



AP TRITON

VISION • INNOVATION • SOLUTIONS

FIRE AND LIFE SAFETY



FIRE AND LIFE SAFETY (FLS)

AP Triton is committed to providing innovative solutions for public safety. Triton's philosophy focuses on improving and enhancing the services and processes of an organization or business to better serve its customers. Triton employs subject matter experts to provide recommendations to solve problems or make improvements that optimize services and products.

The Fire & Life Safety Division focuses on services that prevent or mitigate fire and life safety issues and educates agencies on what changes are necessary to enhance services or solve problems and how to make them. Utilizing data driven approach, our team members develop a comprehensive report based on nationally recognized standards and best practices to improve services, systems, and products.

FIRE AND LIFE SAFETY SERVICE CATEGORIES

- Code Enforcement & Staffing Studies (NFPA1730)
- Fire Marshal's Office Peer Review
- Prevention & Life Safety Studies
- Public Education Needs & Programs
- Community Risk Reduction Plans
- Fire Prevention to Community Risk Reduction – Department Transformation
- Fire Code and Regulatory Compliance Assistance
- Code Development Services (for new developments/ technologies)
- Fire Investigations
- Emergency Operations Center Planning & Development
- Expert Witness Testimony
- Fee Schedule Analysis
- Fire Data Analysis
- Inspection Services
- Plan Review Services
- Wildfire Grant Application and Management
- Community Wildfire Protection Plans
- Home Hardening Analysis
- Fuel Modification Design
- Development Agreements
- Environmental Compliance

CODE ENFORCEMENT & STAFFING STUDIES

Our consultants will conduct a comprehensive review using NFPA 1730 (Standard on Organization and Deployment of Fire Prevention Inspection and Code Enforcement, Plan Review, Investigation, and Public Education Operations) as a guide to review current workloads, develop priorities, demand, and compare the workload with industry standards and similar agencies where applicable.

COMMUNITY RISK REDUCTION PLANNING & TRAINING

The concept of community risk reduction (CRR) has changed and is becoming an established process for fire departments to improve services. Implementing a comprehensive CRR plan impacts the public and firefighter safety using the 5 Es; Emergency Response, Education, Engineering, Enforcement, and Economic Incentives. Risk reduction should begin at the station level since risks will vary from one response area to another. Triton's consultants are experts in developing risk reduction plans using data to determine the highest risks for the agency. Agency training is available to integrate CRR in all aspects of the organization.

FEE SCHEDULE ANALYSIS

The amount a fire department charges for services is an essential financial component designed to recover the cost of services such as inspections, plan reviews, hazardous material responses, or for stand-bys during special events. Triton's consultants will review and provide an analysis of existing fees based on community expectations, benchmarking of similar jurisdictions, and how fees will recover costs for services. If there is not a fee schedule, Triton will work with the agency to develop a fiscally responsible and sustainable program.

FIRE CODE & REGULATORY COMPLIANCE ASSISTANCE

Continually changing fire codes and regulations may require fire departments and businesses to seek outside assistance when challenging compliance problems arise and subject matter experts are necessary. Triton's team can provide an agency or company with assistance to determine the optimal solution to maintain current safety standards at the local, state, and national levels.



COMMUNITY WILDFIRE PROTECTION PLANS

As the threat of wildfires in the urban interface continues to increase, the need for a comprehensive wildfire protection plan is a necessity for many communities. Without a comprehensive strategy to reduce the impact of a wildfire, the risks to an entire community increase. Triton's team of experts will develop a community wildfire protection plan using GIS and modeling to determine risks and create mitigation and prevention strategies for specific communities to become more fire resilient.

EXPERT WITNESS TESTIMONY

In many cases, an expert witness is needed to provide an independent opinion on a particular subject not available internally. Triton has developed a list of qualified and experienced expert witnesses to assist the court or other judicial bodies on the organization's behalf during a legal matter. These experts can provide services ranging from code compliance issues to fire investigations.

CODE DEVELOPMENT SERVICE

In an ever-changing environment, the development of new products and technologies may impact how adopted fire and building codes are enforced and interpreted. Triton can assist manufacturers and other organizations in developing code changes and present them at the code development hearings. Triton's consultants have a broad understanding of codes and the code development process and can create a plan to advance changes while maintaining the safety of the occupants and buildings.

EMERGENCY OPERATIONS CENTER PLANNING & DEVELOPMENT

The development of a comprehensive and functional Emergency Operations Center (EOC) plan provides a jurisdiction with a set of policies or guidelines for use during a major incident or disaster. Triton's team of emergency management experts will review and update the current EOC plan using the latest FEMA guidelines and our consultant's real-world knowledge.