

JOHN F. CATHEY

Chief of Staff | Operations & Lab Manager

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Professional Summary

Seasoned Lab & Operations Leader with 20+ years of experience managing high-performance technical teams and complex engineering environments across Intel's product development and validation labs. Proven ability to lead large-scale lab infrastructure projects, post-silicon validation, and ATE operations while optimizing lab capacity, equipment readiness, and operational spend. Adept at driving Lean manufacturing principles, implementing security and compliance standards, and coordinating across global, multi-site teams. A collaborative partner to IT, Facilities, and ESD teams, known for developing scalable, secure, and innovative lab ecosystems that accelerate product delivery and ensure engineering excellence.

Experience

Lab & Manufacturing Operations Manager | Chief of Staff – Client & Graphics, 04/2019 - Present

Intel Corporation - Folsom, CA

- Serve as Chief of Staff, driving strategic alignment, streamlining cross-functional communication, and supporting organizational priorities such as site strategy, headcount planning, and budget management across Client PCH, Graphics, and Automotive engineering teams.
- Successfully led the startup of new Class Test lab at the Intel Folsom site responsible for class test of PCH and Graphics products utilizing industry standard as well as Intel proprietary ATE equipment.
- Responsible for ensuring product readiness and testing of Intel's Next Generation processors at the Folsom site. Manage a team of 40+ employees whose roles include planning, operations, and maintenance of ATE testers and collaterals.
- Facilitated laboratory quality management by implementing continuous improvement and a Lean Manufacturing culture.

IT Lab Compute / Project Manager, 06/2016 - 04/2019

Intel Corporation - Folsom, CA

- Managed a Global team of 7 employees responsible for the platform validation lab infrastructure and deployment of test systems across Intel Validation Test Labs.
- Implemented validation host standards including standardization of host images, host naming conventions, and standard host hardware across 5K hosts in AMR, GER, and GAR geo's.
- Developed new standard security patch compliance process of patching over 5K host machines within 30-day period bringing the PV labs into corporate security compliance.

MDO Folsom Manufacturing Lab Manager, 01/2015 - 06/2016

Intel Corporation - Folsom, CA

- Managed a multi-level organization consisting of over 65 employees and 4 managers spanning all areas of manufacturing operations including product planning, product readiness, operations, and maintenance.
- Responsible for all aspects of lab management including safety culture, 24x7 test operations and maintenance, inventory control, equipment engineering, and process engineering.
- Using lean methodologies optimized team production and quality by instituting a continuous improvement lifecycle and introducing standard work across the lab functions.
- Coordinated a cross-geo CTH (Delta Handler) THA (Thermal Head) repair process which took advantage of ATTD's in-house repair center which resulted in ~300k of savings between FM, SC, and Costa Rica validation labs.

MDO Automation & Operations Manager, 01/2009 - 01/2015

Intel Corporation - Chandler, AZ

- Led both operation and automation teams responsible for operating ATE test equipment and collecting data for Intel products.
- Managed operations team responsible for collecting data using various ATE equipment including Offline Fusing, Offline Binning, Delta CTH and Advantest CMT & HDMT testers.

- Managed automation team responsible for ATE software including Advantest CMT Core Services upgrades as well as engineering tools such as CMT Hydra, DFF (Data Feed Forward), Aries, Crystal Ball, GEDI, and the tester scheduling tool.

Digital Home Group Operations Manager, 10/2005 - 01/2009

Intel Corporation – Chandler, AZ

- Increased org effectiveness by partnering with IT and managing the adoption and implementation of common IT tools, document management lifecycles, improved (Intellectual Property) IP security, access, and reuse.
- Successfully migrated ~1350 Microsoft SharePoint sites across all areas of DHG with no data loss or impact to users
- Led team to risk mitigate and migrate all business-critical data residing on servers not maintained in IT data centers to IT data centers.

ATE & PPV Lab Manager 11/1999 – 10/2005

Intel Corporation – Chandler, AZ

- Led cross-functional teams managing ATE automation infrastructure and PPV lab operations across 25+ engineering test modules.
- Directed automation support, station controller training, and lab procedures, while driving board-level debug, component rework, and validation efforts.
- Built strategic IT/HVM partnerships to enable rapid issue resolution and operational efficiency.

Equipment Engineering Technician, 11/1996 - 11/1999

Intel Corporation – Chandler, AZ

- Assisted engineers in developing and electrical testing of new products and processes using industry standard ATE equipment.
- Performed operation, kit changes, troubleshooting and repairs on Schlumberger testers, Delta Handlers, and Lumonics Laser machines.
- Performed unit integrity and safety representative duties.

Special Electronics Devices Repair, 09/1992 - 03/1996

United States Army – Ft Stewart, GA

- Troubleshoot, diagnosed, and repaired night vision equipment, mine detectors, thermal vision using digital multi-meters, oscilloscopes, spectrum analyzers, and signal generators while maintaining detailed repair logs.
- Supervised and trained team of technicians providing maintenance support for multiple military operations.
- Deployed as part of Operation Continue and Restore Hope in Mogadishu Somalia

Education

Master of Business Administration (MBA), Business Management

Arizona State University – Tempe, AZ

Master Certificate, Business Analysis

Villanova University - Online

Bachelor of Science, Information Technology

University of Phoenix – Tempe, AZ

Associate of Specialized Technology, Electrical Engineering

ITT Technical Institute – Tucson, AZ

Skills

- Management in Matrixed Organizations
- Continuous Improvement
- Lean Manufacturing
- Cross-Functional Team Leadership
- Global Lab Operations & Space Planning
- ATE Test Equipment (CMT, Delta, HDMT, etc.)