

Professional Resume of Steven C. Johnson

8324 Strawberry Lane

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WORK EXPERIENCE

- 2008 -- Johnson Telecom, LLC – Charlotte, NC
Title: Owner/Consultant
Support MSOs, equipment vendors, and associations on technical regulatory issues.
- 2002 – 07 Time Warner Cable – Charlotte, North Carolina
Title: Senior Director, Advanced Technology Group
Support Time Warner Cable in FCC Compliance and Technical Standards activities. Supervise Signal Leakage and FCC licensing programs. Represent Time Warner Cable in Technical Standards committees of SCTE, CEA, ATSC, and Cable Labs.
- 1997 - 02 Time Warner Cable/American Television & Communications - Denver, Colorado.
Title: *Director, Engineering & Technology*
Oversee the operation of Time Warner Cable's National Training Center. The NTC has a staff of 14 and includes 9 Regional Training Managers located throughout the country. Additionally, responsible for the Senior Project Engineer duties listed below.
- 1984 - 97 Title: *Senior Project Engineer*
Technical resource for Time Warner Cable Divisions and Corporate. Act as Time Warner Cable's representative on technical standards in the areas of National Electrical Code, Emergency Alert Systems, Signal Leakage, etc. Consulted with Time Warner Telecommunications and outside vendors on interfacing PCS/wireless telephony to fiber nodes in Time Warner's Full Service Network in Orlando. Organize and administer corporate signal leakage program. Work with cable TV systems to ensure compliance to FCC and FAA requirements. Department head of the Denver Engineering group during 1989. Performed due diligence and evaluations on foreign and domestic acquisitions. Represent TWC in various Engineering industry committees including NCTA, SCTE-EAS, SCTE-Engineering.
- 1983 - 84 Johnson Consulting - Elizabeth, Colorado and West Palm Beach, Florida.
Title: *Owner/Operator*
Provided technical assistance to cable TV companies throughout the United States. Performed FCC Proof-of-Performance testing and wrote technical franchise proposals. Testified at franchise hearings in Puerto Rico.
- 1981 - 83 Cotten and Associates, Inc. - Denver, Colorado.
Title: *Consulting Engineer*
Completed microwave field engineering reports, coordinated cable TV construction projects, and performed technical evaluations of CATV systems.
- 1979 - 81 United Cable Television Corporation - Denver, Colorado and Tulsa, Oklahoma.
Title: *Eastern Regional Plant Supervisor*
Responsible for technical quality of 20 cable television systems in 6 states. Oversaw upgrades and channel additions on previously 12 channel systems.

1977 - 79 Title: *Project Engineer*
and Designed and constructed headends and earth stations for cable systems.
1974 - 75 Served as a technical troubleshooter for company cable systems.

EDUCATION

Bachelor of Science - *Electronics Engineering Technology* -
Oklahoma State University

Broadband Communications Engineer and Broadband Premise Specialist
Certifications- SCTE

Broadcast Engineer Certification / TV - SBE

MEMBERSHIPS

Society of Cable Television Engineers - 15,000 members

Chairman of the Board – 1997-1998

Eastern Vice Chairman – 2006-2008

Senior Member since 1984

Region 2 Director representing AZ, NM, CO, UT, WY – 1995 -1999

Region 10 Director representing NC, VA, WV, DC, KY – 2004 - 2008

President of the Rocky Mountain Chapter – 1987

President of the Piedmont Chapter – 2005 - 2007

TWC Representative on the NCTA Engineering Committee - 1991-2008

FCC General Radiotelephone License

Senior Member - IEEE

ARTICLES PUBLISHED

Regular contributor to International Broadband Library

“Powering:NEC Implications for Network Powered Broadband
Communications Systems” - 1996 NCTA Technical Papers - co-authored with
Oleh Snieszko, TCI

“Techno-Regulatory Confusion: Why Regulating Cable Systems With PTSN
Rules Does Not Make Sense” - 1996 NCTA Technical Papers - co-authored with
Jay Vaughan, Time Warner Cable

"Time Warner's PCS Experiment in Orlando" - Communications Technology
December 1994

"Aural Carrier Center Frequency Measurement" - CED June 1994

"How to Adjust Audio Carrier Deviation" - Communications Technology
November 1989

"Locating Signal Leakage" - CED October 1989

"Monitoring and Locating Signal Leakage" - Communications Technology
August 1988

HOBBIES

Amateur Radio - Advanced Class - N0AYE, Computer Programming, Bicycling

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PROFESSIONAL OBJECTIVES *Full utilization of my engineering skills with 31 years of cable television experience.*

AREAS OF KNOWLEDGE AND EXPERTISE National Electric Code Compliance
FCC Technical Rules and Regulations
Satellite Communications
Microwave Engineering
Cable Engineering, Technical Auditing and Testing

- * Technical resource to Time Warner Cable Divisions and Corporate.
- * Organize and administer Time Warner Cable's Signal Leakage Program.
- * Represent Time Warner Cable on the NCTA Engineering Committee.
- * Represent Time Warner Cable on the NCTA Technical Standards Subcommittee.
- * Advise company legal department on technical issues for FCC rule makings.
- * Perform due diligence to investigate acquisitions and new business domestically and abroad.
- * Represent Time Warner Cable on Emergency Alert System committees.
- * Performed FCC Proof-of-Performance Testing. Advise TWC of rule changes.
- * Testified in Franchise Hearings in Puerto Rico.
- * Owned and Operated Consulting Company Providing Technical Assistance to Cable TV Companies throughout the United States.

- * Senior Member of the Society of Cable Television Engineers.
 - Chairman of the Board – 1997-1998
 - Eastern Vice Chairman of the Board – 2006-2008
 - Fully certified - Broadband Communications Engineer through the SCTE.
(4th person in the US to be fully certified)
 - Region 2 Director 1995-1999 serving AZ, NM, CO, UT, WY
 - President of Rocky Mountain Chapter 1987.
 - Region 10 Director 2004 – 2008 serving NC, VA, WV, DC, KY
 - President of Piedmont Chapter 2004 - 07
 - Past Chairman of the Engineering Committee.
 - Past Chairman of the SCTE EAS Subcommittee.
 - Past Working Group Chair SCTE Digital Video Systems Subcommittee

- * Certified - Broadcast Engineer/Television endorsement through the SBE.

- * Senior Member of IEEE.

- * Holder of FCC General Radiotelephone License and Advanced Class Amateur Radio License - N0AYE.

- * Author of several published technical papers.

EDUCATION Oklahoma State University, Stillwater, OK -- Bachelor of Sciences Degree in *Electronics Engineering Technology.* Various industry technical seminars.