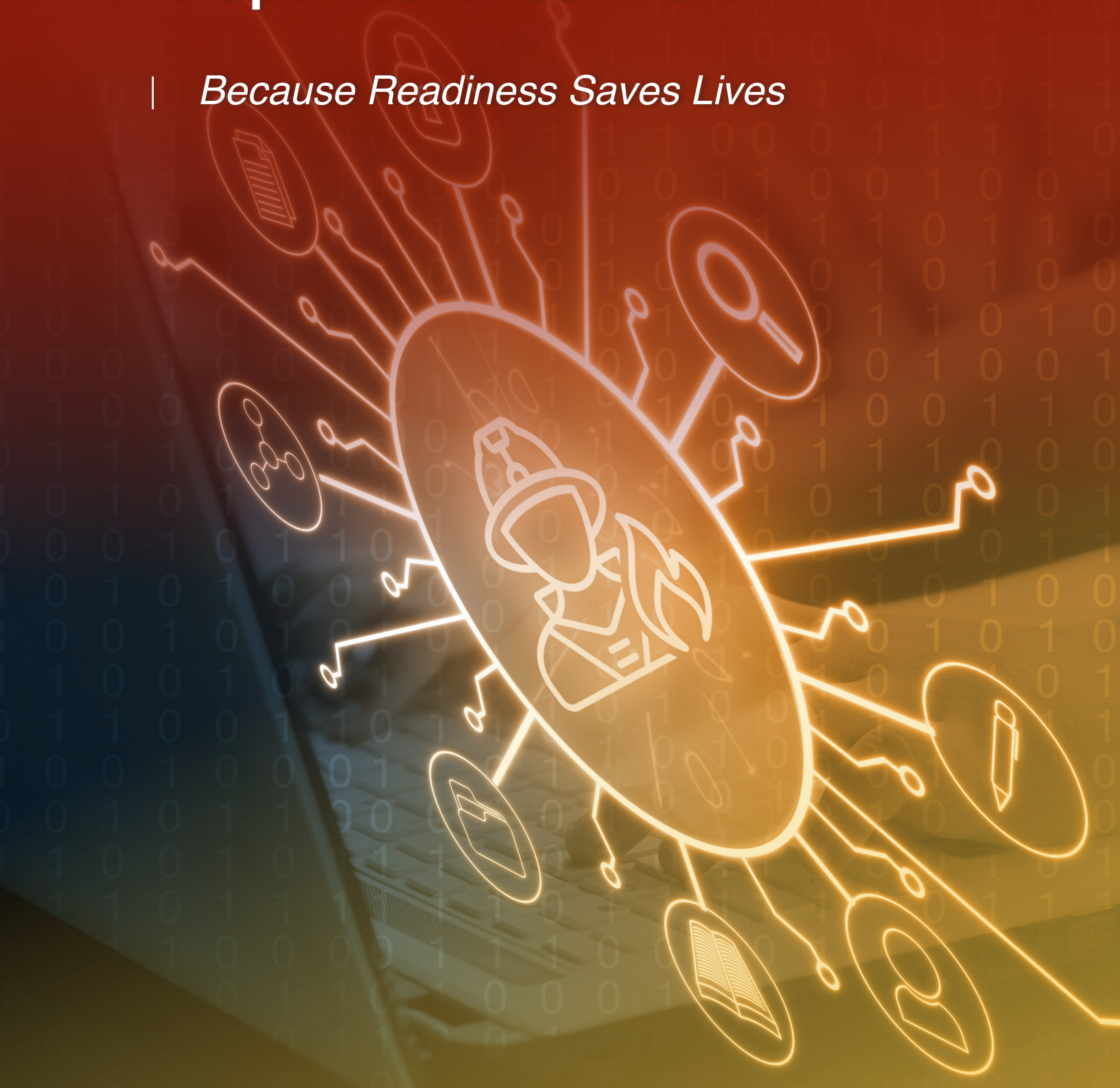
VectorSolutions™

Best-In-Class Fire Service Training and Operational Software

Because Readiness Saves Lives



As fire and EMS agencies face increasing responsibilities and tighter budgets, the need for cost-effective, comprehensive software solutions becomes crucial. Outdated software and processes, along with technology not tailored to the specific needs of the fire service, can hinder operations and jeopardize the safety of firefighters and EMS personnel. Vector Solutions is revolutionizing the industry by collaborating with experts to deliver innovative, user-friendly software designed specifically for the fire service. Here's how we're making a difference for our partners in this critical field.

TABLE OF CONTENTS

TRAIN

1. Training Management 4
   a. Onboarding and Probation 5
   b. Recertification and Licenses 6
   c. ISO 7
   d. Online Courses 8
      i. NFPA 8
      ii. Wildland 9
      iii. EMS 9
      iv. Other Topics 9
   e. Reporting and Data 10
   f. Connect Local and State Systems 11
   g. Policies and Procedures 12
   h. Custom Content 13
   i. Professional Development & Succession Planning 14
   j. Connecting Local Agencies via Enterprise 15
   k. Post-Incident Analysis 16
   l. Grants, Incentive Pay, and Other Funding Activities 17
   m. Live Skill Evaluations 18
   n. Academies and Certifying Bodies 19

PREPARE

2. Roster & Shift Scheduling 21
3. Inspections and Asset Management 22
   a. Truck Checks & Equipment Inspections 23
   b. Cradle-to-Grave PPE Tracking 23
   c. Controlled Substance Tracking 23
4. EHS Data Management 24

RETAIN

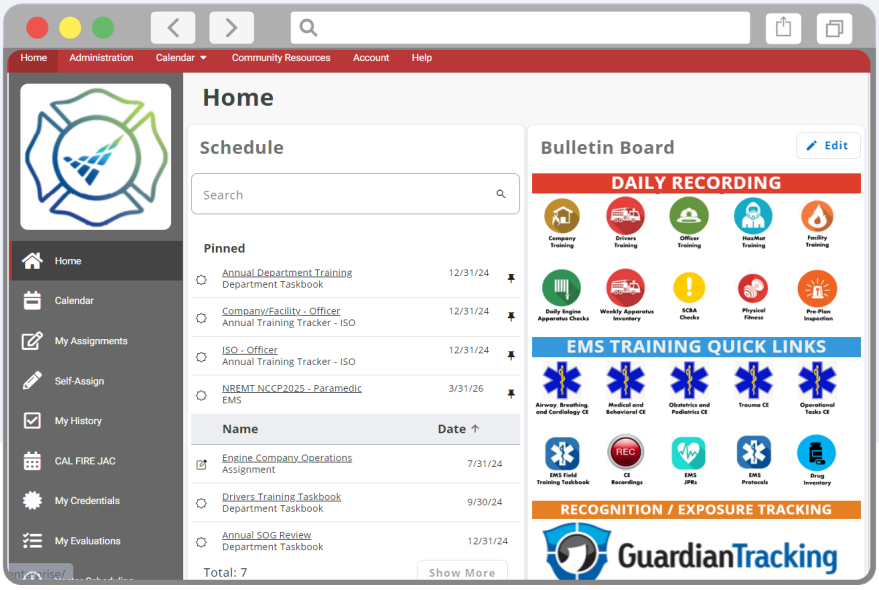
5. Critical Incident & Exposure Tracking 25
   a. Positive Recognition 26
6. Third-Party Connections 26

TRAINING MANAGEMENT

TARGETSOLUTIONS

Reduce Liability & Improve Training Documentation

Make every minute of training count with a flexible platform designed to help you achieve your department's training goals.



Streamline Administrative Tasks

Easily assign, track, and manage all training within a single system.

Centralize All Training Records

Keep all training-related documentation and records in one secure, digital repository.

Reduce Liability with Legally Defensible Training Records

Show proof of personnel competency, training activities, and more. Quickly and easily respond to public records requests and gather documentation for annual reporting, overseeing entities, budget requests, and more.

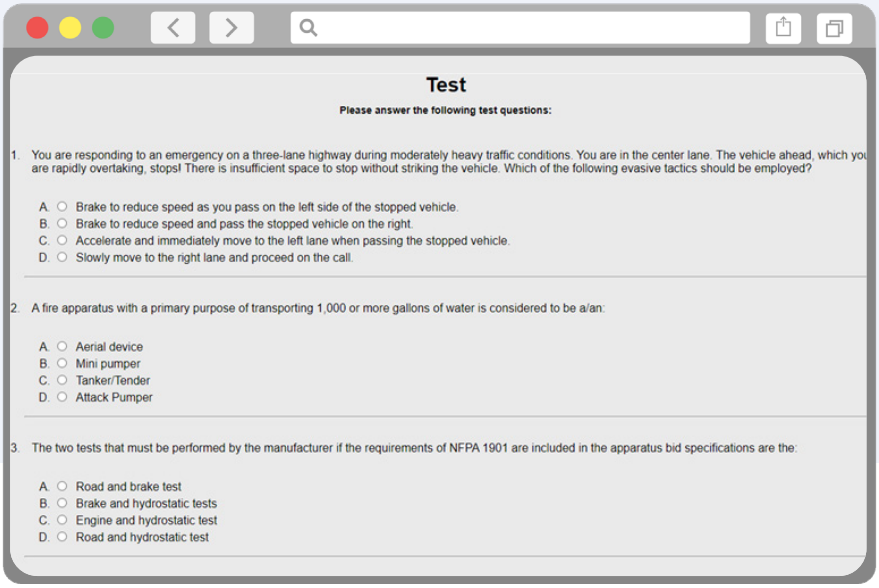
Keep Records Secure

Never worry about water damage, lost paperwork, or coffee rings again. With Vector, training records and documentation are safely stored in the cloud, which makes it easy to adhere to records retention schedules and simplifies destruction when the time comes.

ONBOARDING AND PROBATION

Streamline and Digitize Onboarding and Probationary Activities

A new hire means a new round of onboarding, initial training, and other administrative tasks while the rookie gets up to speed. Vector's training management system makes it easy to set them up for success.



Digitize Paper Task Books and Easily Access from the Field

Leave paper task books behind and move all onboarding and probationary materials to a secure, cloud-based training system.

Track and Manage All Probationary Training

Keep all training documentation from the probationary period in one place and ensure all new recruits complete initial training.

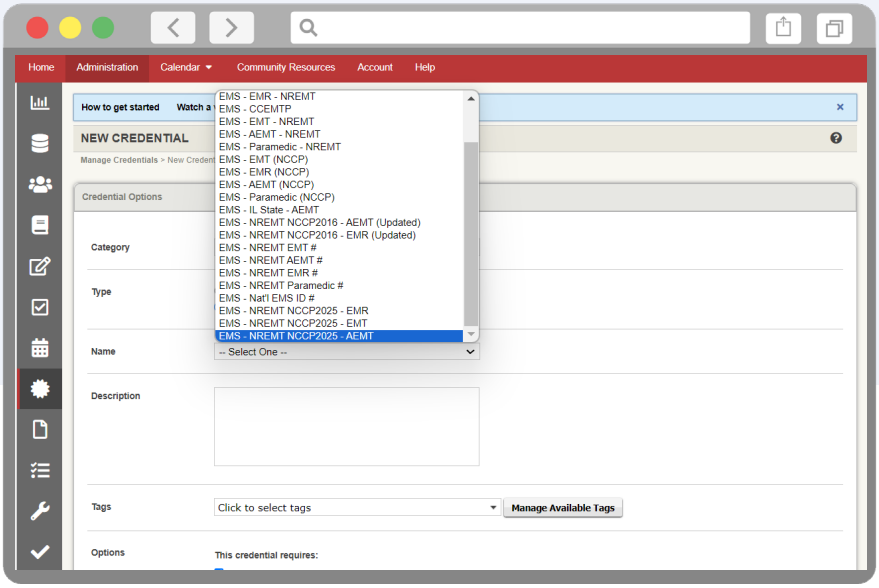
Protect Your Agency in the Event of Termination

Should a recruit fail to progress, comprehensive documentation can minimize liability during a termination.

RECERTIFICATION AND LICENSES

Stay Ahead of Recertification Requirements and Easily Track Licenses

Fire and EMS departments have the legal responsibility of ensuring their members have the qualifications required to fulfil the obligations of their roles. Exact licensing and certification requirements vary by state, but they can all be managed in Vector's training management system.



Track Training Hours for Recertification

Build custom training tracks or utilize pre-built recertification credentials customized by state and certification to ensure every hour needed for recertification is counted.

- FEMA
- OSHA
- ARFF
- Firefighter I/II
- EMS CEUs
- Fire Investigators
- Fire Instructors
- HAZMAT
- Technical Rescue
- Apparatus Driver/Operator
- And more!

Ensure Licenses and Certifications are Current

Keep track of upcoming due dates and expiration dates for certifications and licenses.

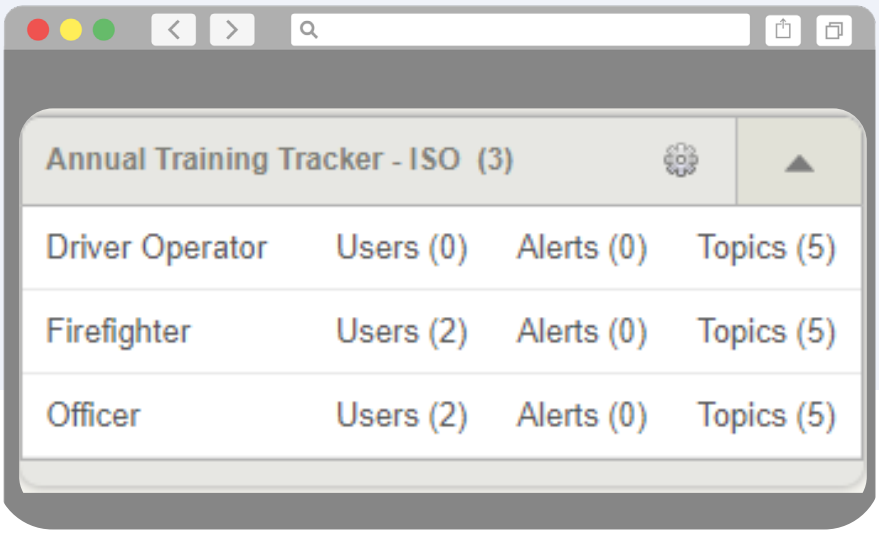
Pre-built Credentials Meet Specific Requirements

Take advantage of pre-built training credentials that provide the training framework needed to meet requirements for the **FAA's Aircraft Fire Fighting and Rescue Training,** the **National Registry of Emergency Medical Technicians Training, and more.**

ISO

Take the Headache Out of Your Next ISO Audit

Ace your next ISO audit by utilizing pre-built training trackers that make it easy to meet benchmarks and provide assessors with all the information they need in clear and concise views.



Streamline Meeting ISO's Training Benchmarks

Ensure members complete the right amount of training and for the right categories.

Export Data in an Easy-To-Read Format

Generate comprehensive reports that include all data for every category required by assessors and make it easy to spot check that all members have completed required training.

Capture All Training Activity Details Required by ISO

All details required by ISO, including objectives, date, duration, instructor, location, and additional information, are easily documented.

ONLINE COURSES

Supplement Hands-On Training with Vector's Extensive Firefighting and EMS Course Catalogs

Vector Solutions' online training catalog includes 300+ courses created for the fire service by industry experts.

NFPA

Utilize courses based on NFPA codes and standards, including NFPA 1010, NFPA 1041, NFPA 1410, NFPA 1500, NFPA 1851, and much more.

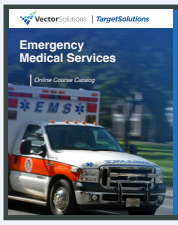
Wildland

Vector's Wildland Firefighting catalog includes the S-190 series and the RT-130 refresher series. The RT-130 series explores the fundamentals of wildland firefighting, wildland fire behavior, situational awareness, safety strategies, and more. The series is updated annually to include the latest research, statistics, and case studies.

DOWNLOAD VECTOR'S FIREFIGHTING COURSE CATALOG

EMS

Vector Solutions is organizationally accredited by CAPCE. EMS providers at all levels of certification can complete their continuing education requirements for recertification using Vector's library of over one hundred online EMS training courses.



DOWNLOAD VECTOR'S EMS COURSE CATALOG

Other Topics

Provide additional training in areas including workplace safety, culture, and more with Vector's OSHA & Compliance, Human Resources, and Cybersecurity Awareness catalogs.

OSHA & Compliance

- General HIPAA Awareness
- Bloodborne Pathogen Safety
- HAZMAT Spill Prevention & Control

Human Resources

- Sexual Harassment Awareness
- Alcohol-Free Workplace
- Diversity, Equity & Inclusion

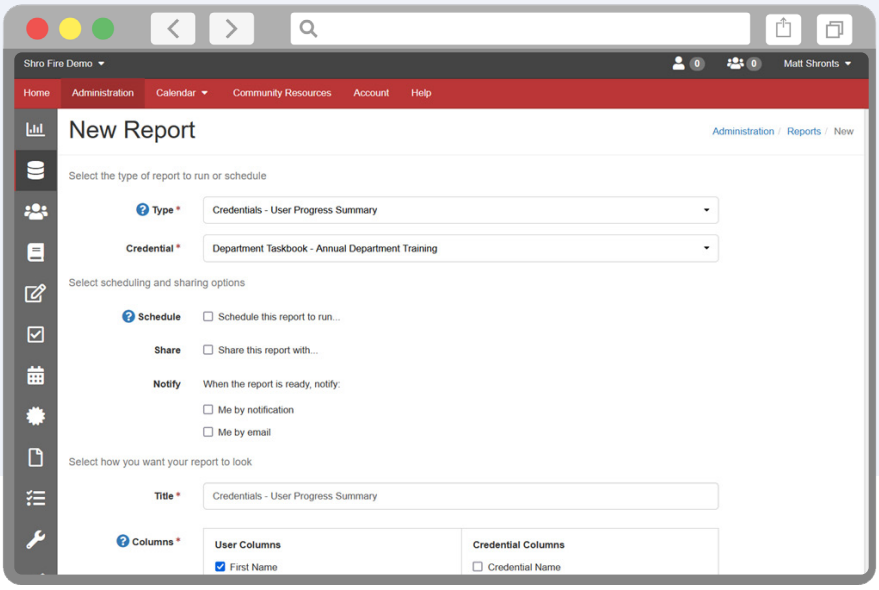
Cybersecurity Awareness

- End-User Best Practices
- Security Awareness Essentials
- Creating a Cyber Security Culture

REPORTING AND DATA

Track Progress Granularly or Agency-wide with Extensive Analytic Tools

With comprehensive reporting and centralized training data, fire and EMS agencies can mitigate training-related liability.



At-A-Glance Dashboards

Dashboards for user progress and assignments make it easy to quickly check progress towards training requirements or agency goals.

Automatic Reporting to CAPCE

Vector Solutions automatically reports all recertification hours to CAPCE to ensure all CE is tracked and accounted for.

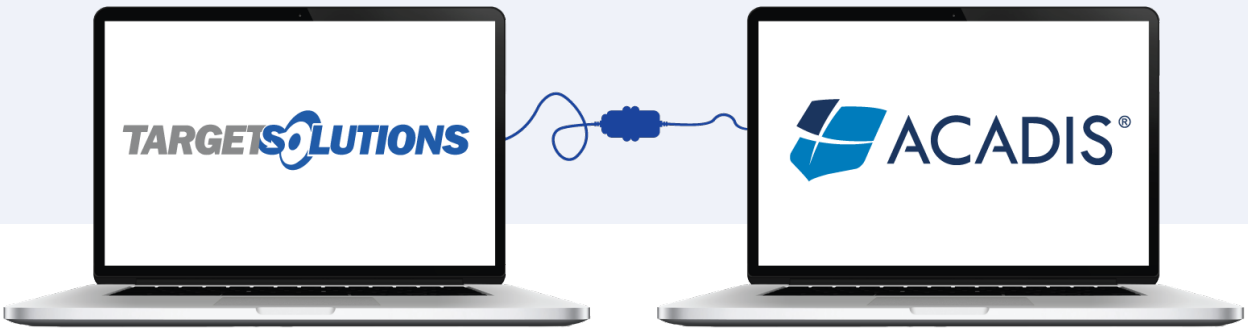
*Vector also automatically reports EMS training hours to other recertification authorities in some states. Contact your account representative to learn more.

Set Up Scheduled Reports and Notifications

Automate reporting by setting up recurring reports to be sent via email to training supervisors and other stakeholders. Export data in multiple formats, including .pdf and .csv.

CONNECT LOCAL AND STATE SYSTEMS

Connect Fragmented Systems and Eliminate Manual Processes



Vector's newest offering, AgencyConnect, streamlines training and certification management, unifies data from local and state systems, and automates manual processes with ease. As this powerful new solution evolves, Vector Solutions will bridge the gap between local departments and state agencies, shoring up areas of inefficiency, mitigating compliance risks, and ensuring preparedness regardless of the scale or scope of the incident.

The Only State-to-Local Connected System

Vector offers the only solution that can automate training submissions from local departments to state agencies.

Improve Emergency Preparedness and Response

Centralize critical readiness data for boosted insight and transparency.

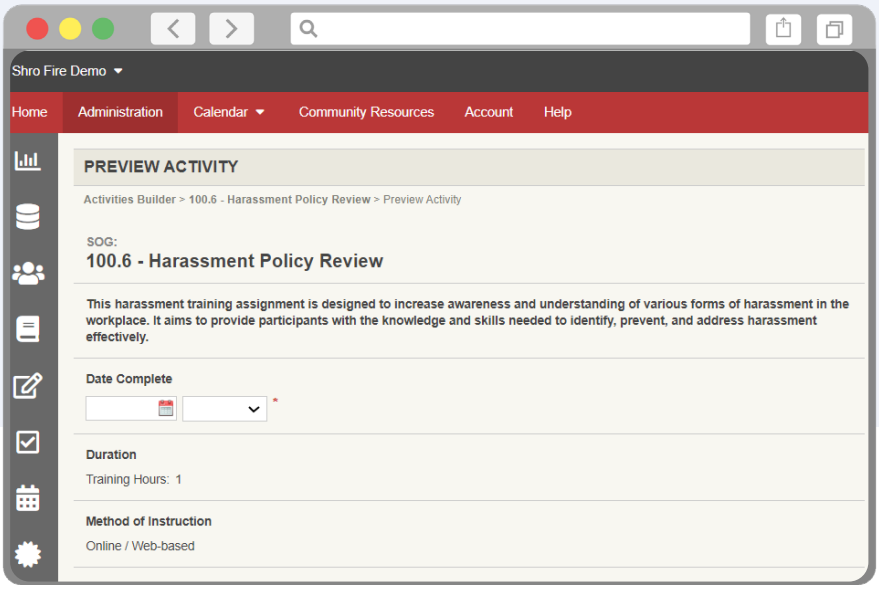
Accelerate the Renewal Process

Streamline manual processes and reduce the administrative effort to review and submit continuing education with real-time CEU and Vector Training Management System course completion submissions.

POLICIES AND PROCEDURES

Ensure Comprehension and Acknowledgement of Agency Policies

Operating procedures and best practices are constantly evolving, and agencies must update their own policies to match. With Vector's policy management tools, agency leadership can be sure all members have read and understood every change.



Distribute Policies

Easily distribute critical procedural updates with just a few clicks and ensure all members are made aware of new policies.

Employee Acknowledgement

Capture proof of acknowledgement and digitally route through the chain of command

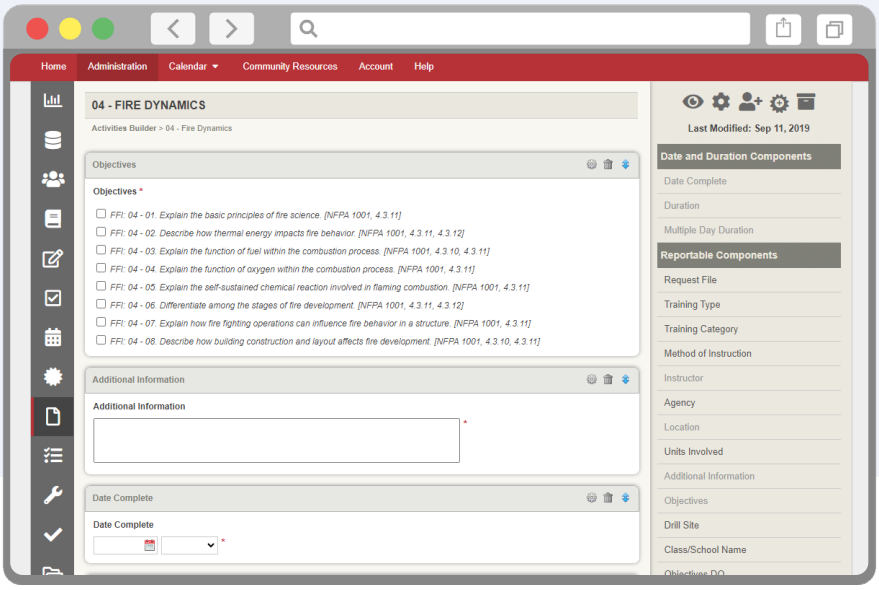
Test Comprehension

Build custom quizzes and tests to assess comprehension of key topics or updates.

CUSTOM CONTENT AND HANDS-ON TRAINING

Import Content to Ensure Training is Relevant to Your Agency

Each fire and EMS department is faced with unique challenges specific to their location, state and local laws, and the scope of their responsibilities. Importing custom and third-party content allows training to match the day-to-day realities faced by each agency.



Upload Custom Videos, Slide Decks, Tests, and More

Import custom-developed training content, materials from overseeing entities, or shared from neighboring agencies.

Deliver Third-Party Online Courses

Incorporate training from other third-party sources and build comprehensive training programs. Vector's training management system supports SCORM 1.2, SCORM 2004, and xAPI/Tin Can file types in the United States and SCORM 1.2 internationally.

Utilize Community Resources

Share and swap resources with other Vector customers via Community Resources. Over 50,000 resources have been shared by other public safety agencies, including videos, policies, lesson plans, slide decks, and more.

Track Every Training Hour Completed by Your Members

It's impossible to overstate the importance of hands-on training in the fire service. Vector's training management system gives fire and EMS departments the ability to track, document, and report on hands-on training and classroom learning in the same system used to manage online training.

Consolidate Online and Hands-On Training into One System

Simplify training management by using one software platform to track, deliver, document, and report on every single hour of training.

Ensure Members Receive Credit for All Training

Never let training hours slip through the cracks or go unaccounted for.

Maximize In-Person Training Time

Use Vector's training management system to assign pre-work, reading, or other activities ahead of hands-on training to improve focus and engagement when gathered for in-person learning.

PROFESSIONAL DEVELOPMENT & SUCCESSION PLANNING

Prepare the Next Generation of Fire Service Leaders

Today's recruits are tomorrow's leaders. Provide the training they need to be prepared and ensure a smooth transition when the current leadership retires.

Formalize Professional Development Programs

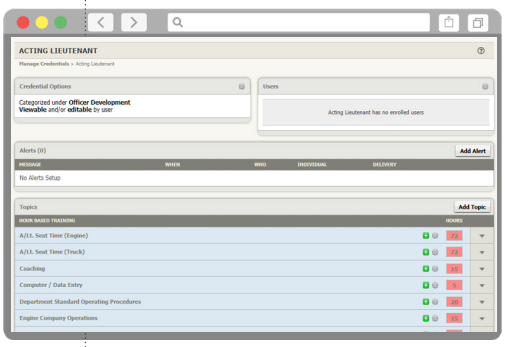
Build custom career pathways or training matrices for promotions and other advancement opportunities.

Empower Members to Take Charge of Their Careers

Courses and other learning activities can be self-assigned, allowing members to take their training into their own hands.

Pull Training Records When Considering Candidates

Track each individual's progression and collect data for performance reviews or when considering candidates for promotion.

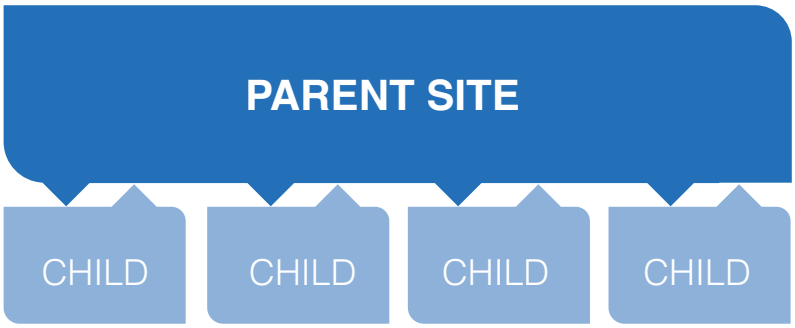


CONNECTING LOCAL AGENCIES VIA ENTERPRISE

Improve Mutual Aid Operations with Consistent Training

During a major incident, effective emergency response requires complex communication and coordination. For co-response and mutual-aid agencies, providing consistent training and sharing resources can dramatically improve operations.

- Training Consortiums
- Joint Academies
- USAR Teams
- Mutual-Aid Training Operations
- Cities and Municipalities



Improve Collaboration without Sacrificing Autonomy

In an Enterprise environment, each department or group within the organization is assigned its own instance, called a “child” site. Each child site is connected to the “enterprise” or “parent” site, allowing training, training plans (credentials), policies, files, events, and other activities to be shared from the parent site to each respective child site, while still allowing child sites to operate independently.

Easily Gather Training Data

Administrators at the enterprise level can view training records from child sites and run reports, eliminating the need to combine various reporting sources into unified reports.

Customize Access

Set default settings or customize access to training activities based on organizational priorities.

"Our mission statement is to provide unified training for regional excellence. It's about everyone speaking the same language when they respond together. I get calls from people all around the United States asking us how we're doing this, and one of the things I tell them is that everyone has to be on the same firefighter-friendly LMS."

– Deputy Chief, South King County Fire Training Consortium

POST-INCIDENT ANALYSIS

Turn Real-Life Experiences into Learning Opportunities

Like all professions, emergency responders gain knowledge through experience. By capturing those details and turning them into training activities, your crew will have endless resources and benefit from lessons learned in the field.

Create Training Activities to Address Deficiencies

Gain insight into potential training opportunities to address performance shortfalls.

Leverage Reports to Create Training Scenarios

Include audio from calls, CAD text, photos, videos, diagrams, and more to create particularly engaging training activities.

GRANTS, INCENTIVE PAY, AND OTHER STATE-SPECIFIC ACTIVITIES

Track Training Activities Required to Qualify for Incentive Pay, Stipends, Grants, Reimbursements, and More

Depending on location, fire departments and individual members may be eligible for a variety of funding opportunities, including grants, incentive pay programs, training reimbursements, and more.

How Does Vector Help?

Funding programs often require specific training requirements. Vector's training management system makes it easy to track and store all training-related documentation required for these programs and quickly retrieve it for mandated reporting.

Track Activities Specific to Your State

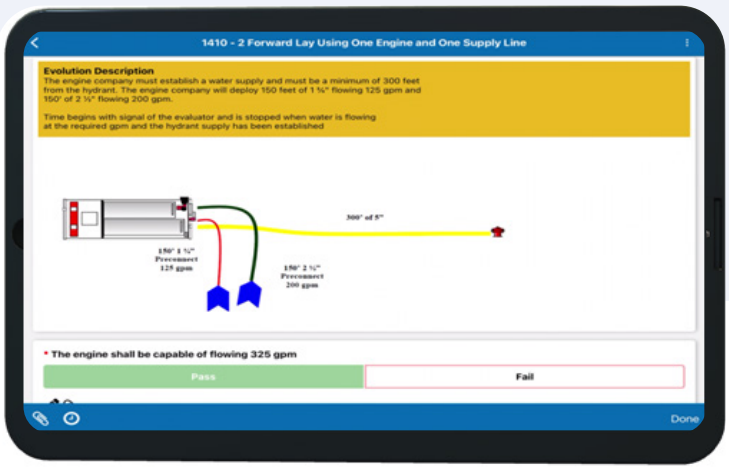
Required training and other mandated activities vary wildly by state. Vector's training management system offers the flexibility and customizability needed to incorporate any and all training-related data you need to track, manage and report to overseeing entities.

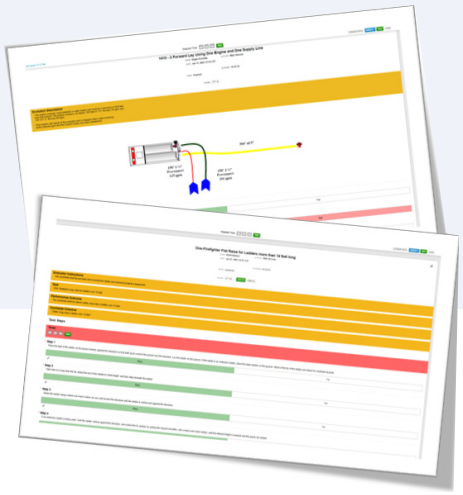
LIVE SKILL EVALUATIONS

Vector Evaluations+™

Accelerate Skill Mastery with a Live Skill Evaluations App

Leave paper and clipboards behind and use a mobile app that allows fire and EMS agencies to record and assess live skill demonstrations from anywhere.





Digital Task Books

Get rid of shuffling around paper, heavy binders, and waiting for sign offs with e-Signatures and digital task books.

Anytime, Anywhere Access

Get instant access to forms, training documentation, and reports from any web-enabled mobile device or desktop.

Enhance Evaluations and Document Evidence of Training with Photos and Video

Capture photos and videos for review with trainees or to share with agency leadership.

Gain Insight with Comprehensive Reporting

Track progress and monitor performance trends with at-a-glance color-scale rating and pass/fail reports. Easily batch export data for even deeper insights.

Customize to Suit Your Agency

Leverage Vector's form library or build custom evaluations with various question types, rating scales, and pass/fail conditions. Incorporate other items relevant to your specific agency, like training and travel request forms.

ACADEMIES AND CERTIFYING BODIES

The Only Software Purpose-Built for Fire Academies and Certifying Authorities

Save administrative time, centralize documentation, and boost accountability with a centralized system designed with the fire service in mind.

ACADIS®

Fire Academies

Powerful Automation

- Class Scheduling
- Facilities
- Equipment
- Instructors
- Student Registration

Student and Instructor Portal

- Training records
- Events
- Class details
- Waitlists

Housing Made Easy

- Track specific needs
- Assign students easily and efficiently

Online Training

- Enhance hands-on learning
- Discussion threads & assignments
- Maximize in-person training
- Reduce training expenses

Online Testing

- Automate grading
- Refine reporting and analysis
- Custom surveys
- Lockdown browser technology

Security

- FedRAMP
- FISMA
- CJIS

"We got rid of our inefficient methods and have streamlined our processes and procedures with Acadis. Having access to real data is big for the future of the Academy."

– Director of Training, Connecticut Fire Academy

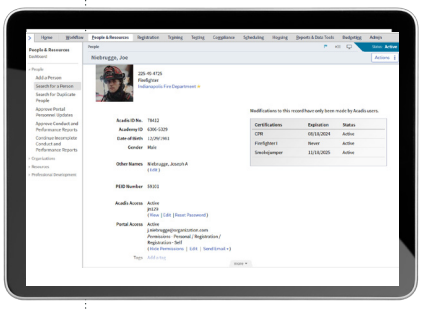
Fire Certifying Bodies

1. **Easily Access Records**
Quickly access comprehensive hire-to-retire records and provide accurate, real-time data in minutes.

2. **Integrate with the Academy**
Integration with Vector's software for Fire Academies centralizes all relevant documentation in one system.

3. **Self-serve Portal**
A secure, self-serve portal that allows firefighters, instructors, and local departments to access records and easily comply with reporting mandates.

4. **Legally Defensible Documentation**
Manage investigations, disciplinary claims, training, and compliance records in a single system.

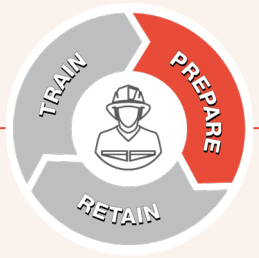


SECURITY

FedRAMP

FISMA

CJIS



ROSTER & SHIFT SCHEDULING

Simplify Scheduling and Leave Bulletin Boards Behind

Save valuable administrative time by managing complex staffing needs with flexible scheduling tools and intelligent automation. Agency-defined limits and buffers ensure compliance with union, labor, or other regulatory mandates.

Vector Scheduling™

Fill Open Shifts Quickly

With rules-based automation, agencies can expedite callbacks, fill open shifts, and deploy strike teams quickly and effectively. Mass calls, texts, or push notifications can be sent to a specific team or agency-wide in seconds.

Intuitive Drag-and-Drop Functionality

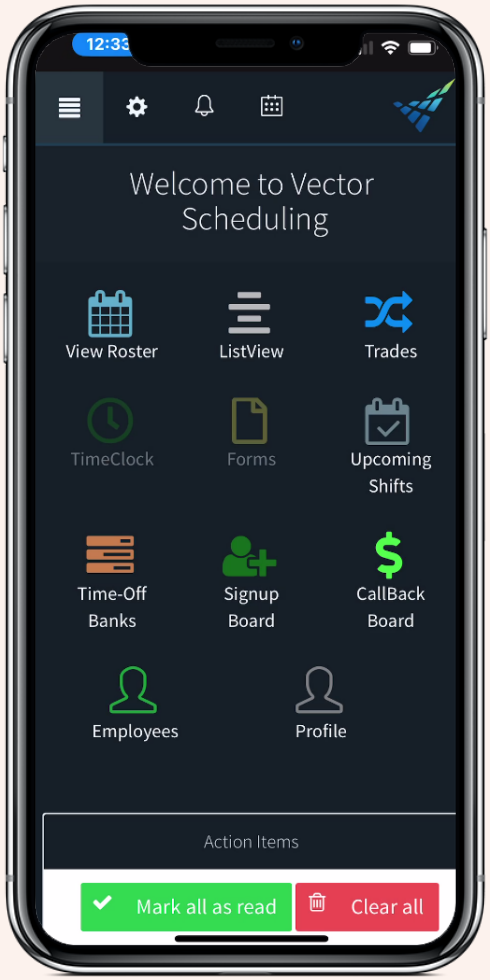
Modify schedules on the fly and from anywhere with an easy-to-use, customizable dashboard.

24/7 Access Via Native Mobile App

Members can review scheduling information, request time off, and respond to callbacks all via mobile app. Admins can notify members with just a few clicks via text, call, email, or in-app.

Time and Attendance Reports

Generate exportable reports aligned with your payroll system to ensure pay accuracy and gain insights into staffing trends, overtime data, accrued time off, and to justify new position requests.

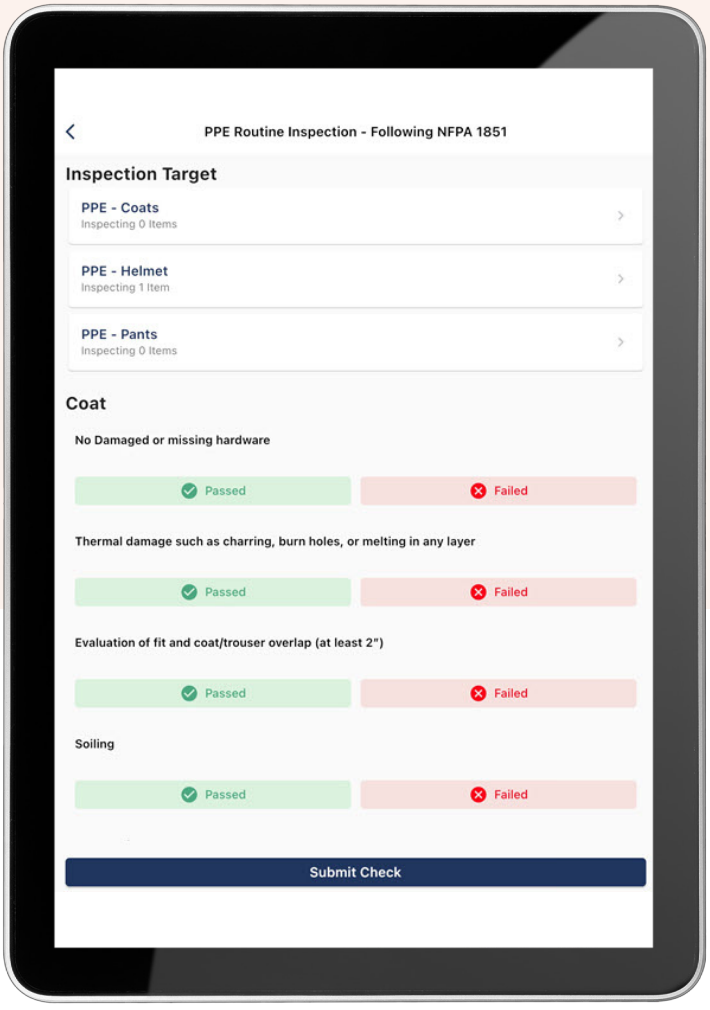


INSPECTIONS AND ASSET MANAGEMENT

Modernize Inspection and Asset Management Procedures

Reduce liability and keep members safe with a solution that simplifies inspections and management of apparatus, trucks, PPE, SCBA, hydrants, and more.

Vector Check It™



Eliminate Paper Forms

Digitally document apparatus and equipment inspections via mobile app or browser.

Easily Monitor Maintenance and Repairs

Get real-time status updates regarding work orders and repairs with a built-in maintenance ticketing system.

Truck Checks & Equipment Inspections

Take advantage of a library of pre-built truck check and equipment inspection forms or build custom forms to match already established procedures.

Cradle-to-Grave PPE Tracking

Meet NFPA codes and standards for documenting the complete history of every piece of PPE from acquisition to decommission.

Controlled Substance Tracking

Track and manage controlled substances from procurement to administration or disposal.

Boost Accountability and Compliance

Built-in verification features like eSignatures and biometric security options, ensure inspections are completed on time and to completion.

Track Trends Over Time

Dashboards and reporting functionality allow agencies to track trends and spending over time, as well as justify new expenditure requests.

Set Up Regular Inspections

Schedule inspections at the required intervals and set up automatic reminders and alerts to ensure they are completed on time.

Dedicated Equipment Pool

Isolate PPE with a dedicated equipment pool and filter for specific items or equipment types.

Maintain Required Documentation

Utilize a detailed history log to track cleaning and repair details, as well as document retirement, disposal, and every other event relevant to PPE. Easily maintain these records digitally to adhere to records retention schedules.

Stay in Compliance

Dual eSignatures, PINs, and biometric security options mitigate risk and liability.

Notification of Expiration

Log expiration dates into the system and receive notifications when they approach.

Stay Audit Ready

Document all records pertaining to controlled substances, maintain audit trails, and stay compliant with state and federal regulations.

Track Exact Locations

Get live views of back stocks of controlled substances as well as what is available in each drug box on each apparatus. Easily determine which units are affected by drug recalls and where they are located.

"[With Vector Check It,] we definitely have more control and ability to tell what has or hasn't been documented. If there's a medication missing, we can go back and track what happened. Was it administered, was it lost, do we need to investigate further?"

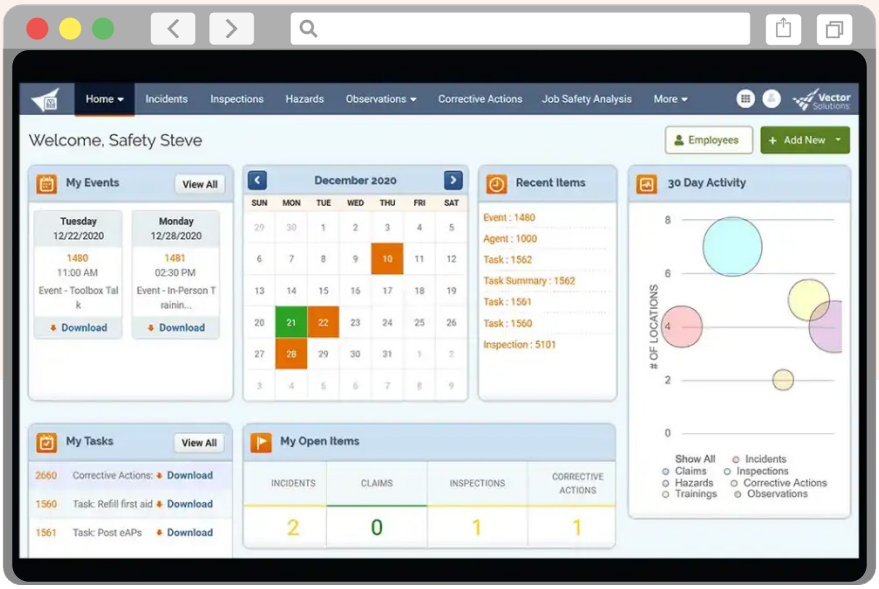
— Management Assistant, Tempe Fire Medical Rescue Department

EHS DATA MANAGEMENT

Vector EHS Management

Connect Fragmented Systems and Eliminate Manual Processes

Streamline incident management processes, bolster compliance, simplify data reporting, and address safety issues all in one system.



Speed Along Data Collection

Use smart forms, automated reports, and alerts to speed along completion and analysis of safety forms.

Simplify Compliance

Make it easy for your members to track, manage, and comply with environmental, health, and safety regulations.

Prevent Future Incidents

Identify incident trends and take proactive measures to prevent similar accidents from happening in the future.

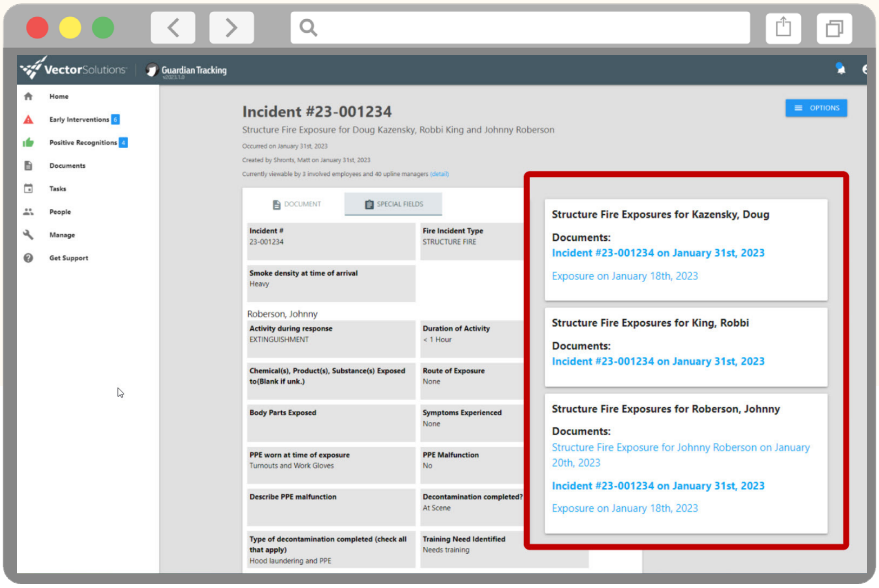
"When we run reports, we can identify a certain shift at a certain station. We used it to identify incidents that happened while en route. Non-emergency, emergency, fire or EMS emergencies, as well as the root cause … Our fire chief thought the world of it."

— Former Deputy Fire Chief, Alexandria Fire Department

CRITICAL INCIDENT & EXPOSURE TRACKING

Support the Health and Wellness of Your Crew

GuardianTracking



Track Exposures

Track exposures to carcinogens, bloodborne pathogens, and other health risks, in addition to critical incidents and other significant events. Identify members in need of additional screenings due to increased exposures.

Support Behavioral Health and Peer Support Programs

Get the right people involved at the right time to ensure members receive the support they need after traumatic events. Make note of and set up reminders for important follow-up actions.

Securely Maintain Records for Workers' Compensation Claims

Ensure your members have documentation of all on-the-job exposures, physical and mental, when applying for Workers' Compensation benefits.

Attract and retain members with consistent feedback and positive recognition.

Boost Morale

Strengthen and unify crews by formalizing processes for coaching and counseling.

Gain Insight

Incorporate objective conduct data into performance reviews.

Keep Feedback Consistent

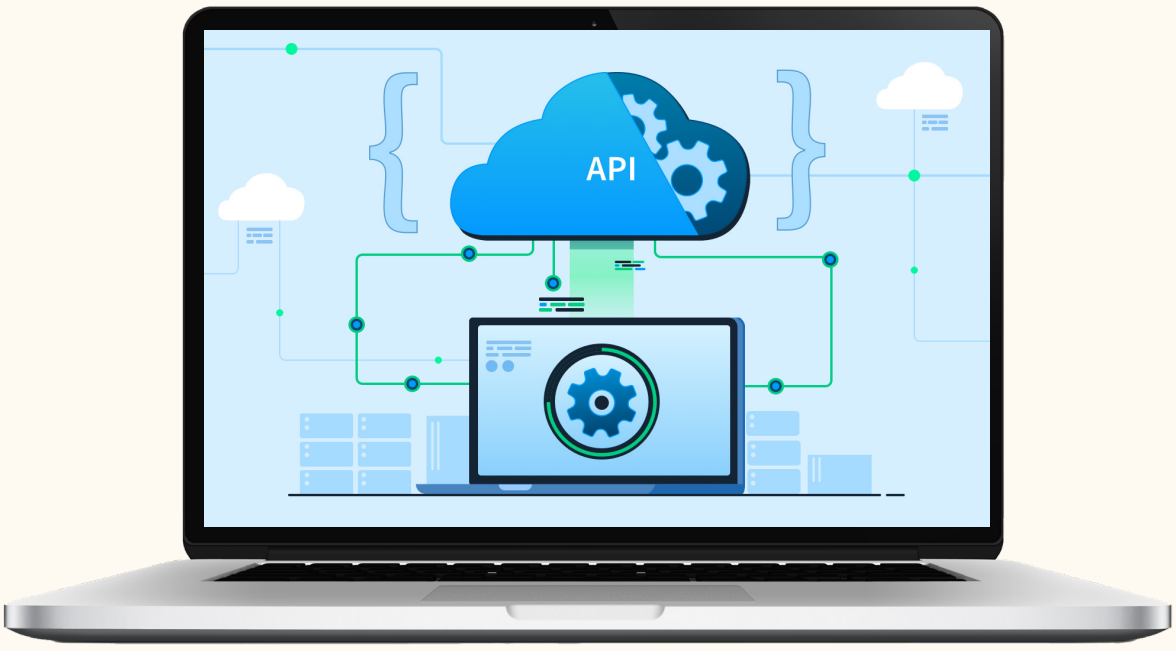
Transparent and consistent documentation for all conduct, both positive and negative, ensures all members feel their actions are considered fairly.

THIRD-PARTY CONNECTIONS

Integrate Vector software with Third-Party Software or In-house Solutions

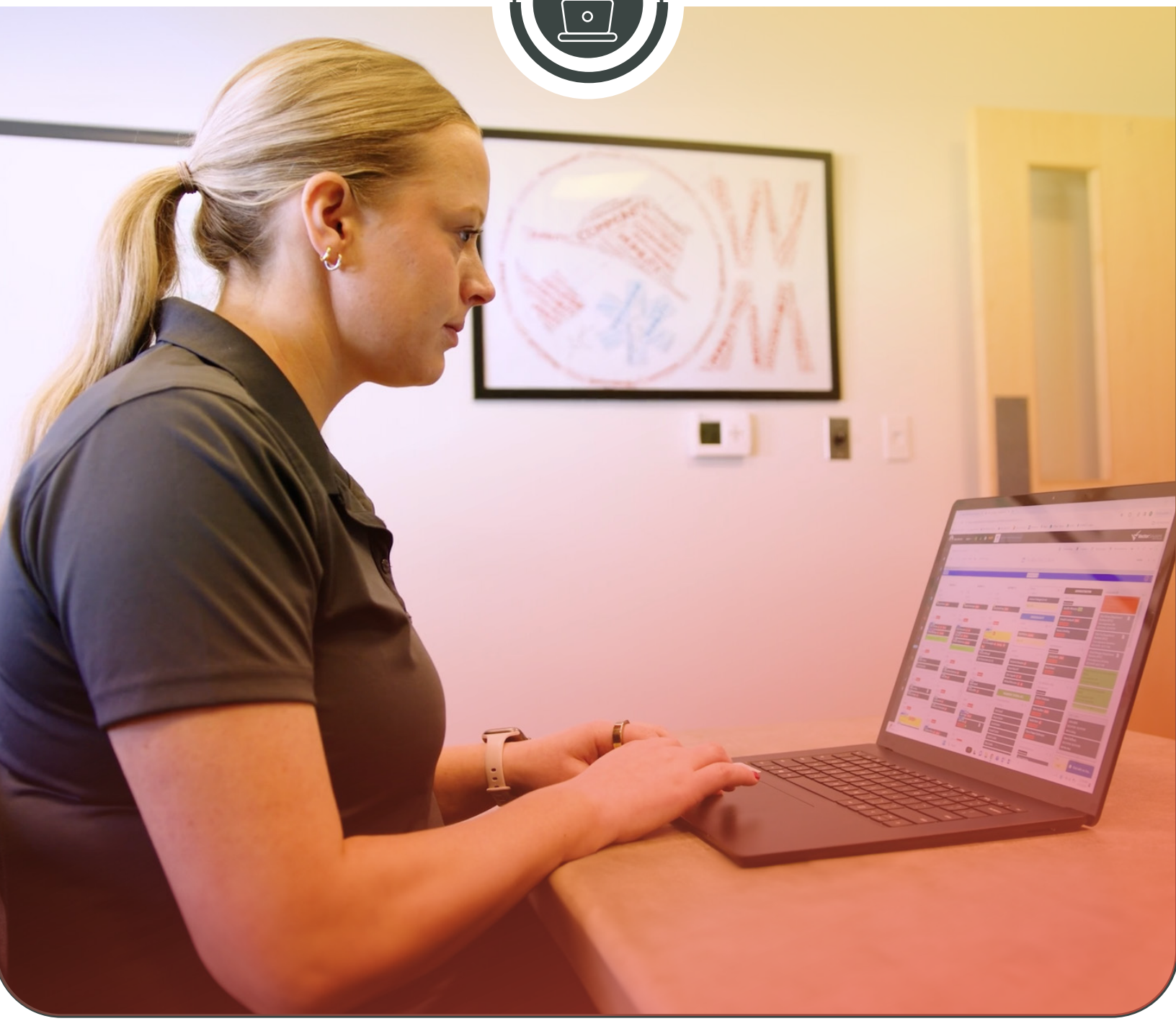
Vector Solutions products can integrate and communicate with a variety of software solutions available to fire and EMS departments.

For product-specific application programming interface (API) and integration information, contact your account representative.



CONTACT US TODAY

Learn more about how Vector Solutions can support operational readiness at your agency.



VectorSolutions™