Elementary. The Next Step in Emergency Response.

FLASHGROUP
Training of Emergency Services

Darley®
firesalesteam@darley.com

FLASHGROUP
Training of Emergency Services

Darley

Introduction 2

Key Features 2

Who is it for? 3

Training Environments 3

Training Modules 4

- Extinguisher Trainer 4
- ER Courses 4
- CPR & AED 4

Extinguisher Trainer 5

- Types of fires and extinguishers 5

ER Courses 6

- Fire Suppression Course 6
- Evacuation Course 6
- First Aid Course 6
- Aggression Course 6

CPR & AED 7

- Learn how to save lives 7

Why is it unique? 8

Skills Developed 8

Why do you need it? 8

What's in it for you? 9

FLASHGROUP
Training of Emergency Services

Darley

Train Smart.
Act Confidently.

Introducing Flashgroup Elementary

Elementary is a guided, multi-level VR training platform designed with experts and based on real-world emergency response scenarios. It allows users to progressively build critical Emergency Response (ER) skills through structured, interactive, and context-specific training. The platform focuses on developing fire safety, first aid, and emergency response competences using standalone VR technology.

Elementary in a nutshell
Key Features

- **Platform**
  Standalone Training Case
- **Lesson Library**
  Organized by training type (firefighting, evacuation, first aid, and aggression training) and environment (office, nursing home, warehouse, and many more)
- **AAA Training Model**
  Analyze: Learn scenario basics (e.g., fire types, hazard recognition)
  Act: Hands-on practice with procedures (e.g., extinguisher use, CPR)
  Adapt: Apply knowledge in real-time assessment-driven scenarios
- **Multilingual Support**
  Content available in English with future expansion options
- **Realistic Training**
  Pre-calculated smoke and fire effects ensure high realism without compromising VR performance
- **Interactive Feedback**
  Real-time guidance through visuals, text, and audio

FLASHGROUP
Training of Emergency Services

Darley

Who is it for?

Elementary is a flexible standalone product suitable for various industries, including:

Fire & Rescue Services

Health & Emergency Medical Professionals

Corporate Safety Teams

Educational Institutions

Training Environments

Customization options allow tailored training for specific industries.

Environments

Choose your training ground

- Office
- Neutral Training Ground
- Warehouse
- Nursing Home
- Industrial Kitchen
- Residential House
- Hospital
- Gas Station (Outside)
- Gas Station (Inside, Convenience Store)
- Airport
- Metro
- COMING SOON School
- COMING SOON Solar Park

...and many more to come

FLASHGROUP
Training of Emergency Services

Darley

Training Modules

Elementary provides three primary training options.

Module
Extinguisher Trainer

Training focuses on equipping individuals with the knowledge and skills needed to effectively use fire extinguishers in different scenarios. The key aspects of this training include understanding the types of fires, selecting the appropriate extinguisher, and mastering techniques for using extinguishers safely and efficiently.

Module
ER Courses

Comprehensive fire, evacuation, first aid, and aggression training, covering:

Fire Safety & Suppression
Identifying fire types and using appropriate extinguishing techniques.

Emergency Medical Response
Performing CPR, AED use, and handling medical emergencies.

Scenario-Based Learning
Adapting to real-life emergencies with time-sensitive decision-making.

Module
CPR & AED

In this module, you will learn step-by-step how to respond in an emergency effectively. Discover how to perform CPR correctly, use an AED, and quickly and efficiently call for help. Through hands-on scenarios, you will gain the knowledge and skills needed to make a difference in a critical situation.

Module

Extinguisher Trainer

Training focuses on equipping individuals with the knowledge and skills needed to effectively use fire extinguishers in different scenarios. The key aspects of this training include understanding the types of fires, selecting the appropriate extinguisher, and mastering techniques for using extinguishers safely and efficiently.

Types of fires and extinguishers

Participants learn about the different classes of fires.

Fire Class	Water	CO2	Powder	Foam	Wetchem	Drychem	PKP
A Wood, Paper, and Plastic	✓	✗	✗	✓	✗	✓	✗
B Flammable Liquids and Gases	✗	✓	✗	✗	✗	✓	✓
C Electrically Energized Equipment	✗	✓	✗	✗	✗	✓	✓
D Combustible Metal	✗	✗	✓	✗	✗	✗	✗
K Cooking Oils and Fats	✗	✗	✗	✗	✓	✗	✗

Each class requires a specific type of extinguisher, and understanding these distinctions is crucial for effective fire suppression.

Additionally, an optional add-on to the Elementary kit includes a traditional fire extinguisher attached to virtual reality (VR) controllers. This allows the extinguisher to be tracked and used within a virtual environment, providing a realistic and immersive training experience. This technology enhances the training process by offering real-time feedback and a hands-on approach.

Module
ER Courses

Fire Suppression Course

This course covers essential knowledge about different types of fires, including those caused by solids, liquids, and electrically energized equipment. Participants will learn how to correctly select and use various extinguishing agents, including different types of fire extinguishers and fire hose reels. The course also teaches important fire procedures, such as how to safely handle hot doors and the proper technique for opening doors in fire-related situations.

Lesson 1.1: Fire Types and Extinguishing Agents

Lesson 1.2: Controlling Small Fires

COMING SOON Lesson 1.3: Hot Door Procedures

COMING SOON Evacuation Course

This course teaches participants evacuation protocols and recognizing smoke behavior, helping them to handle the situation safely. It also covers effective evacuation procedures, ensuring that participants know how to respond quickly and safely in an emergency.

Lesson 2.1: Escape Routes

Lesson 2.2: Recognizing Smoke Behavior

Lesson 2.3: Fire Doors and Emergency Exits

Lesson 2.4: Building Sweep

COMING SOON First Aid Course

This course teaches participants how to quickly recognize and respond effectively to medical emergencies, ensuring that they can provide immediate and appropriate care. It also covers the correct response to someone who is choking and how to position victims safely to support emergency services upon arrival.

Lesson 3.1: Stop the Bleed

Lesson 3.2: Choking

Lesson 3.3: Recovery Position

COMING SOON Aggression Course (DialogueTrainer)

This course teaches participants to handle challenging situations with confidence, using AI-powered conversation simulations to help practice managing aggression. They learn to stay calm under pressure and resolve conflicts effectively.

Module

CPR & AED

Learn how to save lives

In this module, you will learn step-by-step how to respond in an emergency effectively. Discover how to perform CPR correctly, use an AED, and quickly and efficiently call for help. Through hands-on scenarios, you will gain the knowledge and skills needed to make a difference in a critical situation.

- Cardiopulmonary resuscitation (CPR) according to the guidelines
- Use of an Automated External Defibrillator (AED)
- Communication with emergency services
- Engaging bystanders for assistance
- Dismissing bystanders when necessary
- Cutting open clothing when required
- Airway control and breathing checks
- Shaking and checking the victim for responsiveness

The advantages
Why is it unique?

- **Immersive VR Simulations**
  Realistic incidents and behaviors that resemble the real world
- **Extinguisher Hardware Integration (Add-On)**
  Provides the support of a real fire extinguisher or a manikin for a more hands-on training experience
- **Consequence-Driven Learning**
  Users experience direct feedback for their actions, reinforcing decision-making skills

Skills Developed

Fire Safety & Suppression
Proper use of extinguishers and fire response under stress.

Evacuation Procedures
Escape routes, smoke behavior, fire doors, and emergency exits.

First Aid & Emergency Response
CPR, AED use, and casualty handling.

Aggression Handling
Defusing situations and managing aggressive behavior.

Situational Awareness & Decision-Making
Risk assessment and crisis management.

Stress Management & Adaptability
Performing under high-pressure scenarios.

Why do you need it?

Accessible
No external hardware required, making it flexible and portable.

Effective
Co-created with industry experts, ensuring accuracy and practical skill-building.

Engaging
Interactive and immersive, increasing training retention rates.

Scalable
Expandable training modules for continuous improvement.

Customizable
Can be tailored to industry-specific needs.

A solution for everyone

What's in it for you?

- **For Training Managers**
  Cost-effective, scalable, and easy-to-deploy training solution
- **For Organizations**
  Enhanced emergency preparedness
  and compliance with safety regulations
- **For Users**
  Hands-on, repeatable, and engaging learning experiences
  that translate into real-world competence

Elementary. An innovative approach.

Elementary offers an innovative approach to emergency training, combining the latest VR advancements with expert-driven instructional design to ensure impact and skill retention.

FLASHGROUP
Training of Emergency Services

Darley

Exclusive products

Get the **equipment** you need.

Visit shop

Welcome to Darley's comprehensive firefighting, rescue, and emergency response equipment collection. Featuring a wide range of products designed to meet the diverse needs of first responders and emergency personnel.

Author Flashgroup XR, Darley
Date May 2025
Edition First edition, 1.2

Email firesalesteam@darley.com
Phone 630-735-3500
Website shop.darley.com/SimT

Supported by

FLASHGROUP
Training of Emergency Services

DialogueTrainer
dialoguetrainer.nl

VR LAB
vr-lab.nl