

## USE CASE

# Health & Wellness Screening for First Responders & Firefighters

## Comprehensive Onsite Health Screening to Combat Cancer & Cardiovascular Risks

### Background

Firefighters and police officers face significantly higher risks of cancer and cardiovascular issues compared to the general population. These increased risks are directly linked to the environments in which they work, as well as the physical exertion, stress, and lifestyle factors associated with their jobs.

Repeated exposure to carcinogens like smoke, diesel exhaust, and toxic chemicals makes cancer a major occupational health issue for first responders. Additionally, sudden cardiac death is a leading cause of on-duty fatalities.

Prioritizing the health and resilience of first responders and firefighters is crucial for community well-being, public safety, and the delivery of essential services.

### Challenge

Despite increasing awareness of health risks, early detection and prevention efforts remain inconsistent across agencies. Occupational health programs frequently lack proactive and accessible screening, resulting in many at-risk personnel going undiagnosed until treatment options become limited and costly. This gap in preventive care harms individual health, agency readiness, and workforce sustainability.

Additional challenges include:

- Costs and inefficiencies associated with offsite testing services.
- Difficulty locating a vendor that offers immediate onsite physical exams and testing.
- Manual, time-consuming exam scheduling, program management, and execution.
- Inconsistencies in exam standards and quality stemming from varied workflow processes.

To overcome these challenges, state and local agencies choose Acuity's Onsite Medical Exam Services.

### Summary

With Acuity's Onsite Medical Exam Services, state and local agencies can ensure the health, safety, and wellness of firefighters and first responders – conveniently and at scale.

### Industry

State and local government

### Challenge

First responders encounter serious health risks from carcinogen exposure and physical stress, but early detection and prevention are often inconsistent, leaving many undiagnosed. Inefficiencies in offsite testing, challenges in sourcing onsite services, and varying exam standards emphasize the need for effective onsite medical exam solutions.

### Solution

Acuity International's Onsite Medical Exam Services address these risks.

- Comprehensive, onsite medical exams tailored for first responders, all delivered through a single-vendor solution.
- Mobile medical teams and standardized protocols reduce downtime and ensure compliance.
- Real-time tracking, automated workflows, and expert management improve reporting, data accuracy, and identify health trends for proactive wellness planning.

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## Solution

Acuity delivers onsite medical exam services through a single vendor solution, at one location, within a prescribed timeline.

Tailored for firefighters and first responders, our integrated services support state and local government wellness programs by screening for cancer and cardiovascular disease risk, while promoting physical and mental health.

With full medical oversight, program management, and staffing, we help create safer, more supportive work environments where responders are empowered to perform under pressure.

Our compliance-driven services include:

- **Comprehensive onsite services:** A full suite of medical services that integrates onsite logistics, medical histories, physical exams, lab tests, and physician reviews into one process for health and wellness screening, including cancer and cardiovascular disease risk.
- **Mobile medical services:** Onsite mobile medical teams deliver screening and surveillance exams, reducing downtime by eliminating offsite travel and bringing services where employees are.
- **Streamlined reporting and automated workflows:** Physicians review and evaluate exam records for completeness before submitting them to management, minimizing errors and delays. Automated and standardized workflows create a unified health record for each examinee.
- **Advanced medical tracking and oversight:** Acuity's web-based platform tracks exams in real time, ensuring compliance and efficient reporting, while integrating test results and risk factors to identify health trends and concerns.
- **Standardized protocols:** All screening is aligned with nationally recognized standards and accreditations.

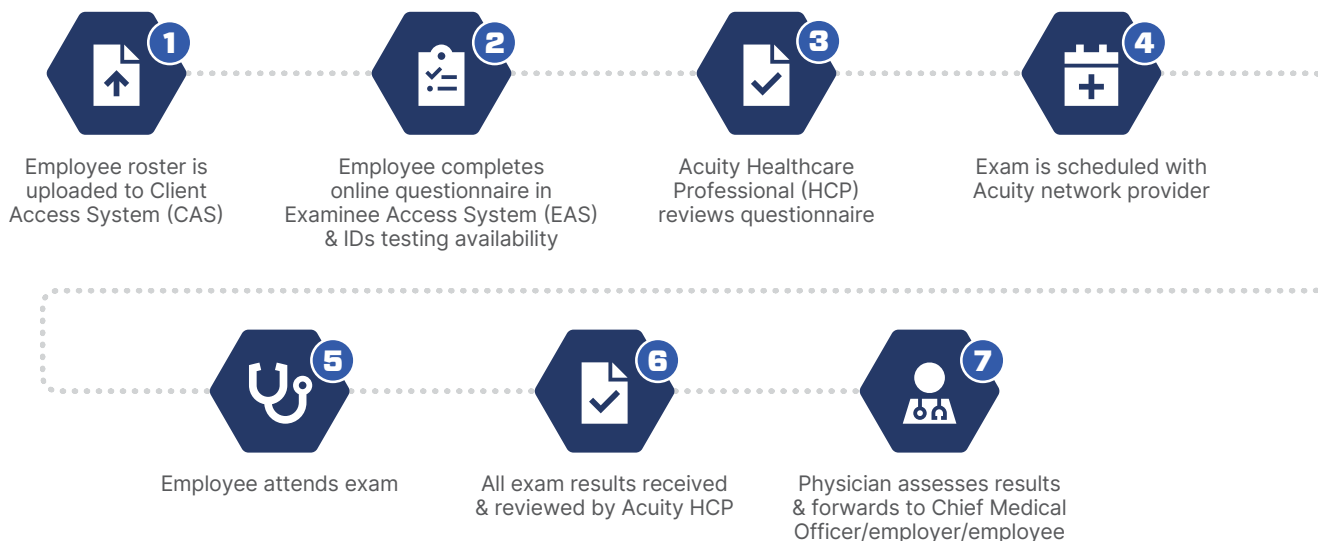
Delivered by dedicated, onsite, board-certified medical professionals and licensed nurse practitioners, our occupational health physicals are administered according to high standards of quality and completeness, including medical oversight to address immediate concerns.

With expert program management, mobile and onsite care, and advanced technology, we simplify the entire exam and wellness process, delivering consistent, measurable results.

## Benefits

With Acuity's onsite medical exam services, state and local governments can:

- Detect and mitigate health risks early with proactive health management.
- Simplify logistics with mobile, onsite services and expert program management.
- Customize exams to fit each organization's risks, needs, and structure, including dispersed teams.
- Minimize risk and maintain compliance through standardized, efficient processes.
- Achieve reliable results with integrated technology and end-to-end oversight.



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## Program Experience and Results

Acuity's health and wellness services support thousands of personnel per month across a variety of environments and use cases, including:

### Eagle Mine Onsite Medical Exams & Physical Examinations

- Customizable onsite medical exams including physicals, drug testing, and physical capacity testing.
- Comprehensive program management support for streamlined execution.
- Pre-employment exam programs to verify fitness for duty.
- Built to align with mining industry best practices and improve operational efficiency.

### National Supplemental Screening Program (NSSP) - Occupational Medical Exams

- Medical exam scheduling, records management, and secure electronic data transfer.
- Extensive data capture with over 350 fields per exam.
- Digital file room for digitized record retention and analysis.
- Ongoing quality assurance monitoring shared annually with the NSSP Advisory Committee.

### Wildland Firefighters (WLFF)

- Standardized nationwide exam services across all 10 Forest Service regions, including Alaska, Hawaii, and Puerto Rico.
- Medical process and moderate-to-light duty exams offered periodically or as needed.
- Robust provider network ensures one-stop exam coverage within 50 miles of WLFF duty stations.
- Fully compliant with USDA standards for convenience and consistency.

## About Acuity

Acuity International is a leading provider of process- and technology-driven critical services for government and commercial customers. We specialize in medical services, occupational health, disaster recovery, program & construction management, and advanced environmental remediation for Federal agencies, U.S. State and Local Governments, global partners, and commercial organizations. Our focus is on ensuring mission continuity and stability by solving complex challenges in some of the most demanding environments worldwide.



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