

- 11/11 – 12/13      Varian Medical Systems (VMS), Field Service Engineer**  
**Palo Alto, California**  
Perform on-site installation, maintenance, repair, and calibration of radiotherapy, and imaging systems using appropriate tools, test equipment, techniques, methods and procedures. Install and upgrade company products according to technical documentation, procedures and company guidelines to ensure equipment operates efficiently. Coordinate resources such as tradesmen as required to complete the installation or upgrade activities. Conduct Customer Acceptance Procedure (CAP) testing to ensure equipment operation meets customer requirements and specifications. Input detailed records of installation and upgrade work performed into VMS information systems to ensure accurate information is available for VMS support functions. Instruct customers in the operation and basic daily maintenance of VMS products. Attained "Vendor Credentialing" VCS Level 2 status to allow access to VMS client sites to perform the essential maintenance and installation functions.
- 05/08 – 06/10      Space Systems Loral, Bus Director**  
**Palo Alto, California**  
Responsible for the coordination and execution of all bus related IOT testing activities. Development, validation and implementation of IOT procedures to verify the integrity and functionality of the spacecraft after orbit raising has been completed. Develop, document and integrate software tools for test performance and analysis. Generate commanding loads and perform spacecraft reconfiguration.
- 10/02 – 05/08      Loral Skynet, Operations Engineer**  
**Hawley Pennsylvania**  
Developed detailed operating procedures based on manufacturer documentation. Provided real-time technical guidance during nominal and contingency operations. Performed operational mission planning, training and special studies as required to maintain spacecraft health and welfare. Develop, document and integrate software tools for telemetry analysis. Generate commanding loads and perform spacecraft reconfiguration.
- 06/00 – 10/02      Space Systems Loral, Operations Engineer**  
**Palo Alto, California**  
Developed detailed operating procedures utilized during on-orbit operations. Developed an in-depth knowledge of satellite subsystems and inter-relationships to evaluate spacecraft performance. Provided real-time technical assistance during critical commanding or contingency operations. Developed and presented training for operations personnel for spacecraft subsystems as well as nominal and contingency operations.
- 10/98 – 05/00      General Dynamics, Satellite Engineer**  
**Kirtland A.F.B. , New Mexico**  
Support the development of detailed operating procedures employed for on-orbit support of research and scientific spacecraft. Developed an in-depth operational knowledge of several mission specific spacecraft to include their scientific payload packages. Utilized mission unique software tools in a UNIX (Sun/Solaris) environment to generate commanding loads, contact schedules and spacecraft safing if required.

**10/96 – 10/98      Allied Signal Technical Services – Iridium, Network Ground Controller  
Leesburg, Virginia**

Support training rehearsal and operational efforts for launch and constellation operations. Support transition of operation support teams from a development environment to real-time operational support. Develop, analyze and integrate position specific knowledge, skills and technique to support the monitoring and controlling of the Iridium Telemetry, Tracking and Command [TTAC] facilities. Coordinate TTAC activities, which include routine maintenance, anomaly identification, documentation, and resolution, and any resource scheduling conflicts.

**9/95 – 10/96      Nuova Telespazio – Iridium, Consultant  
Chandler, Arizona**

Participated in the development and integration of available satellite control system information into operational plans and procedures. Utilized satellite telemetry measurands to develop telemetry reporting formats for use during program operational phases. Provided support for the development of the mission philosophy statement for the staffing requirements of the Backup Control Facility located in Rome, Italy.

<b>Education:</b>	84 credit hours	University of Phoenix	Information technology	Phoenix, AZ
	U.S. Army	SATCOM Config and Control Element (ASI Y1)		Ft. Gordon, GA
	U.S. Army	SATCOM Equipment Repairer (AN/MSC-46)		Ft. Gordon, GA
	U.S. Army	SATCOM Ground Equipment Repairer (26-Y)		Ft. Gordon, GA

<b>Certifications:</b>	Varian Medical Systems	Hardware Level 3 Beam
	Varian Medical Systems	Hardware Level 3 Imaging
	Varian Medical Systems	Clinac Essentials Service
	Varian Medical Systems	4D Integrated Treatment Console
	Varian Medical Systems	On Board Imaging (OBI)
	Varian Medical Systems	Portal Vision Digital Imaging
	Varian Medical Systems	Portal Vision E-arm Service

**Clearance:**      [INACTIVE] Top Secret with Single Scope Background Investigation (SSBI).

**Languages:**      Spanish ILR Level 4 – Full professional proficiency