

teletrix

# VIRTUAL PLUMES AND SIMULATORS

## EP DRILL SOLUTION

r a d i a t i o n   t r a i n i n g   s i m u l a t o r s

Emergency Preparedness drills come to life for field teams. Efficiently develop scenarios for site drills and put the realism of working meters in the hands of the field teams all under computer control.



## EP Drills Will Never Be The Same

Virtual Plumes (formerly Plume Tracker) is a ground breaking computer program used to enhance the ability to develop scenarios for Emergency Preparedness drills and then play those scenarios out in real time with field teams that will be using Teletrix simulated meters to read radiation exposure rates. Gone are the days of a controller telling field team members what they are reading as they work in a totally simulated environment with no coaching, verbal or written prompts under the automated control of a computer. Virtual Plumes uses plant release data and calculates a variety of field data based on a location relative to a plume release point and meteorological data during emergency drills. Scenarios that took hours to create and analyze can be created and made ready to run in a matter of minutes allowing the creator to expeditiously run numerous "what-ifs". Field teams benefit from the ability to function in a real world environment that mimics an actual emergency.

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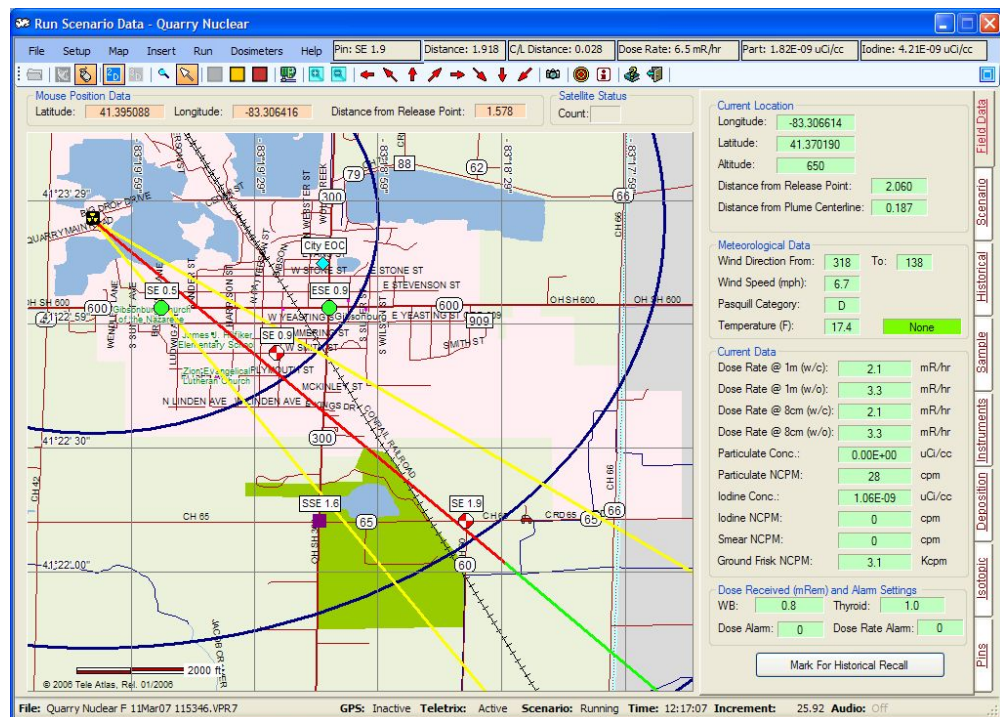
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# VIRTUAL PLUMES AND TELETRIX SIMULATORS

A dimension of realism never before experienced in ER drills. Generate a visual plume model on your laptop that varies with time as you have directed it to. Take the laptop in your emergency vehicle and let it find itself using GPS during the exercise then watch your simulated meters actually operate, yielding radiation readings and forcing reactions from your team as they traverse in and out of the plume seeking to identify its centerline and extents.

The team trains in the same way they would be expected to work in a real emergency. Run multiple teams simultaneously using the same model. Run a graphical history of the drill in accelerated time with operating Teletrix simulators during the drill hotwash.



Everything is simulated. The program also interfaces to Teletrix simulated dose rate meters, friskers and future simulated alarming dosimeters. All variables allow for maximum simulation. The field team relies on its instrumentation to make decisions, not on the controller's input...just like in a real emergency.

Virtual Plumes was developed by an industry expert. The program can be obtained free of charge, just contact us at [info@teletrix.com](mailto:info@teletrix.com).

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