

# E.N.S.O.S.P (National Academy for Fire Service Officers)

Vitrolles, France



*High-Rise*



*Single Family House*



*Urban Apartment House*

## **Structural FIRETRAINER® T-2000 & Modular Flashover FIRETRAINER® MD-500**

The National Academy for Fire, Rescue and Civil Protection Officers (ENSOSP) in France offers unique settings to train volunteer and professional firefighters for many different fire and rescue scenarios. As part of the “European Fire Services Colleges Association” the National Fire Academy has to educate as per the Training Policy Group (TPG) standards for the European disaster management.

Thus the academy offers 3 different types of training buildings (high-rise, family house & apartment house) equipped with 15 fire places in total, a modular Flashover Trainer and further facilities realistically simulating various fire and emergency scenarios.

One of the most remarkable aspects about this project is, that only two of the three burn houses are fueled by Propane, the apartment house in contrast is fueled by Natural gas.

**Delivered:** June 2008

**Fueled by:** Natural gas, Propane

## Features:

- Burn buildings fueled by Natural Gas (1x) and Propane (2x).
- 15 individual fires, including:
  - Bed (3x)
  - Sofa (3x)
  - Kitchen
  - Heater (2x)
  - Extractor hood
  - Flashover
  - Vehicle
  - Shelf
  - Stairwell
  - Car
- 40' Flashover container, Propane fueled.
- Fire station for intervention training; control tower to manage entire site; 10 workshops for group leader training; teaching facilities and systems for operational technique training.
- SCBA training course, 2 stories
- Urban area with several buildings and road access for city type emergency simulation.
- 400 m of highway for accident and rescue training.
- 11000 m<sup>3</sup> basin with 4 x 100 m<sup>3</sup>/h pumps for water supply and reuse
- 35 fire vehicles and facilities to recreate up to 4 fire stations operating simultaneously



Control Room



Control Room



Kidde Fire Trainers T-2000 Software



Screen Capture of One Burn Room





*Car Fire (Back)*



*Car Fire (Front)*



*Boiler Fire*



*"Multi Prop" Sofa Fire*



*Flashover*



*Single Stove Fire*



*Double Stove Fire*



*Exhaust Hood Fire (About to Start)*



*"Multi Prop" Bed Fire*



*Flashover Container (External View)*



*Starting Flashover*



*Full Flashover*