

RISK REDUCTION IN EMERGENCY RESPONSE

How Emergency Vehicle Warning Lights and Sirens Reduce the Risk of Accidents

When every second counts, first responders face significant risks—to their own safety and to the public's. Emergency vehicle warning lights and sirens deliver clear, visual, and audible warning signals that help drivers and pedestrians detect, recognize, and respond.

It is all about safety in the moment—reducing accidents and making emergency responses safer.

WHAT ARE THE RISKS?

Risks to first responders and the public during an emergency response include:






Physical Risks
Risks of injury or death due to vehicle accidents or delayed response

Financial Implications
Increased property damage when emergency vehicles are delayed, increased insurance premiums, and downtime for out-of-service emergency vehicles.

Legal Exposure
Potential for lawsuits and liability for municipalities and departments.

4 ELEMENTS OF RISK REDUCTION

An understanding of the factors associated with an effective vehicular emergency warning system can minimize risks.

Awareness of Human Factors

Humans process signals in three phases: detection, recognition, and response.

Proper Installation, Operation, and Maintenance

Ensuring the right system is installed, operated, and maintained for optimal safety.

Suitably Engineered Equipment

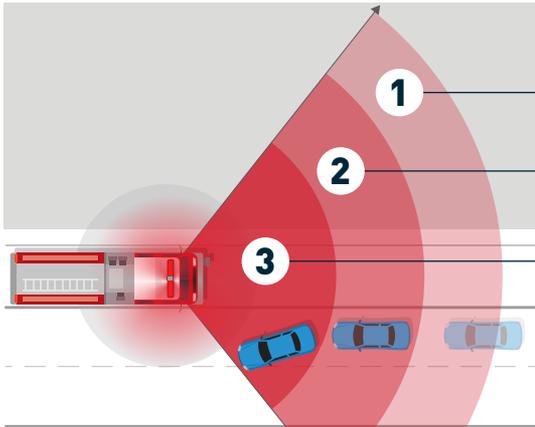
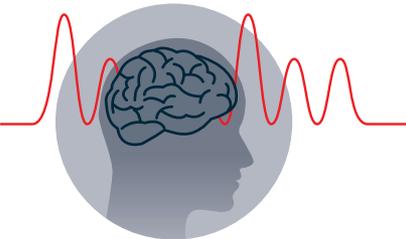
Choose and specify the products and technologies designed and best suited for your vehicle's specific vocation or application.

Knowledge of Industry Standards

Become familiar with the organizations that have established minimum performance standards for emergency warning devices.



HUMANS PROCESS SIGNALS IN THREE PHASES



- **Detection:**
The driver's initial awareness of a signal

- **Recognition:**
The driver determines what the signal is and what it means.

- **Response:**
The driver modifies behavior.

Safety in this moment.
That's Federal Signal Strength.

Contact your Federal Signal Sales Representative today to learn how our solutions help your fleet reduce risk and save lives.

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