



**ERIC M. SCHULTZ**  
**STAFF CONSULTANT**

[emschultz@engsys.com](mailto:emschultz@engsys.com)

Eric Schultz is a Staff Consultant for Engineering Systems Inc. (ESi) in the Electrical practice group. Prior to joining ESi, he worked as an Electrical Engineer at Parker Aerospace and Lockheed Martin. Mr. Schultz specializes in electrical engineering issues involving electrical failure analysis, PCBs, electrical components, utility power, and aerospace requirements. He has extensive experience in risk reduction testing and analysis. Mr. Schultz also has experience with DO-160 and DO-254.

**Areas of Specialization**

Electrical Devices  
Electrical Power Systems  
Controls & Software

**Education**

B.S., Electrical Engineering, Brigham Young University, Provo, UT, 2020  
A.S., Utah Valley University, Orem, UT, 2014

**Certifications**

Transportation Worker Identification Credential (TWIC®)

**Professional Affiliations**

**Institute of Electrical and Electronics Engineers (IEEE)**  
Member since 2024

**National Association of Fire Investigators (NAFI)**  
Member since 2024

**Positions Held**

**Engineering Systems Inc., Houston, Texas**  
Staff Consultant, 2023 – Present

**Parker Aerospace, Fort Worth, Texas**  
Electrical Engineer – Circuit Design, 2022 – 2023

**Lockheed Martin, Arlington, Texas**  
Electrical Engineer - Components, 2020 – 2022

**Brigham Young University, Provo, Utah**  
Teaching Assistant, 2019 – 2020

**Raytheon Missile System, Tucson, AZ**  
EE Intern, 2019

*May 2024*

## **Publications/Presentations**

“Design, Risk, and Efficacy While Testing to Standards – Tradeoffs for Surge Protective Devices,” **Schultz, Eric M.**, Bilancia, Louis F., and Bajak, T., presented at the International Symposium on Product Compliance Engineering (ISPCE) Chicago, April 2024.