

## Contact

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## Top Skills

Project Management  
Program Management  
Organizational Leadership

## Languages

Spanish (Elementary)  
Italian (Limited Working)

## Certifications

Microlearning Collection  
NDI and Performance Media  
Networking  
Live Production with TriCaster  
Commvault Technical Sales  
Professional (2023)

# Jason Pepino

Director of Media Systems Design & Engineering  
Washington DC-Baltimore Area

## Summary

As Director of Media Systems Design & Engineering at CHESA, I lead the strategy, architecture, and execution of complex broadcast and media infrastructure programs. I oversee the design and modernization of mission-critical facilities, guiding organizations from legacy SDI environments to resilient, scalable IP-based ecosystems built on SMPTE ST 2110 and enterprise IT principles. My focus is not simply system design—it is building engineering standards, developing high-performance teams, and ensuring that every deployment aligns with long-term operational and business objectives. I work at the intersection of broadcast, IT, and enterprise architecture, translating technical complexity into practical, future-ready solutions for commercial and government clients. Previously, I served as a Design Engineer with Diversified and as Chief Engineer at the Al Jazeera International News Bureau in Washington, D.C., where I was responsible for the integrity and evolution of mission-critical broadcast systems. Those roles forged a disciplined approach to reliability, scalability, and execution under pressure. I am also a 17-year U.S. Navy veteran. That experience shaped how I lead: clear standards, accountability, and decisive action. I believe infrastructure should not just function; it should be engineered to endure.

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## Experience

### CHESA

4 years 4 months

#### Director of Media Systems Design & Engineering

January 2026 - Present (6 months)

Washington DC-Baltimore Area

Responsible for the architectural leadership and technical integrity of broadcast and media system deployments. Provides end-to-end oversight from solution development through commissioning, guiding system design, enforcing engineering standards, and ensuring alignment between client

requirements, technical execution, and delivery outcomes across federal and commercial projects.

#### Director of Broadcast Solutions

August 2024 - February 2026 (1 year 7 months)

Washington DC-Baltimore Area

As the Director of Broadcast Solutions at CHESA, I lead the design, development, and integration of cutting-edge broadcast and production facilities. I bring a strategic vision and deep expertise in broadcast technology to deliver state-of-the-art solutions that meet the evolving needs of our clients in the media and entertainment industry.

#### Senior Solutions Architect, Broadcast Specialist

September 2023 - August 2024 (1 year)

#### Solutions Architect

March 2022 - September 2023 (1 year 7 months)

Washington DC-Baltimore Area

#### Diversified.

#### Design Engineer

March 2020 - March 2022 (2 years 1 month)

Maryland, United States

Responsible for researching and designing media & entertainment projects with various budget needs from Prosumer temporary use studios to complete turnkey multi-million dollar facilities.

- Clients served include included: American Express, PBS Media Operations Center, Reach Media, WTTG, Charter Communications, and US Citizenship and Immigration Services.

- Equipment commissioning and operations experience with Apple, Avid, Blackmagic, Calrec, Dolby, Grass Valley, Evertz, Ross, Riedel, Miranda, Nvision, Omneon, Imagine, Panasonic, Sony, Telestream, Wohler, Yamaha, and many more.

#### TeamPeople

#### Chief Engineer for Al Jazeera DC Bureau

March 2016 - March 2020 (4 years 1 month)

Washington D.C. Metro Area

Directly managed a team of senior engineers in day-to-day operation of the premier international news organization. Was the main point of contact for the technology division with all vendors, stakeholders, and company executives.

- Initiated and managed multiple projects increasing the day-to-day efficiency of the operations teams resulting in more studio capability to conduct live shows and recorded programs in Washington D.C. and across the US.
- Researched and implemented cost-saving initiatives that resulted in saving the company more than \$100,000 a year in unnecessary services and fees to include internet service, fiber connectivity, and satellite connectivity.
- Manages all of the facility vendor contracts from HVAC to electrical systems ensuring 100% facility operation and staff comfort.
- Coordinates all of the modernization and maintenance for 12 remote location offices throughout the Americas ensuring company standardization across the globe.

## Transportation Security Administration (TSA)

### Studio Engineer

July 2015 - March 2016 (9 months)

Arlington, Virginia

Performed all of the maintenance and repair of audio and video broadcast equipment for the TSA post-production facility to include studio production equipment, field ENG equipment, Non-linear editing systems, and the internal broadcast network. Managed a project upgrading the video archive system, increasing capacity from 18TB to 96TB and upgraded the network backbone from 100Mb Ethernet to 4Gb Fiber. Developed standard operating procedures (SOPs) for the studio setup, non-linear editing systems, and field operations ensuring consistency and standardization.

## Defense Information School

### Lead Instructor of Broadcast Television and Radio Systems Maintenance Course

December 2013 - June 2015 (1 year 7 months)

Fort G. G. Meade, MD

Lead a team of four instructors in the development and delivery of curriculum that provided highly technical training to senior enlisted technicians in the operation, maintenance, troubleshooting and repair of broadcast equipment. The curriculum included analog and digital television signal fundamentals; analysis of SD/HD TV signals, video tape recorder repair, cameras systems, routing, and production control switchers, audio consoles, RF and fiber transmitters and the calibration and maintenance of TV broadcast equipment, and the development of IP based networks for a broadcast environment.

## USS Bataan (LHD 5)

### Leading Interior Communications Electrician

January 2012 - November 2013 (1 year 11 months)

Norfolk, Virginia Area

Managed 24 personnel across eight work-centers in the day-to-day operations of the interior communications maintenance and repair shop to include the design/redesign, installation, and integration of over 24,000 pieces of equipment including CCTV, Video over IP, telephones, alarm systems, and internal and external security camera systems. Shipboard project manager for the installation of the Consolidated Visual Information System (CVIS) Secure CCTV. Advised leadership on budgeting of audio/video expenditures and requirements utilizing a budget over \$500,000. Senior watch officer for Combat Systems and was responsible for maintenance coordination across departments to limit the loss of capabilities for the ship in-port or at sea. As a member of the Combat Systems Training Team, developed and deployed scenarios that trained Combat Systems sailors how to repair vital systems in emergency environments.

USS Enterprise (CVN-65)

Combat Systems Department Assistant Maintenance Manager

August 2010 - November 2011 (1 year 4 months)

Norfolk, Virginia Area

Organized, planned, and coordinated preventative maintenance for 132 personnel in 27 different work-centers across nine divisions, encompassing information technology, communication systems, weapon systems, and navigation systems for the Combat Systems Maintenance Department. The efforts of my teams resulted in a 96% completion rate of maintenance.

USS Enterprise (CVN65)

Department Training Coordinator

March 2008 - November 2010 (2 years 9 months)

Norfolk, Virginia Area

Coordinated, conducted, and tracked the completion of safety, operations, and general military training for more than 200 active duty sailors across nine divisions ensuring the department was 100% compliant with shipboard and Navy regulations.

USS Enterprise (CVN 65)

Division Front-Line Supervisor

March 2007 - August 2010 (3 years 6 months)

Norfolk, Virginia Area

Managed 12 personnel and four work-centers in the corrective and preventative maintenance of the ship's CCTV, Secure CCTV, and Avaya telephone system, supporting more than 6,000 Sailors and Marines over two deployments to the Mediterranean and the Middle East. Developed the system drawings and managed the project to install the cabling and equipment of the Secure Video Distribution System (SVDS). The efforts of the team resulted in two personnel receiving spot advancements, and the overall group won multiple rewards for their efforts over their deployments.

### Naval War College

#### Audio Visual Technician and Telecommunications Manager

January 2004 - January 2007 (3 years 1 month)

Newport, Rhode Island

Managed 12 personnel in the operation and maintenance of a high-tech auditorium, 18 classrooms and their associated audio/visual display and communication equipment. Additionally, my team performed corrective and preventative maintenance on the Avaya telephone system encompassing four buildings. Managed the installation, operation, and management of the ISDN bridge video conferencing system. My team and I also provided on-site support for video-teleconferences for executive leadership.

### Armed Forces Radio Network

#### Broadcast Technician

August 1999 - August 2003 (4 years 1 month)

Catania Area, Italy

Utilized block diagrams, schematics, and technical manuals, to perform corrective and preventative maintenance on facility equipment consisting of 2 radio studios, 4 AVID editing bays, a live production studio, an FM radio transmitter, a TV transmitter, and multiple Microwave transmitter links across Sicily for personnel that lived off base. Hand-selected to join the installation team in Naples, Italy to relocate all of the facility equipment to a new location. Our efforts resulted in zero downtime for the audience and a more efficient and high-tech facility that consisted of 2 radio studios, four editing bays, and a live production studio. Deployed to Kosovo to maintain remote FM and TV transmitter sites, and install satellite downlinks ensuring four bases in the region were able to watch the Armed Forces Network.

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## Education

University of Maryland University College

Master of Science - MS, Business, Management, Marketing, and Related Support Services · (2018 - 2020)

**University of Phoenix**

Bachelor's Degree, Business with emphasis on Global Business Management (BSB/GBM) · (2009 - 2015)

**New England Institute of Technology**

AS Electronics Engineering Technology, Electrical, Electronics and Communications Engineering · (2005 - 2006)

**Defense Information School**

Navy NEC 4747 - Broadcast Radio and Television Systems Maintenance Technician, Radio and Television Broadcasting Technology/ Technician · (2003 - 2003)