

SYNERGY is a simulation that enables tactical and strategic highlevel decision makers from public and private organizations to efficiently prepare emergency management scenarios, rehearse procedures and validate emergency plans. The situations simulated in SYNERGY are highly realistic, immersing the crisis-cell members in an extremely diverse range of scenarios.

**SYNERGY, the highlevel decision support system designed to help public and private organizations train their senior staff and officials to react to emergencies, crisis and disasters**

## Advanced simulation

- **High level of realism:** SYNERGY realistically represents complex multi-crisis and multi-agency scenarios, showing the interaction between disasters, human threats and contingency plans, and their respective effects on the environment, infrastructures, population and actors involved in the scenario.
- **A flexible tool:** SYNERGY use cases include training for high-level crisis management, contingency plans analysis and validation, decision-making support, support for large-scale live exercises. SYNERGY is interoperable with other operating and simulation systems used by emergency response organizations.
- **Automated units:** thanks to Artificial Intelligence, crisis scenario units are easily controlled by sending operational orders modeled on real ones. Order execution is carried out according with the agency doctrine and automatically adapted to the environmental conditions. Units regularly send reports to inform operators about mission progress.

## Flexible and complete

- **Complete software suite:** SYNERGY includes a simulation server, a gaming client, a timeline, tools for scenario creation, terrain generation, post-action analysis, unit adaptation, physical and decision-making models, and a web-based interface to manage distributed exercises.
- **Extensive out-of-the-box content:** SYNERGY is delivered with a large number of predefined units including the emergency services (police, fire & rescue, ambulance...), transportation, logistics, communication centers, hospitals, government agencies, NGOs, refugees and military units, but also with threats such as natural, man-made, chemical, petrochemical, nuclear and biological disasters.
- **Adaptable:** SYNERGY content can be easily extended and customized to effectively represent the specifics of each agency intervening in the scenario: vehicles, personnel, equipment, materials, doctrine, procedures and behaviors can be adapted to every need.

## Cost-effective

- **Easy to deploy & lightweight :** a SYNERGY server can be installed in less than 15 minutes, allowing its users to focus on actual training rather than wasting time with unnecessary software complexity. A powerful web-based administration tool allows remote trainees to easily download the required software and scenarios. SYNERGY can also run on a standard laptop.
- **Intuitive:** with its modern and intuitive GUI, players can become proficient with SYNERGY in a matter of hours.
- **COTS product philosophy:** SYNERGY is updated multiple times a year, following a roadmap based on customer feedbacks, and is compliant with high software quality standards.