

ROBERT J. BUCARO

Senior Broadcasting Engineer



I am seeking an opportunity with a company that can leverage my decades of proven expertise in broadcast engineering and technology. I am committed to continuous learning, always studying emerging technologies and their application within this industry, while focusing on advancing my career and contributing to organizational success.

With extensive experience in network news broadcasting, I have collaborated with systems engineers, network designers, and IT leads to innovate state-of-the-art broadcast hardware and software solutions. I have developed tools that perform flawlessly in both live and pre-taped environments, minimizing downtime, avoiding costly failures, and protecting brand reputation. By working closely with production personnel, I gained deep insight into the creative and journalistic processes, ensuring that the technical solutions I implemented fully supported content creation at the highest level.

Regardless of scale, every project requires the same commitment: delivering results with the right people, on time, and within budget. I specialize in maintaining operational efficiency while minimizing costs, ensuring reliability without compromising innovation.

My background includes decades of broadcast and audio engineering experience at the forefront of evolving technology. I have successfully managed infrastructure and workflows for large-scale operations, making complex systems work seamlessly under demanding conditions.

Key Technical Experience Includes:

- Operation of 60+ Grass Valley video servers and RAIDs for live broadcasts across multiple time zones (digital video, MJPEG format).
- Engineering in-house video streaming services with Miranda SMEs, utilizing H.264 and H.265 codecs for OTT distribution.
- Cisco CCNA training with strong knowledge of IT and network systems engineering.
- Hands-on experience with AWS and remote IT services, including virtual machines and Evertz EXE IP/video routers for large-scale cloud-based SDI video networks.
- Expertise in IP-based intercom systems, remote network monitoring, remote KVM, SMPTE standards, and DANTE audio routing in cloud environments.
- Proficiency with multiple operating systems, including iOS, Windows, macOS, and Linux variants.

ROBERT J. BUCARO

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201.321.0438

PROFILE

Professional Systems Engineer with a proven track record of success in the entertainment industry. Experienced in **streaming media, audio editing, Avid video editing, and broadcast engineering maintenance**, with a strong foundation in arts and design. I am skilled in designing, building, and maintaining complex broadcast systems, as well as managing technical teams.

- **Project Management:** Expertise in planning, executing, and delivering projects on time and within budget, with a strong focus on detail and cost control.
- **Leadership:** Successfully supervised crews of 20+ across union and non-union projects worldwide.
- **Technical Expertise:** Current with streaming technologies, cloud-based workflows (AWS), and evolving broadcast infrastructure.
- **Global Experience:** Traveled internationally to lead large-scale broadcast remotes for high-profile special events.
- **Adaptability:** Remote work-savvy with hands-on experience across diverse technical environments.

CONTACT

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HOBBIES

*Writing, Recording & Playing Music
Computer Build, Modify & Repair
Fishing, Boating & Jet Skiing
Traveling & Exploring Foreign Countries*

WORK EXPERIENCE

NBC Universal Media, LLC.
Senior Broadcast Engineer
May 1995–Present

On-Air Systems Engineering & Maintenance professional with extensive experience supervising and managing engineering teams for large-scale system builds, upgrades, and decommissions. Skilled in rolling out software updates, configuring equipment, and working with leading manufacturers to ensure reliable, cutting-edge broadcast solutions. Partnered with design engineers to develop and implement project solutions under strict budgetary and time constraints.

Video & Broadcast Expertise

- Operated and maintained 60+ Grass Valley Video Servers utilizing the FFMEG format.
- Engineered in-house video streaming services with Miranda SMEs, employing H.264 and H.265 compression codecs for OTT distribution.
- Strong background in digital video workflows, live broadcast operations, and fault-tolerant system design.

Networking & IT Skills

- Cisco CCNA-trained with solid knowledge of IT and network systems engineering.
- Experienced in AWS and remote IT services, including virtual machines and Evertz EXE IP/Video Routers, supporting large-scale cloud-based SDI video networks.
- Proficient in IP-based intercom systems, remote network monitoring, remote KVM, SMPTE standards, and DANTE audio routing in cloud environments.

Additional Technical Proficiencies

- Experienced across multiple operating systems: iOS, Windows, macOS, and Linux variants.
- Adept at managing both on-premises and cloud-based broadcast infrastructures.

Independent Contractor (W1099)
Systems Engineer Supervisor/Manager
April 1993–April 1995

Worked for various Engineering and Installations Companies such as: NTC, Systems Group, MTI and various east and west coast engineering firms. I supervised groups of 15-25 people over various shifts to implement workflows for large budget project builds including decommissioning old infrastructures and outdated systems.

Power Station
A2 (Assistant Audio Engineer)
May 1991–March 1993

Audio Engineering (A2) Recording, Editing and Mastering Multitrack Audio Recordings using Analog & Digital Recording Machines and Servers. Editing with Pro Tools and Logic Pro software. Recording room set-up including mic placement, machine calibrations and audio patching. Working with many top artists for scheduled album releases in the industry.

EDUCATION

Fort Lauderdale College 1984-1988
Bachelor of Science (Business Administration)

Lodi High School Class of 1984

HONORS-AWARDS

**2012 Emmy Award (Technical Team Studio)
for London Olympics**

**1996 Emmy Award (Technical Team
Studio) for Atlanta Olympics**

CERTIFICATES

NBC (on-site) Training NYC, 2015
Cisco CCNA Networking Class

New York, NYC Apple Training Class, 2005
Final Cut Pro

New York University NYC, 1997
AutoDESK AutoCAD Electronic Design Class

3M Fiber Optic Class NYC, 1996
Fiber Optic Terminations and Connections Class

Center for the Media Arts NYC, 1989 Audio Engineer