

Mr. Chris Porto is a Senior Managing Consultant for Engineering Systems Inc. (ESI). Mr. Porto has extensive experience in the fire protection and mechanical engineering industry, completing a wide range of project types for a diverse client base. He is a licensed fire protection and mechanical engineer in multiple states. His fire protection engineering expertise includes assessment of building life safety features, code compliance evaluations, fire suppression/extinguishing system failure analyses, and fire alarm system design and integration. In addition to his knowledge involving fire protection systems, he has expertise in fire dynamics and mechanical systems involving fires within structures and heavy machinery. Mr. Porto's mechanical expertise also includes performing mechanical and electrical building system evaluations and origin and cause investigations related to mechanical systems, including HVAC and plumbing. He has extensive knowledge of codes and standards including NFPA, ICC, FM Global, and DoD directives.

Mr. Porto has worked as a lead mechanical and fire protection engineer in the design of military and private facilities. His experience includes design, testing, inspection, and commissioning for the Navy, Air National Guard, Air Force, Army, Customs and Border Protection, State, and private facilities. His design experience also includes the application of performance-based fire, smoke, and egress modeling for approval of alternative life safety means and methods.

## Licenses & Certifications

- State of Alabama PE License No. 35376-E
- State of Florida PE License No. 79824
- State of Georgia PE License No. PE039960
- State of Kentucky PE License No. 31194
- State of Louisiana PE License No. 40200
- State of Maine PE License No. 16258
- State of Minnesota PE License No. 59758
- State of Mississippi PE License No. 26743
- State of Missouri PE License No. 2023000154
- State of New Jersey PE License No. 24GE05343400
- State of New York PE License No. 96266
- State of North Carolina PE License No. 43436
- State of Ohio PE License No. 84040
- State of South Carolina PE License No. 32753
- State of Tennessee PE License No. 119915

**Christopher J. Porto**  
Senior Managing Consultant

**Email:** [cjporto@engsys.com](mailto:cjporto@engsys.com)  
**Phone:** 404-819-9208

**ESI GA – Peachtree Corners**  
430 Technology Pkwy NW, Peachtree  
Corners, GA 30092

## Education

M.Eng., Fire Protection Engineering.  
University of Maryland – College Park.  
2019

B.S., Mechanical Engineering, Business  
Administration minor. Auburn University.  
2011

## Areas of Specialization

### Fire Protection:

Fire sprinkler systems including wet, dry,  
pre-action, and deluge

Kitchen suppression systems

High and low- expansion foam fire  
suppression systems

Special hazards including aircraft  
hangars, data centers, and lithium-ion  
battery

Distribution and fulfillment centers  
facilities

Inspection, testing, maintenance, and  
commissioning

Fire pump and water distribution systems

Smoke control systems

Combustible dust and explosion  
suppression systems

### Mechanical:

Chiller Water Systems

Cooling Towers

DX (Direct Expansion) Systems and VRF  
(Variable Refrigerant Flow)

Hydronic and Plumbing Piping Systems

Heavy Machinery

Fireplace and Chimneys



- State of West Virginia PE License No. 22057
- NCEES ID No. 1290229

## Positions Held

- **Engineering Systems Inc., Peachtree Corners, Georgia**
  - Senior Managing Consultant, January 2025 to present
  - Senior Consultant, July 2022 to December 2024
- **Harrington Group Inc., Duluth, Georgia**
  - Senior Fire Protection Engineer and Associate Project Manager, June 2020 to June 2022
- **Engineering Systems Inc., Peachtree Corners, Georgia**
  - Senior Consultant, July 2019 to June 2020
  - Senior Staff Consultant, January 2019 to June 2019
  - Staff Consultant, January 2017 to December 2018
- **PT&C | LWG, Atlanta, Georgia**
  - Fire Protection & Mechanical Project Engineer, January 2015 to December 2016
- **Pond & Company, Norcross, Georgia**
  - Fire Protection Engineer, June 2011 to January 2015
- **Kaydon Filtration, LaGrange, Georgia**
  - Full-Time Co-Op, Summer 2008, Spring 2009, Spring 2010

## Presentations

### **An Ounce of Prevention (Fire Suppression Detection and Fire Spread)**

Technical presentation of fire sprinkler system application in limiting fire spread, MLL Chicago Fire Summit, July 2024

### **Introduction of Fire Alarm Systems During Emergency Response**

Multiple-day hands-on training seminar for the Alpharetta Fire Department involving fire alarm systems, May 2024

### **Fire Alarm System Basics**

Full-day hands-on seminar for fire investigators and code inspectors, Georgia Fire Investigators Association, March 2024

### **Overview of Fire Suppression Systems, Fire Alarm Systems, and Building Code and Life Safety Evaluations**

Half-day seminar for fire investigators, October 2018



**Christopher J. Porto**  
Senior Managing Consultant

**Email:** [cjporto@engsys.com](mailto:cjporto@engsys.com)  
**Phone:** 404-819-9208

### **Anatomy of a Mega Claim: Too Large to Fail**

Considerations unique to handling major losses, presentation at The Claims and Litigation Management Southeast Conference, November 2017

### **Fire Sprinkler System Failure Investigations**

Fundamentals and failure investigations of fire-sprinkler and chemical extinguishing systems, webinar hosted by National Association of Subrogation Professionals, December 2016

### **How to Identify & Adjust Lightning Damage Losses**

Understanding the effects of lightning and equipment susceptibility to lightning damage, Presentation to Engle Martin & Associates, Inc., June 2016

### **Fire Alarm and Fire Sprinkler System Failure Investigations**

A hands-on seminar that discussed common fire-sprinkler system failures and fire alarm fundamentals, PT&C|LWG Educational Event, May 2016

### **Fire Suppression Systems, Information Every Property Adjuster Should Know**

Review of common fire protection systems and associated codes and standards, Presentation to RSUI Group, January 2016

### **Training & Certifications**

- NAFI Certified Fire and Explosion Investigator (CFEI)  
OSHA 30 Training (Construction Safety)
- ANSUL Foam Systems Service & Maintenance
- SPP Pump Fire Pump Training – NFPA 20
- Technical presenter and trainer for the Alpharetta Fire Department on fire alarm systems

### **Professional Affiliations**

- **National Fire Protection Association (NFPA)**
- **Society of Fire Protection Engineers (SFPE)**
- **International Association of Arson Investigators (IAAI)**
- **National Association of Fire Investigators (NAFI)**