

**Jack S. Burton**  
Principal  
Broadband Success Partners

**BACKGROUND**

30+ year veteran of Cable, Broadcast, Wireless, and Telephone technology. Well versed in Project Management and Team Leadership, as well as practical experience in the “nuts and bolts” that makes it all work.

**PRIOR EXPERIENCE**

10/01 – 3/2017 Director, Systems Engineering ALTICE USA / *CABLEVISION SYSTEMS (Corporate)*. Woodbury, NY  
Evaluate and specify new technologies and equipment for use by various Cablevision business units. Technologies include VOIP (Gateways, SoftSwitches, SBCs, MTAs, CPE), DWDM transport of SONET, SAN, Gig-E, MPEG Video; DOCSIS cable modems, CMTSs, Metro Ethernet, Digital Microwave Links, FTTH technologies: RFoG and PON. WiFi/Cellular Fixed-Mobile Convergence including VCC, Cellular Network Integration (HSS, HLR, DM, SMSc, etc.), CDMA and GSM. Conventional OSP/Headend equipment added to responsibilities in 2011. Participate in industry forums/conferences, including service on *Cablelabs* PacketCable Certification Board, Backbone/VOIP Peering, WiFi Federation, VOIP Operators Forum, Advance MAC and PHY (DOCSIS 3.1), and Business Services Committees. Presented papers and served on panels at numerous CableLabs conferences and IQPC ENUM Summit. Served on SCTE Cable-Tec Expo Program Committee (2 years); WG5 Next-Generation Access Committee.  
**Chairman** – *Cablelabs PacketCable Certification Board* fall 2011 – spring 2017.  
Published articles: “*Media Center – Voice*” quarterly column, Broadband Library magazine, spring 2007 through summer 2008. Training: Management Core Leadership Skills.

1/95 – 10/01 Director, Network Engineering. *CABLEVISION LIGHTPATH*. Hicksville, NY  
Planned and managed CLEC/CAP network systems. Direct supervision of Design/Construction, Circuit Design/Provisioning, and Network Engineering Managers. Planning and project assignment for the Lightpath Network, consisting of 5ESS Switches, DACSII and DACSIV systems, and SONET transmission systems linking several carriers and over twelve hundred on-net buildings, as well as over 10,000 residential customers via HFC. Construction of new CO facilities and transmission hubs, frame relay and ATM switches, DWDM transmission systems, SDH transmission and gateway systems. COLR/DLR production. Capacity management. OSS development including OSI NetExpert, Smallworld, Remedy/MSI. Growth of department size from 2 employees to 32. Growth of network to over 800 SONET network elements in three states. (Acting Manager, Fiber Optics from 1/95-6/95 in addition to above duties).

10/88 - 12/94 Manager, Fiber Optics. *CABLEVISION SYSTEMS*. Woodbury, NY  
Supervised design, construction and installation of all Fiber Optic facilities used by the Long Island, NY System and *Cablevision Lightpath* CAP. Projects include: FM, AM, and Digital video links; High-speed data links, including DS-1, 3, OC-3, 12, 48, DACS, etc.; Evaluation of fiber optic equipment and services. Training and supervision of Fiber Optic Designers and Technicians, construction and splicing contractors. Preparation and tracking of Capital and Operating Budgets. Staff Engineer, Fiber Optics from 10/88 - 10/92.

Published Article: "The Nuts and Bolts of High Speed Digital Access via CATV Fiber", Communications Technology magazine, July 1993.

7/85 - 8/88 Project Engineer. VIACOM INTERNATIONAL - MTV Networks Division. New York, NY  
Supervised design, construction, and installation of: Tape playback and control room facilities; Automated video delay system; ANI Satellite Transmission System; MATV Systems; On-line 1"-3/4" computer edit system; PC-based CAD system; Computer network wiring; Key telephone systems. Performed budgeting/planning for above projects and extensive facility support upgrade for Smithtown facility including Power and HVAC, PBX telephone system. Planning and field communications support for MTV Productions:

"New Year's Eve 1986"; "Amnesty Concert"; "Spring Break Live from Daytona Beach";  
"New Year's Eve 1987"; "Liberty Weekend"; "Remote Control"; "Spring Break 1988";  
"Amuck in America".

Served on the National Academy of Television Arts and Sciences *Technical EMMY Award* committee.

3/84 - 7/85 Staff Engineer. TRIBUNE/UNITED CABLE. Rockville, MD  
Supervised design and construction of: 110 Channel Cable Headend; 60 Channel AML Microwave System; 60 Channel basic and premium cable audio service; Two-way addressable control computer system; High-speed (T1) and medium speed point-to-point data links using CATV cable; management and maintenance of 150-station PBX telephone system/Automatic Call Director system. Installation and management of data links connecting computer terminals with remote host.

6/81 - 3/84 Staff Engineer. WARNER AMEX CABLE COMMUNICATIONS. Cincinnati, OH  
Activation of 3 complete remote hub stations, each including TVRO and off-air reception as well as microwave; design of an FM AML Video link for WCET/QUBE Downtown Studio program transmission; transmission of QUBE data via AML Microwave. Implemented reverse path maintenance and security program as *Non-RF Coordinator*; Design of computer software for use by the Non-RF and Dispatch departments. Invention of a telephone-less tone switching system for remote hub program control, and an automatic remote control system for sweep transmitters.

From 6/81-5/82 underwent extensive training program in all facets of the CATV business. Training included several weeks as a staff member in each of the following departments: Underground Construction; Aerial Construction; Make-Ready; Database; Computer Operations; Demand Maintenance (Repair); Preventive Maintenance; Activation, Work-In-Process (customer service); Sales; Installation; Design/Drafting.

**EDUCATION**            **B.S.** Rensselaer Polytechnic Institute, Troy, N.Y. (May 1981)  
Major: **Electrical Engineering**    Minor: **Communications**  
Chief Operator, Program Director - Radio Station WRPI  
Link/Packet Committee Chairman RPI Radio Club W2SZ

**LICENSES**            FCC:    First Class Commercial with Ship Radar Endorsement (now General Class); Amateur Extra Class (amateur radio license), *Call sign K2CQ*  
FAA:    Private Pilot - Airplane, Single and Multi-Engine Land; Instrument Rating

**PERSONAL**            Married; Age 56; 3 Children;    Hobbies: Flying, Amateur Radio.

**REFERENCES AVAILABLE UPON REQUEST**