

Sentinel Consulting, LLC
9737 NW 41 St., # 357
Miami, Florida 33178

REDACTED

July 25, 2012

Florida Public Service Commission
Office of Commission Clerk
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

120216-7X

COMMISSION
CLERK

12 AUG - 7 AM 11:42

RECEIVED-FPSC

RE: **Integrated Path Communications, LLC** - Application for Authority to provide Competitive Local Exchange Telecommunications Company Service within the State of Florida


To Whom It May Concern:

Enclosed please find the original and one (1) copy of **Integrated Path Communications, LLC** 's Application for Authority to provide Competitive Local Exchange Telecommunications Company Service within the State of Florida as well as the initial Access Tariff. Enclosed is Integrated Path Communications, LLC check no. 1062 for \$400.00 made out to the Florida Public Service Commission.

Also enclosed are a separate letter requesting CONFIDENTIAL TREATMENT of **Integrated Path Communications, LLC** 's financial reports and a sealed manila envelope with the original financial documents marked CONFIDENTIAL

Please acknowledge receipt of this filing by returning via email to filings@sentinelcc.com or via fax (206-666-5848), the file-stamped extra copy of this cover letter. Also please send the original file-stamped copy in the self addressed stamped envelope provided for that purpose.

Questions regarding this filing may be directed to Matthew Schulman at 786-229-2222 or emailed to filings@sentinelcc.com

COM	_____
AFD	_____ Sincerely,
APA	_____
ECO	_____ 
ENG	_____
GCL	_____ Matthew Schulman
IDM	_____ Regulatory Consultant for Integrated Path Communications, LLC
TEL	_____ <i>forwarding Tariff</i>
CLK	_____

Tel: 786-229-2222 Fax: 206-666-5848
Email: filings@sentinelcc.com

DOCUMENT NUMBER-DATE

05377 AUG -7 12

FPSC-COMMISSION CLERK

FLORIDA PUBLIC SERVICE COMMISSION

DIVISION OF REGULATORY ANALYSIS

**APPLICATION FORM
for
AUTHORITY TO PROVIDE COMPETITIVE LOCAL EXCHANGE
TELECOMMUNICATIONS COMPANY SERVICE
WITHIN THE STATE OF FLORIDA**

Instructions

- A. This form is used as an application for an original certificate and for approval of sale, assignment or transfer of an existing certificate. In the case of a sale, assignment or transfer, the information provided shall be for the purchaser, assignee or transferee (See Page 8).
- B. Print or type all responses to each item requested in the application. If an item is not applicable, please explain.
- C. Use a separate sheet for each answer which will not fit the allotted space.
- D. Once completed, submit the original and one copy of this form along with a non-refundable application fee of **\$400.00** to:

**Florida Public Service Commission
Office of Commission Clerk
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850
(850) 413-6770**

- E. A filing fee of **\$400.00** is required for the sale, assignment or transfer of an existing certificate to another company (Chapter 25-24.815, F.A.C.).

- F. If you have questions about completing the form, contact:

**Florida Public Service Commission
Division of Regulatory Analysis
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850
(850) 413-6600**

FORM PSC/RAD 8 (5/08)
Commission Rule Nos. 25-24.810,
and 25-24.815

Note: To complete this interactive form Required
by using your computer, use the tab key to
navigate between data entry fields.

1. This is an application for (check one):

Original certificate (new company).

Approval of transfer of existing certificate: Example, a non-certificated company purchases an existing company and desires to retain the original certificate of authority rather than apply for a new certificate.

Approval of assignment of existing Certificate: Example, a certificated company purchases an existing company and desires to retain the existing certificate of authority and tariff.

2. Name of company: Integrated Path Communications, LLC

3. Name under which applicant will do business (fictitious name, etc.):

Integrated Path Communications, LLC

4. Official mailing address:

Street/Post Office Box: 381 Lake View Road
City: Caryville
State: NY
Zip: 12516

5. Florida address:

Street/Post Office Box: 11380 Prosperity Farms Road, # 221E
City: Palm Beach Gardens
State: FL
Zip: 33410

6. Structure of organization:

- | | | | |
|-------------------------------------|---------------------|--------------------------|---------------------|
| <input type="checkbox"/> | Individual | <input type="checkbox"/> | Corporation |
| <input checked="" type="checkbox"/> | Foreign Corporation | <input type="checkbox"/> | Foreign Partnership |
| <input type="checkbox"/> | General Partnership | <input type="checkbox"/> | Limited Partnership |
| <input type="checkbox"/> | Other, | | |

7. **If individual**, provide:

Name:
Title:
Street/Post Office Box:
City:
State:
Zip:
Telephone No.:
Fax No.:
E-Mail Address:
Website Address:

8. **If incorporated in Florida**, provide proof of authority to operate in Florida. The Florida Secretary of State corporate registration number is:

9. **If foreign corporation**, provide proof of authority to operate in Florida. The Florida Secretary of State corporate registration number is: H12000150542

10. **If using fictitious name (d/b/a)**, provide proof of compliance with fictitious name statute (Chapter 865.09, FS) to operate in Florida. The Florida Secretary of State fictitious name registration number is:

11. **If a limited liability partnership**, please proof of registration to operate in Florida. The Florida Secretary of State registration number is:

12. **If a partnership**, provide name, title and address of all partners and a copy of the partnership agreement.

Name:
Title:
Street/Post Office Box:
City:
State:
Zip:
Telephone No.:
Fax No.:
E-Mail Address:
Website Address:

13. **If a foreign limited partnership**, provide proof of compliance with the foreign limited partnership statute (Chapter 620.169, FS), if applicable. The Florida registration number is:

14. Provide **F.E.I. Number**(if applicable): 42-1714854

15. Who will serve as liaison to the Commission in regard to the following?

(a) The application:

Name: Matthew Schulman
Title: Regulatory Consultant
Street name & number: 9737 NW 41st Street, #357
Post office box:
City: Doral
State: FL
Zip: 33178
Telephone No.: 786-229-2222
Fax No.: 206-666-5848
E-Mail Address: filings@sentinelcc.com
Website Address:

(b) Official point of contact for the ongoing operations of the company:

Name: Brian Shepard
Title: President
Street name & number: 381 Lake View Road
Post office box:
City: Craryville
State: NY
Zip: 12516
Telephone No.: 518-320-8720
Fax No.: 347-220-1118
E-Mail Address: bshepard@ipc-llc.com
Website Address:

(c) Complaints/Inquiries from customers:

Name: Brian Shepard
Title: President
Street/Post Office Box: 381 Lake View Road
City: Craryville
State: NY
Zip: 12516
Telephone No.: 518-320-8720
Fax No.: 347-220-1118
E-Mail Address: bshepard@ipc-llc.com
Website Address:

16. List the states in which the applicant:

(a) has operated as a Competitive Local Exchange Telecommunications Company.

New York

(b) has applications pending to be certificated as a Competitive Local Exchange Telecommunications Company.

Texas

(c) is certificated to operate as a Competitive Local Exchange Telecommunications Company.

New York

(d) has been denied authority to operate as a Competitive Local Exchange Telecommunications Company and the circumstances involved.

none

(e) has had regulatory penalties imposed for violations of telecommunications statutes and the circumstances involved.

none

(f) has been involved in civil court proceedings with an interexchange carrier, local exchange company or other telecommunications entity, and the circumstances involved.

none

17. Indicate if any of the officers, directors, or any of the ten largest stockholders have previously been:

(a) adjudged bankrupt, mentally incompetent (and not had his or her competency restored), or found guilty of any felony or of any crime, or whether such actions may result from pending proceedings. If so, provide explanation.

none

(b) granted or denied a competitive local exchange certificate in the State of Florida (this includes active and canceled competitive local exchange certificates). If yes, provide explanation and list the certificate holder and certificate number.

none

(c) an officer, director, partner or stockholder in any other Florida certificated or registered telephone company. If yes, give name of company and relationship. If no longer associated with company, give reason why not.

none

18. Submit the following:

(a) Managerial capability: resumes of employees/officers of the company that would indicate sufficient managerial experiences of each.

(b) Technical capability: resumes of employees/officers of the company that would indicate sufficient technical experiences or indicate what company has been contracted to conduct technical maintenance.

(c) Financial Capability: applicant's audited financial statements for the most recent three (3) years. If the applicant does not have audited financial statements, it shall so be stated. Unaudited financial statements should be signed by the applicant's chief executive officer and chief financial officer affirming that the financial statements are true and correct and should include:

1. the balance sheet,
2. income statement, and
3. statement of retained earnings.

Note: This documentation may include, but is not limited to, financial statements, a projected profit and loss statement, credit references, credit bureau reports, and descriptions of business relationships with financial institutions.

THIS PAGE MUST BE COMPLETED AND SIGNED

REGULATORY ASSESSMENT FEE: I understand that all telephone companies must pay a regulatory assessment fee. Regardless of the gross operating revenue of a company, a minimum annual assessment fee, as defined by the Commission, is required.

RECEIPT AND UNDERSTANDING OF RULES: I acknowledge receipt and understanding of the Florida Public Service Commission's rules and orders relating to the provisioning of competitive local exchange telecommunications company (CLEC) service in Florida.

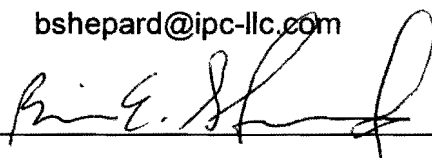
APPLICANT ACKNOWLEDGEMENT: By my signature below, I, the undersigned officer, attest to the accuracy of the information contained in this application and attached documents and that the applicant has the technical expertise, managerial ability, and financial capability to provide competitive local exchange telecommunications company service in the State of Florida. I have read the foregoing and declare that, to the best of my knowledge and belief, the information is true and correct. I attest that I have the authority to sign on behalf of my company and agree to comply, now and in the future, with all applicable Commission rules and orders.

Further, I am aware that, pursuant to Chapter 837.06, Florida Statutes, "**Whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his official duty shall be guilty of a misdemeanor of the second degree, punishable as provided in s. 775.082 and s. 775.083.**"

Company Owner or Officer

Print Name: Brian Shepard
Title: President
Telephone No.: 518-320-8720
E-Mail Address: bshepard@ipc-llc.com

Signature: _____



Date: _____

7/6/2012

Exhibit A

Florida Articles of Incorporation

FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

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No Events No Name History

Detail by Entity Name

Foreign Limited Liability Company
INTEGRATED PATH COMMUNICATIONS, LLC

Filing Information

Document Number M12000003203
FE/EIN Number NONE
Date Filed 06/06/2012
State NY
Status ACTIVE

Principal Address

381 LAKE VIEW ROAD
CRARYVILLE NY 12516

Mailing Address

381 LAKE VIEW ROAD
CRARYVILLE NY 12516

Registered Agent Name & Address

CORPORATE CREATIONS NETWORK, INC.
11380 PROSPERITY FARMS ROAD, #221E
PALM BEACH GARDENS FL 33410 US

Manager/Member Detail

Name & Address
Title MGRM
SHEPARD, BRIAN
381 LAKE VIEW ROAD
CRARYVILLE NY 12516

Annual Reports

No Annual Reports Filed

Document Images

06/06/2012 -- Foreign Limited

Note: This is not official record. See documents if question or conflict.

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No Events No Name History

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State of Florida, Department of State

M1200003203

Florida Department of State
Division of Corporations
Electronic Filing Cover Sheet

Note: Please print this page and use it as a cover sheet. Type the fax audit number (shown below) on the top and bottom of all pages of the document.

((H12000150542 3))



H120001505423ABCU

Note: DO NOT hit the REFRESH/RELOAD button on your browser from this page. Doing so will generate another cover sheet.

To: Division of Corporations
Fax Number : (850)617-6383

From: Account Name : CORPORATE CREATIONS INTERNATIONAL INC.
Account Number : 110432003053
Phone : (561)694-8107
Fax Number : (561)694-1639

Enter the email address for this business entity to be used for future annual report mailings. Enter only one email address please.

Email Address: _____

Foreign Limited Liability Company
Integrated Path Communications, LLC

Certificate of Status	1
Certified Copy	0
Page Count	04
Estimated Charge	\$130.00

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TALLAHASSEE, FLORIDA

FILED
12 JUN -6 AM 7:50
SECRETARY OF STATE
TALLAHASSEE, FLORIDA

B. BOSTICK

JUN - 7 2012

EXAMINER
6/6/12 3:22 PM

APPLICATION BY FOREIGN LIMITED LIABILITY COMPANY FOR AUTHORIZATION TO TRANSACT BUSINESS IN FLORIDA

IN COMPLIANCE WITH SECTION 608.503, FLORIDA STATUTES, THE FOLLOWING IS SUBMITTED TO REGISTER A FOREIGN LIMITED LIABILITY COMPANY TO TRANSACT BUSINESS IN THE STATE OF FLORIDA:

1. Integrated Path Communications, LLC
(Name of Foreign Limited Liability Company; must include "Limited Liability Company," "L.L.C.," or "LLC.")

(If name unavailable, enter alternate name adopted for the purpose of transacting business in Florida and attach a copy of the written consent of the managers or managing members adopting the alternate name. The alternate name must include "Limited Liability Company," "L.L.C.," "LLC.")

2. New York 3. _____
(Jurisdiction under the law of which foreign limited liability company is organized) (FBI number, if applicable)

4. May 10, 2006 5. perpetual
(Date of Organization) (Duration: Year limited liability company will cease to exist or "perpetual")

6. upon filing of this application
(Date first transacted business in Florida, if prior to registration.)
(See sections 608.501 & 608.502 F.S. to determine penalty liability)

7. 381 Lake View Road
Craryville, NY 12516
(Street Address of Principal Office)

8. If limited liability company is a manager-managed company, check here

9. The name and usual business addresses of the managing members or managers are as follows:
Brian Shepard 381 Lake View Road Craryville NY 12516

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DEPT. OF STATE
TALLAHASSEE, FLORIDA

10. Attached is an original certificate of existence, no more than 90 days old, duly authenticated by the official having custody of records in the jurisdiction under the law of which it is organized. (A photocopy is not acceptable. If the certificate is in a foreign language, a translation of the certificate under oath of the translator must be submitted.)

11. Nature of business or purposes to be conducted or promoted in Florida: _____
Telecommunications

Jessica Morales
Signature of a member or an authorized representative of a member.
(In accordance with section 608.408(3), F.S., the execution of this document constitutes an affirmation under the penalties of perjury that the facts stated herein are true.)
Brian Shepard by Jessica Morales as attorney-in-fact
Typed or printed name of signee

CERTIFICATE OF DESIGNATION OF REGISTERED AGENT/REGISTERED OFFICE

PURSUANT TO THE PROVISIONS OF SECTION 608.415 or 608.507, FLORIDA STATUTES, THE UNDERSIGNED LIMITED LIABILITY COMPANY SUBMITS THE FOLLOWING STATEMENT TO DESIGNATE A REGISTERED OFFICE AND REGISTERED AGENT IN THE STATE OF FLORIDA.

1. The name of the Limited Liability Company is:

Integrated Path Communications, LLC

If name unavailable, the alternate name to be used in the state of Florida is:

2. The name and the Florida street address of the registered agent and office are:

Corporate Creations Network Inc.

(Name)

11380 Prosperity Farms Road #221E

Florida Street Address (P.O. Box **NOT** ACCEPTABLE)

Palm Beach Gardens

FL

33410

City/State/Zip

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DEPARTMENT OF STATE
TALLAHASSEE, FLORIDA

Having been named as registered agent and to accept service of process for the above stated limited liability company at the place designated in this certificate, I hereby accept the appointment as registered agent and agree to act in this capacity. I further agree to comply with the provisions of all statutes relating to the proper and complete performance of my duties, and I am familiar with and accept the obligations of my position as registered agent as provided for in Chapter 608, Florida Statutes.

Corporate Creations Network Inc. Jessica Morales, Special Secretary

(Signature)

- \$ 100.00 Filing Fee for Application
- \$ 25.00 Designation of Registered Agent
- \$ 30.00 Certified Copy (optional)
- \$ 5.00 Certificate of Status (optional)

Exhibit B

Managerial Resume

Integrated Path Communications, LLC

Description of Managerial Qualifications

Brian Shepard is the founder, President and driving force behind Integrated Path Communications, LLC. Mr Shepard brings over 20 years of combined leadership, professional and managerial experience to this venture. As a CATV Engineer he possess a wide and varied range of complementary skills and knowledge, all of which make him uniquely positioned to execute this project. Specifically, Mr. Shepard were instrumental in building Cablevision Systems Corporation—one of the United States' leading media, entertainment and telecommunications companies—\$5+ billion effort to rebuild its cable system. As the Regional Director of Engineering at Cablevision, New York, Mr. Shepard led a team of 200 people in rebuilding the headends facilities throughout the New York Metropolitan Area to accommodate the rebuilding of the necessary infrastructure and cutting edge technology for Cablevision's largest franchises in Brooklyn and the Bronx, New York. Employing both leadership and cutting edge technology expertise to achieve delivery of the triple play products offered by Cablevision, including Video on Demand (VOD) and advanced high speed data applications.

Additionally, Mr. Shepard designed and built Cablevision's first ever Network Operations Center (NOC) and Inter-Connecting Optical Network (ION) spanning New York, New Jersey and Connecticut. The NOC and ION allowed Cablevision to better support its new systems and customer applications across its rebuilt cable system. As the Principal of a professional engineering firm, Integrated Path Communication (IPC), Mr. Shepard continues to lead large scale technological initiatives with the United States largest CATV operator, Comcast Cable. The professional services offered by Mr. Shepard to Comcast Cable include budget management, capacity management, project management and network architecture detail design of a network stretching across America in nearly every state in the United States. These efforts have allowed Comcast Cable to offer more advanced products such as streaming video to a computer (Packet Video), Switched video-on-demand and video conferencing. These advanced services require greater speed, bandwidth and network reliability to support Comcast Cable's more than 40 million multi-product subscribers.

In support of the Verizon FIOS TV product, Mr Shepard was responsible for engineering of video transmission and switching platforms for the delivery of FIOS TV service offering and related services on the national FTTP video network.

- Responsibilities include the engineering of area-wide and company-wide video network deployments, data transport, switching/routing systems including layer 3 migration
- Engineering of video headends, regional video hub office, medium haul networks, and video serving office (i.e. central office) equipment.
- Issue work orders and oversee implementations based on network plans.
- Managing capacity requirements and developing capacity management process that initiates additional capacity for all video network components.
- Performing root cause analysis.
- Engineering of video application subsystems including EAS, Ad-insertion, VOD, IPG, Gaming.
- Reviewing video construction projects and their capital costs for validation of alignment with approved guidelines and the capital program
- Define IP VHO and IP SHE FIOS TV Architecture – Capacity Growth Project
- Manage IPTV Cross function team definitions and requirements gathering

IPC, LLC also provide key support to Verizon's Turn Key manufacture – Motorola. In this roll Mr. Shepard scope of Responsibilities/Expectations was to prepare test plans/procedures from system requirements for Motorola's Digital Video Systems Integration, which is a part of the DVS System Engineering organization. DVS Integration is responsible for the integration and verification of features and functions of Motorola digital CATV Headend and IPTV equipment. Additionally, Mr. Shepard work with directly with Comcast Engineering and Verizon Engineer on establishing test requirements based on their use cases, and developing tests to troubleshoot customer failures.

Exhibit C

Technical Resume

BRIAN E. SHEPARD

111 East 30th Street
Suite 11C
New York, NY 10016

Phone: 212-689-1098
Cell: 212-380-7974
bshepard@ipc-llc.com
brianeshepard@hotmail.com

EXPERIENCE

INTERGRATED PATH COMMUNICATIONS, LLC – CRARYVILLE, NY
President, Principal, Director of Engineering, Program Manager, Consultant

4/2006 to Present

- Test Engineer – Provide verification of features and functions of Motorola digital CATV Headend equipment for **Motorola DVS System Integration**, which is a part of the DVS System Engineering organization at **Horsham, PA.**
- Prepare test plans/procedures from system requirements for Motorola DVS System Integration, which is a part of the DVS System Engineering organization at Horsham, PA.
- Create test reports and present results to engineering teams and Project management for Motorola DVS System Integration, which is a part of the DVS System Engineering organization at Horsham, PA.
- Monitor the project life cycle of multiple simultaneous projects within Comcast Cable National Engineering & Technical Operations
- Supported CMTS upgrade for supporting VOIP and Power Boost for **Comcast Cable National Engineering & Technical Operations**
- Supported CMTS Next Generation Project in support of VoIP for Comcast Cable National Engineering & Technical Operations
- Analyze and forecast capital requirements for **Comcast Cable National Engineering & Technical Operations** new products and services
- Develop spreadsheets, power point presentations, and formal documents describing capacity and budget requirement for **Comcast Cable National Engineering & Technical Operations**
- Designed and Implemented a Capacity Planning models for Comcast Cable National Engineering & Technical Operations CMTS Capacity management team
- Designed and Implemented a Capacity Planning models for Comcast Cable National Engineering & Technical Operations Digital Video Transport
- Designed and Implemented IPTV Network Architecture for deployment in Haiti TV Cable System
- Designed and Implemented PON Architecture for deployment in Haiti TV Cable System
- Provide Capacity Planning Modeling including forecasting budgets to Haiti TV Cable System
- Designed and Implemented Gig-E transport for Haiti TV Cable System
- Designed and Implemented VOD System for Haiti TV
- Project managed Haiti TV System Build and Launch

IBM/ Department Of Education

2/2010 to 6/2012

Consultant – Sr. Project Manager/Sr. Video Engineer

As the key in-house Digital Video Subject Matter Expert (SME) I am responsible for the final determination that all IPDVS systems for the New York Department of Education meet the IPDVS design specifications and standards. The adherence process includes review of vendors' installations, which includes the Cisco Network infrastructure, Digital Video surveillance equipment, MPEG encoders, servers, video content servers and auxiliary video hardware, and servers/workstations operating systems within New York City schools.

- Serves as in-house expert and authority in IPDVS for multiple building environments. Consults on changes in network infrastructure and product/hardware selection.
- As a Project Manager overseeing vendors and applies quality assurance to the implementation, installation and verification of the component checkout process performed in a standard based environment for the IPDVS project. And delivers a status assessment report indicating whether each schools IPDVS system is accepted as complete or not.

- Documents modifications to configurations, tests and verifies solution functionality and determines and isolates problem source.
- Manages and maintains all individual acceptance reports along with an overall QA summary of all sites.
- Implements problem source identification/determination and technical support of all digital video surveillance cameras, MPEG encoders, Windows operating systems, Cisco switches, routers, firewalls and general network connectivity components at IPDVS sites citywide.
- Evaluates IPDVS application software configuration parameters associated with each unique school.
- Analyzes MPEG-4 encoder configuration, firmware level and port mapping documentation.
- Coordinates, provides, reviews and assures strict adherence to highly technical specifications and standards for all IPDVS systems.

Ascent Media Group New York, NY

8/2008 to 1/2010

Global Manager of Operations and Engineering

In conjunction with VP, Global Resources manage daily network operations of global DTM transport network as the principle operations expert

Network Operations

- Oversee DTM nodes, interconnections, service levels and provide Tier 1 and Tier 2 support to regional operation teams
- Issue work orders and oversee implementations based on network plans developed by my office or customer
- Developed and Managed capacity management process
- Performing root cause analysis and communicate to Sr. Staff outage results.
- Oversee network software and hardware upgrades across entire network including compatibility testing and managing release notes details, features and bug-fixes
- Identify and approve all groom and maintenance requests made by carrier-vendors. Submit all maintenance requests to operations centers and internal clients for approval/notification.
- In conjunction with NMS engineers coordinate integration of DTM functionality into NMS systems to provide appropriate capabilities
- Manage in-band DLE servers and clients and integration with management-telemetry network

Network Implementation

- Execute and document the implementation of new internal and external service orders
- Execute and document the installation, testing and turn-up of new circuits (Data and Video) and new nodes for operational use
- Interface with key vendors and Telecom Manager for circuit orders and changes that impact network operations
- Provide Point Of Contact communications with internal and external customers regarding status of service implementations, trouble tickets and network health issues
- Develop Detail Design and budget based on sales initiative
- Managed budget and Provide input for network planning and budgeting purposes

Technical Training

- Train engineering team in DTM network operations, service implementation and DTM transport technology services
- Train operations teams in basic DTM network operations and high-level troubleshooting

VERIZON – Video Network Services Basking Ridge, NY

12/2006 to 5/2008

Sr. Staff Consultant

Responsible for engineering of video transmission and switching platforms for the delivery of FIOS TV service offering and related services on the national FTTP video network.

- Responsibilities include the engineering of area-wide and company-wide video network deployments, data transport, switching/routing systems including layer 3 migration
- Engineering of video headends, regional video hub office, medium haul networks, and video serving office (i.e. central office) equipment.
- Issue work orders and oversee implementations based on network plans.

- Managing capacity requirements and developing capacity management process that initiates additional capacity for all video network components.
- Performing root cause analysis.
- Engineering of video application subsystems including EAS, Ad-insertion, VOD, IPG, Gaming.
- Reviewing video construction projects and their capital costs for validation of alignment with approved guidelines and the capital program
- Define IP VHO and IP SHE FiOS TV Architecture – Capacity Growth Project
- Manage IPTV Cross function team definitions and requirements gathering

CABLEVISION SYSTEMS CORP. 3/96 to
4/2006
TELECOMMUNICATION NETWORK MANAGEMENT – Bronx/Brooklyn, NY 8/01 to
4/2006
Area Manger Inside Plant Engineering Headend – NYC (Brooklyn/Bronx)

- Manage two 860 MHz analog and two **digital Headends** and 11 hub sites which service more than 850K subscribers.
- Responsible for **Headend FCC proof of performance (C/N, S/N, Differential Phase/ Differential Gain, Chrominance Luminance Gain, and Chrominance Luminance Delay)** and budgeting
- Supported the rebuild effort by building 5 new Multi-Product Hub
- **Designed and tested (C/N, CTB, and CSO) fiber interconnects (Super Trunk) to link headends in region via optical fiber.**
- Supported CMTS upgrade for supporting VOIP
- Managed the implementation of operational impacting projects, operational and capital budgets. Responsible for the design and methods and procedures development/implementation.
- Managed staff development, and interdepartmental and vendor management.
- **Designed and Implemented Gig-E transport which supported VOD (iP Video)** for 11 Hub Sites and 2 Server Sites, C and L Band Satellite transport systems, and HDTV SONET Transport System
- Developed data security Anti-pirate counter measures
- Designed local System NOC for monitoring HSD, Broadcast Digital and VOD services
- Implemented and Managed **ASI (iP Video) Transport systems**
- Implemented Digital Commercial Insertion systems and Battery back-Up and Node status monitoring system
- Outlined all test and maintenance procedures for **Broadcast Digital (ASI), VOD, HSD and DAVIC** systems
- Responsible for managing a technical staff of 14 telecommunication engineers.
- Supported the budget management process by developing budget tracking tools using Java, Excel and MS Access

NEW PRODUCT OPERATIONAL DEVELOPMENT – Bethpage, NY 1/00 to 8/01
Senior Project Manger

- Responsible for managing and directing the implementation of operational impacting and growth of new business initiatives business critical projects within Telecommunication Services.
- Coordinate cross business unit resources to consistently deliver high quality products and services on-time and in budget.
- Actively involved in the overall project management for new product or special project initiatives involving senior business leaders.
- Manage all phases of projects (time, scope, budget, and risk) with strategic and/or tactical importance to Cablevision.
- Supported the budget process

CORPORATE ENGINEERING – Woodbury, NY

3/98 to 1/00

Manager, Engineering & Design – Network Resources

- Manage SONET (Interconnect Optical Network {ION}) spanning 3 states, including utilization for voice/data/IP & video (HDTV, compressed and un-compressed), surveillance/status monitoring, circuit/network design, OC48 hand-off, OC3 hand-off, and vendor/system analysis.
- Controlled management of contract deliverables, training, expansion of network, and budget responsibility.
- Designed and implemented NOC, including methods, procedures, and schedules.
- Supported the budget management process by developing budget tools using C++, and Excel

OPERATIONAL ENGINEERING – Hicksville, NY

11/96 to 3/98

Supervisor – Headend/Hub

- Responsible for supporting the forward and return HFC network, headend and hub plant for 670K subscriber system, including design development, methods and procedures development.
- In charge of first level management of 11 technical personnel, including training, schedules, reviews, and interviews.
- Designed and tested (C/N, CTB, and CSO) fiber interconnects (Super Trunk) to link headends in region via optical fiber.
- Designed and implemented Satellite Antenna installation and maintenance procedure. Perform due diligence inspections.
- Responsible for Headend FCC proof of performance (C/N, S/N, Differential Phase/ Differential Gain, Chrominance Luminance Gain, and Chrominance Luminance Delay) and budgeting

SNET PERSONAL VISION, INCORPORATED – New Haven, CT

4/96 to

10/96

Manager System Design and Planning

Responsible for developing the technical direction for the long-range business objectives of the Deployment of multimedia services within Connecticut

Providing complex designs in support of:

Systems Designed Transport

- SONET – Design for delivery of Data, NTSC Video and Digital video signal
- Headend – Design/Upgrade for channel expansion and digital capability
- Pay Per View – Analog tape base delivery, migrating to Digital interactive delivery
- Ad-Insertion – Digital state wide system capable of town by town insertion
- Public Access – Design facility interconnection via fiber optic transport technology

Vendor Evaluation

- Matrix Evaluation for Baseband video and BTSC audio
- Matrix Design for RF and IF video signals using multiple vendors
- Digital Video Server Evaluation for Multi-Application
- Ad-Insertion – Vendor Evaluation for Spot insertion and Info-Commercials
- Set Top Box Selection with interactive Electronic Programming Guide
- Character Generator with graphic display and remote communication
- Traffic and Billing solution
- Public Access facility processing equipment selection

Broadband CATV Distribution Systems

- Inter central office fiber optic network design with return path technology Incorporated
- Ad-Insertion – HFC network design. Inserting at Globally and Granularly points
- Public Access – fiber optic network transport design
- Control Operations Room Design for Status Monitoring

Texscan MSI – Salt Lake City, Utah

3/93 to 4/96

Project Manager, Senior Field Service Engineer

- Responsible for all aspects of project development, implementation, and management.
- Supervised technical and operational staffs.
- Trained technicians and customers.
- Designed, and implemented installations and test procedures

ALLEN ORGAN STUDIOS INCORPORATED – Albertson, NY

6/90 to 6/92

Service Manager

- Responsible for training technicians, writing test procedures, scheduling service calls, trouble-shooting to component level (analog and Digital), designing installations

MARCONI CIRCUIT TECHNOLOGY INCORPORATED – Farmingdale, NY

2/88 to 3/90

Calibration Technician A

- Responsible for calibrating various test instruments, producing technical reports, evaluating operating systems

RHG ELECTRONICS LAB INCORPORATED – Bayshore, NY

4/87 to 1/88

RF/Microwave Engineering Technician

- Tested, tuned, and did troubleshooting of microwave attenuators, switches and performed all final testing including source inspections. Wrote specification sheets and outlines.

GENERAL MICROWAVE CORPORATION – Amityville, NY

4/86 to 4/87

Microwave Technician

NARDA MICROWAVE CORPORATION – Hauppauge, NY

9/85 to 4/86

Microwave Technician A

EDUCATION/TRAINING

State University of New York – Old Westbury, NY

BS Computer Science Engineering – Graduation Summer 2006

Novell Certified Network Engineer Training Center

Certified NetWare Administrator (CNA) – 7/1995

Grumman Data Systems Institute

Electronic Technology Diploma - 1985

Exhibit D

Financial Capability

REDACTED

DOCUMENT NUMBER - DATE

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FPSC - COMMISSION CLERK

CONFIDENTIAL

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7/31/12
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Integrated Path Communications, LLC
Balance Sheet
As of June 30, 2012

REDACTED

ASSETS

Current Assets

Checking/Savings
WAMU IPC, LLC

Total Checking/Savings

Accounts Receivable
Accounts Receivable

Total Accounts Receivable

Total Current Assets

Fixed Assets

Computer Equipment
GSM Channel Bank
Hardware
Softswitch

Total Fixed Assets

TOTAL ASSETS

LIABILITIES & EQUITY

Liabilities

Current Liabilities

Other Current Liabilities
Sales Tax Payable
USAC Fee Payable

Total Other Current Liabilities

Total Current Liabilities

Total Liabilities

Equity

Members Draw
Members Equity
Opening Balance Equity
Owner's Equity -Investment
Net Income

Total Equity

TOTAL LIABILITIES & EQUITY

REDACTED

REDACTED

REDACTED

REDACTED

REDACTED

CONFIDENTIAL

CONFIDENTIAL

8:54 PM
07/30/12
Cash Basis

Integrated Path Communications, LLC
Profit & Loss
June 2012

REDACTED

Ordinary Income/Expense	
Income	REDACTED
Sales	
Total Income	
Cost of Goods Sold	
Colocation Expense	
Commissions Paid	REDACTED
Technology-Consultants	
Telecommunications Equipment	
Wholesale Termination	
Total COGS	
Gross Profit	
Expense	
Accounting/Bookkeeping Fees	REDACTED
Automobile	
Bank Service Charges	
Cleaning-Office	
FCC Fee	
Insurance Expense	
Interest Expense	
Local Transportation	
Meals and Entertainment	
Miscellaneous Expense	REDACTED
Office Furniture	
Professional Fees	
Telecom Conference	
Telephone Expense	
Travel /Lodging	
Uniforms	
Total Expense	
Net Ordinary Income	REDACTED
Net Income	

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