and Management



Dalet offers scalable, media workflow solutions for government agencies, non-government organizations and public institutions. IT teams need to continuously improve and efficiently manage all content at their fingertips within a certain time and budget. Acquiring, accessing, analyzing, managing, tagging, producing, distributing and archiving massive amounts of media and metadata has become a key driver of success. Be sure to ask us about GovMAM.

<http://www.dalet.com/>

[Dalet Galaxy](#) is a Media Asset Management (MAM) and Orchestration platform which unifies the content chain by managing assets, metadata, workflows and processes across multiple and diverse production and distribution systems

Dalet Solutions Power all Workflows:

- Library Management and Archiving
- Content Production and Distribution
- Content Acquisition and Surveillance



HARMAN is dedicated to providing world-class engineering, top notch design and delivering reliable, secure solutions to government and military agencies around the world. Our products are trusted in mission critical applications and relied upon daily to protect lives at home and abroad. We outfit training centers that shape the future leaders of countries. First responders rely on our solution sets to make immediate decisions and deploy the right resources.

<https://pro.harman.com/>

- [Soundcraft Ui24R Digital Mixing Console](#) - complete, rack-mountable, digital mixing and multi-track recording system that delivers flexible I/O, pristine sound quality, intuitive wireless control, and roadworthy reliability.
- [JBL Control HST Wide](#) - Coverage Speaker with 5-1/4" LF, Dual Tweeters and HST Technology™
- [JBL Control 25AV-LS](#) - Compact Indoor Outdoor Background Foreground Loudspeaker for Life Safety Applications
- [Crown CDi 4 300](#) - Analog input, 4 channel, 300W per output channel CDI amplifier



Imagine Communications Corp. provides the most complete end-to-end video solutions and is innovating to deliver the most advanced IP, cloud-enabled, software-defined network and workflow solutions in the world.

Scaling to up to thousands of PiPs, see one of Imagine's hottest new products, Epic MV, a hybrid IP, HD-SDI, UHD ready multi-viewer along with Versio, a flexible master control playout system for studio, mobile, Cloud and disaster recovery applications and SelenioFlex for file to file media processing for post and multi-screen applications!

www.imaginecommunications.com

- [EPIC™ MV](#) Designed to simplify monitoring environments as broadcasters migrate to IP, EPIC MV is a true hybrid solution that natively supports high-bandwidth uncompressed content, as well as low-bandwidth compressed streaming formats, including MPEG-2 and H.264/AVC.
- [Versio™](#) As a truly integrated, 100% software-based, and fully IP-enabled solution, Versio provides a disruption-free transition to the future of channel launch by enabling the widest variety of playout applications across flexible deployment models.
- [Selenio™ Network Processor \(SNP\)](#) is the industry's first pure -IP processor that ensures a seamless, high-quality workflow in today's hybrid environments.



The Microsoft Surface Hub is a powerful team collaboration device for the modern workplace. Providing a fully integrated audio, video, presentation, collaboration and VTC solution in a single 55" or 84" touchscreen display, the Microsoft Surface Hub is a complete, single box AV solution for Huddle Spaces, Conference Rooms and Project Workspaces with Windows 10, Office 365 and Skype for Business built in!

- Best way to create and brainstorm with others
- Engaging and productive meetings
- Platform for amazing large screen apps
- Designed for the modern workplace

[Product sheet](#)



Planar's commitment to high quality, leading-edge display technology is unparalleled. With innovations in video walls, large format displays, and touch interactivity, Planar offers the best visualization solutions for a variety of demanding vertical markets around the globe. The Planar Systems LED MultiTouch is the industry's first completely seamless interactive LED video wall. The solution brings LED Video Walls to life with a beautiful, smooth-to-the-touch interactive surface. Incorporating Planar's PLTS (Pliable LED Touch Surface) technology and a sleek touch frame, the Planar LED MultiTouch delivers a high-performance, interactive experience with 32 simultaneous touch points for single or multi-user environments.

www.planar.com

- Completely seamless interactive LED video wall
- Features Leyard PLTS technology, a specialized protective material that creates a smooth, durable and lightweight LED touch surface
- Enhanced visual performance with uniform color and brightness
- Anti-glare surface with no parallax effect
- Up to 32-point simultaneous touch capability
- Available in 108", 151" and 196" diagonal LED video walls



SAM delivers business-transforming solutions across the media production ecosystem. SAM's future-ready systems enable government agencies, corporations, broadcasters, content owners and service providers to evolve their business models to succeed in the consumer-driven era.

Whatever the application - broadcast production, sports, house of worship, entertainment and conference/events - Kula meets all your production needs.

<https://s-a-m.com/>

Kula - The most powerful production switcher in its class

- Available as 1, 2 & 3 M/Es
- 1 M/E 4K versions
- 2M/E version can be switched to 1M/E 4K mode bringing you to a new path forward to higher production values.
- Up to 8 key layers per M/E
- 4 floating DSKS for flexible keying across all M/Es
- 2RU mainframe, up to 42 inputs



Sony develops and manufactures video and audio technologies for a range of professional production applications. These include motion picture production, live event production, event videography, ENG/EFP, digital cinematography, digital cinema, visual imaging and archiving solutions.

[Media Backbone NavigatorX](#), Sony's next-generation content management, scalable and platform independent solution provides a user-friendly interface allowing you to customize workflows from video ingest & editing to archive & secure distribution at a budget friendly price tag. Navigator X integrates easily into existing infrastructure protecting the government's investment in existing equipment.

www.sony.com/professional

- [Ci](#)—media cloud platform excels at seamlessly bringing together content, teams, facilities and systems.
- [ODSD280U](#) - Optical Disc Archive Gen2 Table top drive with USB3 Drive
- [BRCX1000 Camera](#)—4K/HD PTZ camera with 1-inch Exmor® R CMOS sensor & PoE+
- [RMIP500](#) — IP Based PTZ Camera Remote Controller
- [PXWZ450](#)—4K 2/3-type CMOS sensor weight-balanced advanced shoulder camcorder with variety of network functions and low power consumption



Prism is **Tektronix's** latest media analysis platform with both IP and SDI I/O and touchscreen interface, all in Tek's familiar half rack form. Tek will also be showing the WFM2200A and WFM2300 portable waveform monitors as well as the WFM8300 providing 4K signal monitoring for the most leading edge production facilities. And be sure to see the astounding RSA306B portable spectrum analyzer with Signal VU-PC RF Analysis Software measuring signals from 9kHz to 6.2GHz!

www.tek.com

- [Prism](#) - Real time IP, SDI analysis and monitoring
- [SPG8000A](#) - PDP Sync-Generator and SDI Signal generator
- [WVR5250](#) Waveform SDI and HDMI
- [WFM8300](#) - 4K, Waveform Test with 4K and 3G SDI, Dolby Audio
- [WFM2300](#) x 2, Portable Waveform Analyzer, SDI, 3G, SFP, ASI, Dolby E and HDMO
- [Aurora/Hydra](#) File based testing
- [RSA306](#) Spectrum Analyzer



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