



John Guiney

Vice President, Fleet Management Segment

OneWeb, Ltd

Jun 2015 – Present

5 years 8 months

Tysons Corner, VA

Led the team responsible for all design, development, and delivery of the OneWeb Fleet Management Segment (FMS) including: the Satellite Operations Center (SOC) hardware and software, the Telemetry, Tracking, and Control (TT&C) Earth Stations, the development of the Fleet Operations plans and products, and the real-time operations staff to control the OneWeb constellation.

- Led the hiring of key staff in the US and UK to enable fleet management team to meet challenging development and...

Master Engineer II / Sr. Lead Engineer for Ground System and Mission Ops

Orbital ATK

Sep 2001 - Jun 2015

13 years 10 months

Gilbert, Arizona, United States

Performed Mission Operations Manager and Flight Director duties for several critical flight programs during the final pre-launch preparation and post-launch phases.

- Generated numerous space mission concepts, mission operations, and ground system proposals and whitepapers in support of new business pursuits.
- Senior Orbital / GD representative at customer-owned operations facilities.
- Led technical efforts for proprietary end-to-end ground architecture design and developed...

Mission Operations Lead / System Test Engineer

Motorola

1994 – 2001

7 years

Chandler, AZ

- Planned and managed system test development activities for a 3G telecommunication core. Coordinated test activities among system engineering, development, and other test organizations.
- Supported the Concept of Operations development for the Teledesic program. Led the Operational Test and Evaluation (OT&E) planning activities.
- Assisted mission operations team with on-orbit operations during telecommunications service activation activities. Conducted Launch and Early Orbit (L&EO)

Systems Analyst

General Electric Aerospace / Martin Marietta Corporation

1989 – 1994

5 years

San Jose, CA

Responsible for real-time concept studies conducted for national users. Provided customer support during operational studies, including data analysis and communication system configuration and troubleshooting. Developed and maintained schedules and budgets, coordinated study requirements.

Simulation Engineer

Lockheed Technical Operations Company (LTOC)

1987 – 1989

2 years

Sunnyvale, CA

Developed Space Shuttle and Expendable Launch Vehicle mission-specific simulation exercises for the training of flight control teams. Developed vehicle databases to ensure all satellite vehicles and payloads were simulated correctly. Responsible for ground system configurations during simulation exercises.

SSDA / FVSF Operator

USAF - DMSP - 1000th SOG

1983 – 1987

4 years

Omaha, NE

Analyzed telemetry and command verification data to ensure the state-of-health for the Defense Meteorological Satellite Program (DMSP) space vehicles. Conducted ground system and flight software tests and performed ground system troubleshooting. Developed operations crew training and evaluation scenarios and conducted launch readiness training sessions.