
Entrepreneur, Founder, Mentor, Advisor

Innovation-driven, accomplished, and seasoned professional with extensive experience delivering entrepreneurial and visionary leadership, leading business operations, and introducing ground-breaking products, tools, and systems.

Serial entrepreneur with several successful exits with values ranging over \$100M. Visionary recognizing new product opportunities well before they become mainstream products. Proven success in recruiting, training, and leading large teams to accomplish organizational objectives. Internationally recognized for scientific and technical contributions in wireless communications field. Demonstrated expertise in mitigating potential risks, providing guidance and support to team members, and ensuring compliance with defined policies. Expert in identifying new business/process improvement opportunities and increasing operational profits. Strong communication, influence, organizing and planning skills – able to work easily across functions and with different teams, ranging from technology to business and marketing. Able to quickly and efficiently adapt to different work environments and business needs. Solid history of success in designing and implementing effective strategies to fulfil business needs.

Highlights of Expertise

- Operations Management
- Staff Leadership & Support
- Strategic & Tactical Planning
- State-of-the-art Product Development
- Design & Implementation
- Software Development
- Process Automation & Optimization
- Research & Development
- Risk Assessment & Mitigation
- Project Administration & Problem Resolution

Career Experience

TV Messenger

PRESIDENT/FOUNDER (2024 – Current) – Healthcare Telecommunications service provider delivering messaging for care givers to stay in touch with remote family members using Television sets to deliver information while they watch live TV.

ACT4

STRATEGIC ADVISOR (2021 to 2024) – Biotech firm using Micro-Algae to reduce atmospheric CO₂
Advise the President of this startup in areas from marketing, product design, presentations, to money raising efforts.

SEEMS Global Network

PRESIDENT/FOUNDER (2018 to 2021) – Worldwide Telecom Services and Handheld Communication Devices
Oversee the planning and development of a reliable alternative communications platform for emergency alerting and reporting in case of disasters when cellular and other terrestrial communication services fail. Design an operational prototype of a device to receive broadcasted messages from a constellation of satellites around earth's orbit. Interconnect the platform with US DHS FEMA nationwide emergency messaging system to send FEMA messages throughout the US without the dependence of ground infrastructure.

- ♦ Devised a business plan for a new worldwide emergency communications system and service.
- ♦ Developed operational prototype of service and the first of three planned hardware-based smartphone-sized handheld one and two-way telecommunication products while managing integration with FEMA IPAWS service.

SPD Control Systems Corporation

CHAIRMAN/FOUNDER (2005 to 2021) – Electronic Operations for Dynamically Controlled Smart Glass Windows
Manage end-to-end operations, including the design and introduction of a patented product to improve energy efficiency in commercial and residential properties, along with aerospace and automotive vehicles based on the electronic control of smart glass windows to dynamically control Solar Heat Gain. Develop and deliver embedded products for worldwide sale of control systems for smart glass.

- ♦ Won a \$580K contract from the New York State Energy Research and Development Authority (NYSERDA) to design, build, and demonstrate a scalable product for the wireless control of Smart Glass in commercial and residential environments using radio based mesh networking packet switching like technology
- ♦ Successfully licensed patent portfolio to Daimler AG for all Mercedes-Benz vehicles.
- ♦ Successfully wrote and had issued 10 patents for the company's unique technology.

Wireless Marvels Inc.

PRESIDENT/CEO/FOUNDER (2002 to Present) – R&D Incubator for spinning off other companies

Create a web-based Soft-Stop financial trading system to allow traders to track trailing stops on securities. Lead the design and development of several multi-million dollar homes. Deliver Board of Directors/Board of Advisor level assistance to several organizations. Plan, develop, and provide several revolutionary type products for future release. Manage the R&D laboratory for new startup company ideas.

- ♦ Designed and integrated a FM radio "FORE! FM" into a golf ball as a novelty gift for US Golf Open on Long Island.
- ♦ Spun off several independent companies after technology and business case investigations.

Additional Experience

PRESIDENT ▪ Peerless Wind Systems –Wind turbine design, development and manufacturing for electric generation

- ♦ Successfully granted a design patent for an innovative wind turbine for urban environments.
- ♦ Wrote and filed patent for an electric generator featuring magnetic levitation to reduce frictional losses.

PRESIDENT/CEO/FOUNDER ▪ ON Networks Inc. – An IOT Company founded years before the IOT name was coined

- ♦ Designed a low-cost wireless instant messaging device for the toy industry.

CHAIRMAN OF THE BOARD/FOUNDER/CTO ▪ Real Time Strategies, RTS Wireless (Aether Systems)

- ♦ Sold company for \$111.6M with staff of 400+, developing leading edge state-of-the-art wireless control products.
- ♦ AOL acquired 5% interest in firm after purchasing a product to wirelessly alert AOL subscribers "you've got mail".

PRESIDENT/FOUNDER/CTO ▪ RTS Electronics – Creator of a two-way communicator product pre-Blackberry

- ♦ Sold over 1,000 units to paging companies.
- ♦ Awarded patent number 5,249,220 for the Pagentry product.
- ♦ Integrated over 150 functions into this handheld multiprocessor based device.

SENIOR VICE PRESIDENT ▪ Spectrum Communications & Electronics – Radio Paging Central Office Control

- ♦ Delivered and supported over 200 systems supporting over 1,000,000 subscribers worldwide, including the largest multi-city numeric paging network ever installed at that time, located in Taiwan.

SENIOR CONSULTANT, PROJECT DIRECTOR ▪ GE Consulting – Fax store and forward packet mesh networking

- ♦ Designed a specialized real time operating system for the Interdata 8/32 super-mini computer.

PRESIDENT ▪ Intersystem Software – Stock Marketing ticker system, custom software development

DIRECTOR OF SYSTEMS ANALYSIS ▪ Graphic Scanning Corporation – Store and Forward Fax system, Automated Telephone answering

CONSULTANT & ANALYST ▪ Cybermatics –Store and Forward Telex and X.25 packet switching

SYSTEMS PROGRAMMER & ANALYST ▪ Singer Link – Aircraft and Spacecraft training simulators

SYSTEMS PROGRAMMER & ANALYST ▪ Rapidata – Timesharing (Cloud Computing) – OS and Systems Software

Education & Credentials

Bachelor of Science, The Cooper Union, New York, NY – Nuclear Physics concentration

Graduate Courses in Computer Science, SUNY Binghamton – Game theory focus

Professional Associations: IEEE – Senior Member | ACM | Chairman - Technical Committees of the PCIA

Articles: "The State of Voice Recognition", Telocator Magazine | "Paging Networks Come of Age", Telocator Magazine

Awards: 2014 Gano Dunn Award for Lifetime Achievements in Engineering – Alumni Association – The Cooper Union

Books – BIA Publications – Radio Paging Communication Protocols

Patents: US 7,800,812, Japan 5,127,713 & European PCT/IB2006053192 (granted in the UK, Germany, France, Italy and Spain), US 8,098,421, US 8,120,839, US 8,792,154, US 9,261,752, US 9,658,509, US D722,965 S, US 5,249,220, D 855,971.

Records: 1993 Guinness Book of Records, Worlds Smallest Fax Machine