



Phillip W. D'Annolfo

Email: phil@voicesolutions.us

Phone: (978) 470-2952

Unified Technologies Network Design & Deployment

Full Life cycle Design, Documentation, Implementation and Support for Collaborative Networked Technologies using standards based Project Management and formalized Engineering skills

PROFESSIONAL HIGHLIGHTS

- A career focus in all aspects of Voice and Converged Technologies including Sales Engineering, Network Topology Design, Installation and Deployment, Quality Assurance and Compliance, User Training, and Field Services.
- A past, present, and continuing dedication to formal education including degrees in Computer & Information Systems, Electrical Engineering, Project Management Professional, and Technical Certifications in a multitude of manufacturers product lines.
- Comprehensive Engineering experience using a methodical design approach to innovative solutions backed by past experience in disciplines including R&D, Hardware Design, Circuit Analysis, High & Low Level Programming, and Systems & Network Design.
- Direct Small Business experience as well as extensive interaction with Medium and Enterprise wide business models on all levels in a cross-functional environment resulting in goals driven projectized management style.

PROFESSIONAL HISTORY

September 2005 - present

Consulting & Engineering dba. Voice Solutions, Westford, MA

- Complete Life Cycle engineering services including Business Workflow Analysis; Research, Evaluate, & Recommend; Systems & Network Design, Deployment, Testing, Training, and Documentation services.
- Technologies including but not limited to Telecom & Cellular; Fiber & Wireless Networking; VoIP, Video & IM Communications; Collaboration & CRM; Security & Penetration Testing; Power Systems & UPS; Disaster Recover & Business Continuity.
- Project Management services and strategies including but not limited to Operations Management, RFP & Response, Vetting Contractors, Ordering & Tracking Inventory, Scheduling and Compliance.

July 1997 - April 2005 - March 2014

Senior Telecom Engineer Intelliphone, Inc., Andover, MA

- Designed, implemented, and maintained the in-house Voice & Data networks as a converged topology with Unified Messaging, Wireless Integration, and Remote Telephony.
- Lead engineer for PBX interoperability testing against Alcatel's product line in an R&D lab environment for PRI based Q-SIG protocol compliance between NEC, Avaya, Mitel, Nortel, and Siemens PBX platforms in the US market.
- Lead engineer in a multi-site enterprise wide deployment of a 500 seat 3Com NBX Voice Platform integrated with a 60 seat Interactive Intelligence Call Center in collaboration with the Aviva Project Management team and Aviva IT departments.



STARTUP EXPERIENCE

June 1993 - July 1997

Owner/Principal Engineer VGI Engineering, Peabody, MA

- Defined and implemented a Business Plan from conception through financial analysis, incorporation, public approvals, funding, asset acquisition, and establishment of operations and management guidelines culminating in a functional small business.
- Developed a Point Of Sale system with embedded customer database linked to accounting & financial modeling programs that enabled real time dynamic tracking to affect marketing and advertising strategies.
- R&D, circuit design, prototype manufacturing, and interface programming for PC based infrared 3D tracking systems.

FORMAL EDUCATION

- ✓ **Project Management Professional Certification Program** 2005 Merrimack College
- ✓ **Bachelor of Science in Computer and Information Systems** 1993 Merrimack College
Minor in Electrical Engineering

TECHNICAL CERTIFICATIONS

- ✓ **Sangoma / Digium Professional** Apr, 2021
- ✓ **Adtran ATSA IP Business Gateways** Mar, 2015
- ✓ **Adtran ATSA Internetworking Solutions** Mar, 2015
- ✓ **HP/3Com Certified IP Telephony Expert** Jan, 2007
- ✓ **HP/3Com Certified Network Telephony Specialist** Mar, 2003
- ✓ **HP/3Com Certified Convergent Network Technologies** Apr, 2002

ENGINEERING COMPETENCIES

- ✓ LAN & WAN network design
- ✓ Network Security Planning
- ✓ Enterprise WiFi Design
- ✓ Fiber Backbone builds
- ✓ VoIP deployment planning & training
- ✓ VoIP Device & Gateway provisioning
- ✓ Paging Systems design & installation
- ✓ Disaster Recovery & Business Continuity

VIRTUAL PLATFORMS

- ✓ Oracle(Sun) VirtualBox
- ✓ Amazon AWS/EC2 instances
- ✓ Google Cloud APIs & Services

SOFTWARE APPLICATIONS

Business Apps: Microsoft Office & Project suites
Operating Systems: MS Windows / Server, Linux / Ubuntu
Engineering Apps: Draw.io, Google Sketchup, MathCAD
Programming: Pascal, Bash Scripting, MS CLI Scripting