

## Dow Chemical Canada Adopts SAFER Systems' Market Leading Chemical Emergency Response Solution

Dow implements real-time chemical emergency response technology with wireless sensor integration

(Fort Saskatchewan) Dow Chemical's, Western Canada Operations, the largest petrochemical manufacturing facility in Canada, has joined 500 SAFER Systems customers worldwide who have implemented market-leading Chemical Emergency Response Solutions. The addition of this new system puts Dow Fort Saskatchewan in a rapidly growing group of elite companies around the world who depend on SAFER Systems' technology as an integral part of their Environmental, Health and Safety (EHS) programs.

Once Dow recognized their need for a plume dispersion system, the site embarked on an extensive review process to identify a solution that would meet regulatory requirements and emergency response needs. They wanted a supplier with a history of success and a track record of reliability and continuous improvement with a solution that was already accepted and used by the chemical sector and key government agencies. SAFER Systems was what the Dow project team was looking for.

"SAFER Real-Time gives us a real-time dispersion scenario on our screens within seconds of an incident occurring." Ken Tsang, Fort Environment Health & Safety leader added, "Because we can closely estimate gas concentrations as the plume disperses, we can target emergency communications and response right where it's needed."

"Just watch what happens," said Don Watson, Dow Canada Emergency Services and Security. "You can see how the system models the plume's dispersion across the site. And, with a few keystrokes, the multi-colored cloud of gas stops in mid-air...or mid-pixel, in this case."

When asked about the project with Dow, Ernie Gilbert, SAFER Systems' Senior Vice President, Engineering, responded, "SAFER Systems is working closely with Dow Chemical to further develop innovative and advanced site solutions, with the integration of wireless and pre-existing fixed sensor technology to provide 'true real-time' chemical emergency management capability."

SAFER Real-Time can be triggered by strategically positioned field detectors across the site. It uses pre-programmed "most-likely" release scenarios and operators can create unique exercise scenarios for training purposes. The software uses algorithms to calculate release rates, source dynamics, dispersion, explosion overpressures and more.

For over twenty-five years, SAFER Systems has been the global leader in chemical emergency response solutions. SAFER Systems provides global 500 corporations, including Dow, DuPont, GE, Honeywell and government entities with emergency response management, consequence analysis and software engineering solutions. Please visit us at [www.safersystem.com](http://www.safersystem.com), call 1-800-621-7237 or 805-383-9711