

Scenario Building Tool - Introduction

- Why use it?
 - enable the creation of training & operational preparedness scenarios, allowing addressing several “what-if” questions,
 - enable trainers to define precisely all the successive steps of a preparedness scenario
 - allow trainers to visualize the geographic area of the training sessions

Scenario Building Tool - Features

- Map based user-friendly interface
- Role based support
- Store scenarios (library)
- Training session evaluation

The screenshot displays the 'Scenario Execution in progress' interface. On the left, a vertical timeline shows five events:

- #1 TIME-BETWEEN-EVENTS
- #2 This refers to a crash between two heavy vehicles, on of them is a tank truck
—Police,Medical Assistants
—Italy
⌚ 00:00:02
- #3 TIME-BETWEEN-EVENTS
- #4 A policeman identifies that the one crashed vehicle contains hazmat, identifies the mazmat and quantity
—Police,Fire Brigade,Municipal
—Italy
⌚ 00:00:02
- #5 TIME-BETWEEN-EVENTS
- #6 Hazmat quantity and leakage identification
—Fire Brigade
—Italy
⌚ 00:00:02

On the right, a map shows a street scene with several icons: a fire truck, a police car, and a tank truck. The map includes street names like 'Viale Martini', 'Via Goffredo Mameli', and 'Via Loreto'. The interface also features a control panel with buttons for 'Inject Event' and 'Terminate', and a status box showing 'Started Nov 27, 2018 4:54:55 PM', 'Scenario Hazmat release from tank and evacuation in Spoleto - 01', 'Trainer', and 'Trainees Todd Jason'.

Scenario Building Tool - Functionalities

- Create / Modify Emergency Management Scenarios
- Ingest external data sources
- Execute scenarios
- Disseminate scenario script to external visualization & training systems

The screenshot displays the 'Edit Scenario' interface. At the top, there are 'Back' and 'Edit' buttons. Below this is the 'Incidents' section, which includes a 'Show Created Incidents' toggle and an '+ Add an Incident' button. A table lists two incidents:

Name	Color	Scenario	Actions
A crash between two heavy vehicles	Red	Hazmat release from tank and evacuation in Spoleto - 01	Edit Delete
Hazmat leakage Testing	Blue	Hazmat release from tank and evacuation in Spoleto - 01	Edit Delete

Below the incidents is the 'Scenario Items' section, featuring 'Show Scenario Items' toggle and '+ Add Event', '+ Add Time Between Events', and '+ Add Data Source' buttons. A table lists eight scenario items:

Index	Type	Description	Incident	Actions
1	Time between events	00:00:02		Edit Delete
2	Event	This refers to a crash between two heavy vehicles, one of them is a tank truck	Red A crash between two heavy vehicles	Edit Delete
3	Time between events	00:05:00		Edit Delete
4	Event	A policeman identifies that the one crashed vehicle contains hazmat, identifies the hazmat and quantity	Red A crash between two heavy vehicles	Edit Delete
5	Time between events	00:05:00		Edit Delete
6	Event	Hazmat quantity and leakage identification	Red A crash between two heavy vehicles	Edit Delete
7	Time between events	00:05:00		Edit Delete
8	Data source	GAS_DISPERSION	Red A crash between two heavy vehicles	Edit Delete

Scenario Building Tool - Visualization

- Visualize the scenario script to external visualization (trainee) & training systems (C2)

