

Exhibit 1
Management Resumes



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SUMMARY

Varied industry management experience in software and hardware development, control systems, operations and manufacturing.

WORK EXPERIENCE

2016-present **Atherton Fiber, LLC**, a privately held startup deploying fiber optic networks. Atherton, CA

President and COO – January 2016 to present

2009-2015 **Purfresh**, a privately held company providing atmosphere monitoring and control for refrigerated containers transporting perishable or high value cargos. Newark, CA

President and CEO – November 2014 to December 2015

Vice-President of Engineering – September 2009 to November 2014

- Managed the development of the first ozone-generating unit with full GSM and satellite communications capabilities.
- Managed the development of the first ozone-generating unit with CO2 control capabilities.

2004-2009 **Veraloft, LLC**, a privately held internet service provider, specializing in city-wide wireless access. Menlo Park, CA

President – May 2004 to present

- Founded the company with two partners.
- Negotiated a franchise contract with the City of Pacifica to utilize their street light as mounting assets for a city-wide mesh network.
- Performed extensive field testing and equipment evaluation to ensure adequate coverage.
- Negotiated equipment purchase contracts of over \$750,000.
- Designed and managed the installation of a 350 radio mesh network, along with wired and wireless backhaul.
- Operated the Pacifica network, acquiring over 1000 recurring residential and business customers.

2001-2004 **Chroma Medical Systems**, a privately held corporation providing proprietary software to screen for cancer by analysing medical images with an initial focus on screening CT images for colorectal cancer and pre-cancerous polyps. Burlingame, CA

Vice-President of Technology – April 2001 to April 2004

- Managed the software development of the company's first medical application.

- Designed detailed pattern recognition algorithms for analyzing CT scans.
- Developed software to dramatically reduce the number of false positive indications.
- Performed on-site verification testing at numerous hospitals and CT scanner manufacturers.

1993-2001 **CellNet Data Systems**, a publicly traded company which designed, built, owned and operated wireless data communication networks. The primary application of the company's network was to provide network meter reading services to electric, gas and water utility companies, San Carlos, CA

Vice-President of Development and Manufacturing – October 1997 to April 2001

- Managed over 250 employees in the engineering, manufacturing, purchasing and quality assurance groups.
- Outsourced the manufacture of all meter-installable modules, reducing the cost of the modules by over 60%. Delivered over 3 million meter modules.
- Refined the network management system so that it was capable of handling network with over 1 million nodes.

Vice-President of Development – June 1996 to October 1997

- Managed over 120 hardware and software engineers.
- Produced meter-installable modules for over a dozen different electric and gas meters.
- Delivered second-generation backhaul radios, realizing a 40% cost decrease.

Vice-President of Software Development – February 1993 to June 1996

- Managed a group of 60 software developers.
- Delivered the company's first network management system for automated meter reading for electric and gas meters.
- Produced embedded system software for all of the network infrastructure.

1988-1993 **Everex Systems Inc.**, a publicly traded computer products manufacturer. Fremont, CA

Vice-President of Manufacturing – February 1991 to February 1993

- Responsible for all aspects of the world-wide manufacturing organization for a company with annual revenues of \$500 MM.
- Types of manufacturing include system assembly and test for PC's, second load and test for peripherals such as modems and NIC's, fabrication of high performance tape drives, and contracting of turn-key fabrication of peripherals and system boards.
- Achieved a fifty percent per unit reduction in system manufacturing cost and a sixty percent increase in inventory turns.

Vice-President of Quality and Service – May 1990 to February 1991

- Initiated the company-wide program to achieve ISO 9000 certification by November of 1992.
- Consistently ranked in the top three for system manufacturers in service, technical support, and customer satisfaction.
- Introduced SPC techniques, reducing in-house failures by fifty percent.

Manager of Network Division – December 1989 to May 1990

- Redirected the product line toward exclusively outsourced product to complement the high end server systems.
- Managed the dedicated networking sales team.
- Concurrently acted as Director of MIS from 1990 through 1991, managing a VAX cluster and a 300-node network.

Group Manager of Service – February 1988 to November 1989

- Reduced turn-around for RMA products from over 30 days to under 7 days while reducing inventory by thirty percent.
- Reduced hold time for technical support from over ten minutes to under two minutes, through training, improvement of the phone system, and development of a call tracking/RMA tracking system.

1977-1988

Brown & Root, Inc., a publicly traded engineering and construction company. Houston, TX; Madrid, Spain; San Ramon, CA

Manager of Standard Automated Methods Group – October 1986 to February 1988

- Directed the transition from 90% manual drafting to 95% automated drafting.
- Managed a team of 25 programmers who developed the software tools to automate the production of Bills of Materials, structural analysis, piping routing checks, etc. directly from the computer drawings.

Manager of Structural Group – 1982 to 1986

- Managed the structural design and structural drafting groups for the San Ramon office.
- Projects included the design of floating Arctic structures and fixed production platforms.
- Specialties included seismic and fatigue analysis and design.

Project Manager/Structural – 1977 to 1981

- Performed design and project management work on the design and installation of numerous off-shore production platforms.

1974-1976

LeMessurier & Associates (world-renowned structural engineering firm), *Boston, MA*

Structural Design Engineer

- Performed structural analysis and design of high-rise buildings.

EDUCATION

1976-1977

Rice University, Houston, TX
Master of Civil Engineering

1970-1974

Rice University, Houston, TX
B.S. Civil Engineering

LANGUAGES

English, Spanish, French

P Michael Farmwald
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Education

1974 BS Mathematics **Purdue University**
1981 PhD Computer Science **Stanford University**

WORK EXPERIENCE

2015-present

Atherton Fiber, LLC, a privately held startup deploying fiber optic networks. Atherton, CA

Partner – January 2015 to present

2006-present

Skymoon Ventures, an \$80M venture capital fund.

Partner– 2006-present

1999-present

Rambus, Inc, a public corporation licensing intellectual property in the semiconductor space.

Co-Founder, CTO – 1999-2004

Board Member – 1999-2015

Board Member emeritus, 2015-present

2004-present

Pedestal Networks, a networking access company (DSLAMs). Co-Founder, board member

Dash Navigation, a connected car GPS system (sold to RIM.). Co-Founder, board member

Matrix Semiconductor, a 3D memory company (sold to Sandisk.) Co-Founder, board member