



Air Systems

An EMCOR Company

Project Experience:

Google 2000 Charleston – Mountain View, CA

- 110,000 sq. ft. HVAC and Plumbing office improvements
- Recondition and cleaned the majority of system for sustainability and budget reasons
- Redundant Cooling for IDF Rooms
- Automated Logic Controls (ALC) DDC Controls upgrade
- **LEED Gold**

Intuit Building 4 and 14 – Mountain View

- 70,000 sq. ft. HVAC and Plumbing office improvements
- \$200,000+ Value Engineering savings to meet Budget
- Johnson DDC Controls upgrade
- Plumbing fixture ADA upgrades
- **LEED Silver**

Qualcomm Campus (4 Buildings) – Sunnyvale, CA

- 320,000 sq. ft. complete new HVAC and Plumbing Systems
- Energy Efficient Chilled Water Plant with McQuay Turbocor Chillers
- Data Center using Liebert XD High Density Cooling
- Oil Free Clean Dry Compressed Air System
- New Café and all new Restrooms
- 18 Week Completion Schedule
- **LEED Silver**

Santa Cruz County Governmental Center Design/Build Energy Retrofit

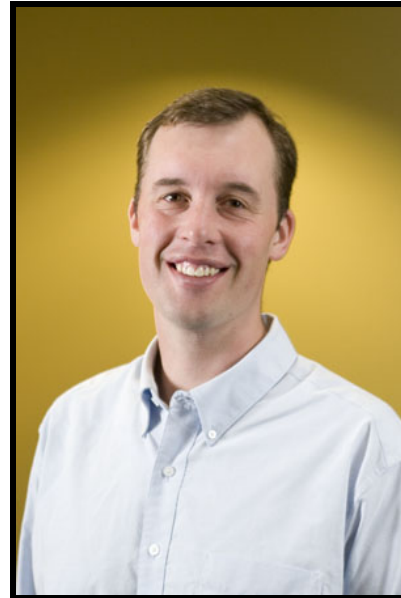
- High Efficiency Chilled Water Plant replacement in occupied building
- Convert Constant Volume to Variable Air Volume with Reheat
- Data Center Upgrade
- Upgrade of Filtration System and Duct Distribution System for improved Indoor Air Quality

Google 2025 Garcia – Mountain View, CA

- Design/Build 70,000 sq. ft. complete new HVAC system and Plumbing retrofit
- Installed new Variable Air Volume system with Reheat
- Installed HVAC and Plumbing for Café
- New Grease Interceptor and Tankless Hot Water System

Facebook Building 2 – Palo Alto, CA

- Design/Build 30,000 sq. ft. HVAC system using existing equipment
- Convert 4 pipe fan-coil system to office use
- Refurbished control system
- LEED Silver (process only, not submitted)



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Education

B.S. Mechanical Engineering

Santa Clara University,

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California Professional Mechanical Engineer

NEBB Certified Professional for Cleanroom Performance Testing

NEBB Certified Professional for Air and Hydronic Systems

Profile

Mr. Rifenburg has 20 years experience in HVAC, Cleanrooms, Process Exhaust, Process Piping, and Plumbing. His specialty is Energy Retrofit, Building Retrofit, and complex projects in existing buildings.