



Complex Fire Investigations





When it comes to our clients, no matter the size or severity of the fire, our goal is to provide a quality, seamless investigation.

Large fire and explosion losses, in particular, pose a number of challenges. That's when years of experience, access to numerous experts that can arrive on-scene quickly, and the knowledge to manage extremely high levels of evidence is most vital—and that's where Envista excels.

HOW WE OPERATE

- We always allocate the appropriate amount of time and analysis warranted by the loss. We are not a “drive-by” solution. We focus on the details, and we prove that to you in our review.
- Every analysis is reviewed by a supervisor and monitored for compliance with industry standards. Many companies may peer review, but to us, having a technical review where all analyses are evaluated by a leader in the division, and cross-checked for compliance, gives our clients a higher quality end-product. This is not a common practice in the industry, but we want you to be 100% confident that the information we provide to you is accurate.
- Evidence handling is vital, and we have experience in managing large losses where evidence has totaled in the thousands. Process is key.

HOW WE STAND OUT

- All of our experts are highly experienced, with at least 20 years in the industry, and can provide expert court witness testimony for any issue.
- We employ hundreds of experts and engineers all over the globe, which makes managing large, multi-disciplinary losses a much smoother process for our clients.
- Our team has been managing large losses since our inception, more than 30 years ago.

HOW OUR PEOPLE MAKE ALL THE DIFFERENCE

- Many of our investigators have a law enforcement or fire background, which means they also have long-standing relationships with local, state and federal agencies. They are highly experienced in working large/complex scenes with multiple parties to uncover the truth of any situation.
- At Envista, we train and then train some more. Our experts are the best in the industry and thrive on continuous education. We pride ourselves on being at the forefront of changes and updates in the fire and explosion investigation industry. It's imperative our people are well-informed to provide clients the best possible outcomes.



MEET OUR LARGE LOSS EXPERTS

Our experts are available to travel anywhere, anytime, no matter their location. Find the expert that's right for your situation.



Specialties:

- Energy and Manufacturing
- Significant International Experience
- Project Management

Michael J. Driscoll, IAAI-CFI*

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Michael J. Driscoll, CFI, is the Director of the Fire and Explosion Division. Mr. Driscoll has more than 28 years of experience in conducting upwards of 1,700 fire and explosion investigations globally. He has testified as an expert in fire and explosion investigations in both state and federal courts. Mr. Driscoll's experience includes large/complex loss management and investigations that have involved long duration deployments and team responses. Examples of his large loss fire/explosion investigations include losses involving multi-residential complexes, large retail centers, and multiple fatality incidents.



Specialties:

- Project Management
- Expert Testimony
- International Experience

Charles E. Shotwell, CFEI

Vice President

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Charles E. Shotwell, CFEI, is a Vice President, East Region, of the Fire and Explosion Division. Mr. Shotwell has more than 30 years of experience in conducting 1,600 fire and explosion investigations globally. He has testified as an expert in fire and explosion investigation in both state and federal courts. Mr. Shotwell has presented training classes to the insurance industry as well as law enforcement and fire service personnel on fire and explosion investigations. Mr. Shotwell's experience includes large/complex loss investigations and management involving long duration with multiple team responses. Examples of his large loss/fire explosion investigations include losses involving multi-residential complexes, and losses involving multiple fatalities.



Specialties:

- Project Management
- International Experience
- Expert Testimony

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Lawrence Canary, IFSAC-CFI, FCLS, CFEI, is the Vice President, West Region, of the Fire and Explosion Division. He has 30 years of fire investigation experience and has personally conducted or supervised more than 1,600 fire investigations globally. Mr. Canary retired from the Air Force Office of Special Investigations and later served as the supervisor of the King County Fire/Arson Investigation Unit. He has testified as an expert in fire and explosion investigations in both state and military federal courts. Examples of his large/complex losses investigations include losses involving refineries, multi-residential domestic and overseas complexes, a correctional facility, an alternative fuels distribution plant, large educational facilities, battery warehousing and multiple fatality incidents. He functioned as the manager of the largest California wildfire CAT response, as well as a fire origin and cause investigation onboard the USS Independence with damages exceeding \$100M.



Specialties:

- Wildland
- International Experience
- Expert Testimony

William A. Bell, IAAI-CFI®
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William A. Bell, CFI, is a Senior Consultant in the Fire and Explosion Division. Mr. Bell has 17 years of experience conducting fire investigations globally. He has conducted approximately 1,500 fire and explosion investigations. Mr. Bell has testified as an expert witness in fire origin and cause in both state and federal courts. Mr. Bell's experience includes large loss involving commercial and residential properties, wildland fire origin and cause investigation, and has been involved with investigative team deployments of long duration. Examples of large loss fire/explosion investigations include wildland fire investigation in Chile and California, Don's Automotive Recycling Facility, Con-Agra Grain Mill explosion, large warehouse fires, paper recycling facilities, manufacturing warehouses, and multiple fatality incidents.



Specialties:

- Grain Industry
- Project Management
- Expert Testimony

Michael Davis, IAAI-CFI®
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Michael Davis, CFI, is a Senior Fire Consultant in the Fire and Explosion Division. Since beginning his career as a fire investigator in 1989, Mr. Davis has investigated more than 3,200 fires in both the public and private sectors. He has testified as an origin and cause expert in both North Carolina and South Carolina state courts. In his 25-year career, Mr. Davis has developed an expertise in large loss and complex case management. Mr. Davis is highly skilled in looking at all aspects of a loss to ensure that the best and correct expert is part of the investigative team that is representing the client. Mr. Davis has conducted numerous large loss investigations throughout his career to include fires and explosions involving chemical storage facilities, furniture stores and manufacturers, and sugar and grain processing facilities, many of which involved multiple fatalities. Mr. Davis is the expert of choice with insurance carriers and law firms that represent an array of risks including warehousing, retail sales centers, chemical manufacturing, commercial construction, colleges and educational facilities, condominium and apartment management and homeowner's associations.



Specialties:

- International Experience
- Expert Testimony

Jay J. Dold, CFEI
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Jay J. Dold, CFEI, is a Senior Lead Consultant and current Training Manager for the Fire and Explosion Division. Mr. Dold has more than 20 years of full-time fire and explosion investigation experience, and an additional seven years as a firefighter, and has personally worked or supervised some 3,000 fire and explosion investigations. He has testified in both state and federal courts as an expert in fire and explosion investigations on more than 50 occasions. Mr. Dold has conducted a large variety of investigations and is very experienced in conducting large/complex loss investigations up to \$500M in damages. Examples of his large/complex fire and explosion investigations include warehousing, power plants, food manufacturing, liquid fertilizer distribution stations, gas and oil wells sites, ammunition manufacturing, chemical manufacturing, ammonia gas refrigeration/cold storage facilities, retail centers, metal reclamation facilities, multiple fatality incidents and multi-residential complexes.



Specialties:

- Electrical Engineering
- International Experience
- Expert Testimony

Randy Down, PE, CFEI, CVFI
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Randy Down, PE, CFEI, CVFI, is a Senior Project Engineer in the Mechanical/Electrical Division. Mr. Down is actively licensed as a Professional Engineer (electrical) in a dozen states: North Carolina, Virginia, Georgia, Pennsylvania, New York, Delaware, Maine, New Hampshire, Indiana, Wisconsin, California and Nevada. His more than 40 years of engineering experience include the last 14 years as a forensic engineer assisting in some 600 fire and explosion investigations in the United States and abroad. He has testified as an expert in fire-related investigations. Mr. Down's experience includes large/complex loss investigations that have involved long duration deployments and team responses such as electrical engineering and analysis support to the ATF (Division of Alcohol Tobacco and Firearms). He's also worked on more than a dozen National Response Team callouts and multi-million dollar fire losses in Mexico, Panama, Venezuela and Chile. Examples of his large loss fire/explosion electrical investigations experience include warehousing, paper production facility, galvanizing plant, wood product manufacturing facility, munitions plant, food processing plant, shopping mall, retail facility, office facility, hotel, electrical utility equipment, and fatality incidents.



Specialties:

- Project Management
- Expert Testimony

Jeffrey Fisher, CFEI
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Jeffrey Fisher, CFEI, is a Senior Lead Consultant assigned to the Fire and Explosion Division. Mr. Fisher has more than 25 years of combined experience in the Fire and Law Enforcement Service with 10 years of experience as a Criminal Investigator (Detective) for the city of Waterbury, Connecticut. Mr. Fisher has successfully conducted hundreds of investigations with the last six years of municipal employment dedicated to fire/arson investigations. Since retiring from law enforcement, Mr. Fisher has continuously worked in the private sector as a professional Fire Investigator with approximately 800 investigations completed to date. Mr. Fisher has provided expert testimony in the area of fire/explosion investigation. Mr. Fisher excels in large/complex loss management and investigations that involve long duration deployments and team responses. Examples of his large loss fire/explosion investigation experience include large commercial warehouses, large residential structures, residential apartment/condominium developments, spray foam involved incidents, large retail centers, automotive parts manufacturing facilities, medical facilities and fatal/serious physical injury incidents. Mr. Fisher has also conducted several major investigations, not fire-related, including a large pharmaceutical warehouse burglary/larceny and a multiple vehicle organized theft investigation. His vast training and experience has enabled him to develop a diverse skill set which allows the client the benefit of a truly comprehensive evaluation.



Specialties:

- Marine
- International Experience
- Expert Testimony

George Hannigan, CFEI, CVFI
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George Hannigan, CFEI, CVFI, is the Technical Field Supervisor for the Northeast Region of the Fire and Explosion Division. Mr. Hannigan has more than 24 years of experience in conducting upwards of 1,600 fire and explosion investigations globally. He has testified as an expert in fire and explosion investigation in state superior court. Mr. Hannigan's experience includes large/complex loss management and investigations that have involved long duration deployments and team responses. Examples of his large loss fire/explosion investigations include pool chemical manufacturing and distribution, particle board manufacturing, warehousing, pharmaceutical manufacturing, paint manufacturing facilities, energy plants including natural gas, multi-residential complexes, large retail centers, marine fires involving yachts, and marinas along with multiple fatality incidents.

**Specialties:**

- Marine
- International Experience
- Expert Testimony

T. David Harlow, IAAI-CFI®, CFEI, CVFI, CMI

Technical Field Supervisor

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T. David Harlow, CFI, CFEI, CVFI, CMI, is a Technical Field Supervisor in the Fire and Explosion Division. Mr. Harlow completed 31 years in the fire service before entering the private sector, and has a total of more than 42 years of experience in conducting fire and explosion investigations throughout the eastern United States and three foreign countries. He has been deposed, and has testified as an expert in fire and explosion investigation. Mr. Harlow's experience includes large/complex loss management and investigations that have involved long duration team responses. As an International Association of Marine Investigators—Certified Marine Investigator, he has worked large marina and multiple vessel fires. In addition, his experience includes large complex loss, commercial, industrial, and multiple fatality fire investigations. He is a graduate of the IAAI-ATF program "Complex Fire Investigation for the Insurance Industry." Mr. Harlow has taught fire and arson investigation at the college level.

**Specialties:**

- Trucking and Heavy Equipment
- Expert Testimony

Leonard Jaskulka, IAAI-CFI®, CFEI

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Leonard Jaskulka, CFI, CFEI, is Senior Consultant, Fire and Explosion Division. Mr. Jaskulka has 20 years of full-time fire and explosion investigation experience and has personally worked or supervised more than 1,300 fire and explosion investigations. He has testified in both state and federal courts as an expert in fire and explosion on more than 35 occasions. Mr. Jaskulka has conducted a large variety of investigations and is experienced in conducting large/complex investigations. Examples of his large/complex fire and explosion investigations include warehousing, manufacturing plants, natural gas and oil pumping stations, cold storage facilities, fireworks distribution facilities, retail centers, multiple fatality incidents, and multi-residential complexes.

**Specialties:**

- Large Fatality Incidents
- International Experience
- Expert Testimony

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Steven Reed, CFI, CFEI, CFII, is a Technical Field Supervisor for the Fire and Explosion Division, and has 33 years of fire investigation experience. He has personally conducted more than 3,000 fire investigations. Mr. Reed retired from the North Carolina State Bureau of Investigation and has testified as an expert in fire and explosion investigations in both state and federal courts in a number of different jurisdictions. Mr. Reed's experience includes functioning as the lead investigator in large/complex losses such as an explosion and fire at an oil refinery in Singapore. He's led multiple large losses at apartment complexes and commercial properties under construction, resulting in millions of dollars in damage. He's also worked multiple large processing and manufacturing plants and recently functioned as the Lead Investigator of a commercial building fire in California that led to the second largest loss of life since 2003.



Specialties:

- Oil and Gas
- Marine
- Expert Testimony

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Schaef D. Riley, CFI, CFEI, CVFI, is a Senior Fire Consultant in the Fire and Explosion Division. Mr. Riley has conducted more than 1,200 fire and explosion investigations over the past 11 years. He has exceptional knowledge in several disciplines of the construction industry and has worked as a large loss insurance adjuster from the west to east coast. Mr. Riley's knowledge, training and previous insurance background makes him a well-rounded expert in the industry. He has testified in multiple depositions and provided expert testimony in Texas state court, as well as achieving his Pro-Board Certification from the IAAI. His investigations have ranged from residential house fires to large loss manufacturing facilities. Those facilities include large manufacturing warehouses, petroleum processing plants, natural gas drilling rigs, restaurants, strip shopping centers, multi-family residential complexes, retail stores, chemical storage warehouses, college agricultural buildings, schools, day care facilities, and churches. Other investigations have included vehicle, marine, marina, large loss equipment, and combines.



Specialties:

- Marine
- International Experience
- Expert Testimony

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Robert M. Shotwell, CFEI, MA, is the Senior Lead Consultant for the Fire and Explosion Division, and has more than 16 years of experience in conducting maritime, criminal and fire investigations across the globe. He is currently a Chief Petty Officer in the Coast Guard Reserves. He has testified in both state and federal courts and conducted hundreds of investigations. Mr. Shotwell is also an adjunct professor at Saint Leo University in the Criminal Justice department. A few highlights of Mr. Shotwell's experience include large/complex investigations involving U.S. government vessels, Takata air bag explosions, private yachts, fatalities, cargo theft, human trafficking, Racketeer Influenced and Corrupt Organizations (RICO), and fraud.



Specialties:

- Significant International Experience
- Chemical and Manufacturing
- Expert Testimony

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Ricardo Torres, CFI, is the Mexico and Latin America Region Manager for Envista Forensics. Mr. Torres has more than 21 years of experience as a Certified Fire Investigator and has conducted upwards of 1,200 fire and explosion investigations in the U.S. and throughout Latin America including Mexico, El Salvador, Honduras, Costa Rica, Panama, Venezuela, Colombia and Ecuador. He has served as the principal consultant on several large/complex fire and explosion losses. His experience includes chemical plant and refinery explosions, manufacturing plant fires, shopping mall fires, residential and commercial building fires, commercial vehicles, wildland fire investigations and marine fire investigations. Mr. Torres has testified as an expert in different countries including the U.S., Mexico and El Salvador.

For more than 25 years, Envista Forensics has been at the forefront of servicing the insurance industry, legal professionals and corporations, successfully helping clients understand the cause of loss and determining responsibility following all types of equipment failures.

With extensive operations across North America, Latin America, EMEA and Asia-Pacific, Envista Forensics is uniquely positioned to deliver scientific expertise and court presentation experience to their clients, no matter where in the world these services are required.



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