



Current Initiatives

Fifth Annual DHS University Summit

*REGAL was fortunate to
take part in this year's*

*DHS Science and
Technology Directorate,
Office of University*

*Programs Fifth Annual
Summit held in*

*Washington DC. The
agenda featured*

*cutting-edge research
and development on*

*the topics of "Catastro-
phes and Complex*

*Systems", with a focus
on the role of*

*transportation systems
in preventing,*

mitigating, responding

*to, and recovering from
natural or man-made*

disasters.

(cont'd on page 3)

FEMA Announces New PLAN Initiative

On May 10, 2011, FEMA announced the launch of their new Personal Localized Alerting Network or PLAN with free service to be available by the end of 2011 starting in New York City. This is a public safety technology system that allows any customer with a PLAN enabled mobile device to receive a message similar to a text message; alerting them to threats or hazards in their area. New York's Mayor Michael Bloomberg, Federal Emergency Management Agency Administrator Craig Fugate, Federal Communications Commission Chairman Julius Genachowski, and executives from mobile carriers gathered at the World Trade Center site to announce PLAN.



FEMA's new PLAN initiative allows users with mobile devices to receive messages alerting them to threats or hazards in their area.

great example of that: it alerts people to dangers and delays via email and mobile devices, and it has become a national model of emergency communication," said New York City Mayor Michael Bloomberg. "But given the kinds of threats made against New York City at the World Trade Center, Times Square, and other places popular with visitors and tourists, we'll be even safer when authorities can broadcast warnings to everyone in a geographic area regardless of where they came from or bought their phone," Mayor Bloomberg continued. "I want to congratulate FCC Chairman Julius Genachowski and FEMA Administrator Craig Fugate for this quantum leap forward in using technology to help keep people safe."

As quoted from a news release on FEMA.gov, PLAN ensures that emergency alerts will not get stalled by user congestion, which can happen with standard mobile voice and texting services. Authorized government officials can send messages, which participating wireless providers then push using their cell towers to enabled mobile devices in a targeted geographic area. "In both the public and private sectors, I've always believed in the need to harness technology in new ways, including ways that its designers hadn't anticipated. The City's opt-in Notify NYC system is a

When PLAN is operational, customers in an area affected by an emergency who have a PLAN-capable mobile device will receive an alert of ninety characters or less. Consumers will receive three types of alerts from PLAN: (1) alerts issued by the President; (2) alerts involving imminent threats to safety of life; and (3) Amber Alerts. Participating carriers may allow subscribers to block all but Presidential alerts.

 [Click here for additional information on this article](#)

regal decision systems

Support & Exercises

Upcoming Conferences & Expos

This August, REGAL will participate in the Technologies for Critical Incident Preparedness (TCIP) Conference and Expo which will be held at the Gaylord National Hotel and Convention Center in National Harbor, MD. This 12th annual Conference and Expo will highlight Department of Defense, Department of Justice and Department of Homeland Security technologies, as well as research and development test and evaluation investments. Also, training tools currently available and being developed for the emergency responder community will be displayed. This event will also provide a forum for emergency and first responders to compare best practices and discuss lessons learned. With upwards of 1,000 attendees and 150 exhibits and demonstrations, this conference will also provide a unique opportunity for stakeholders to network, exchange ideas, and address common critical incident technology, preparedness, response and recovery needs, protocols, and solutions.

In November, REGAL will showcase the Evacuation Planning Tool alongside the Department of Homeland Security Science and Technology at the Interservice/Industry Training, Simulation and Education Conference (I/ITSEC) in Orlando. I/ITSEC is the largest Modeling, Simulation and Training

Conference in the world which included approximately 20,000 registrants last year. Initiated in 1966 as the Naval Training Device Center/Industry Conference, it has evolved and grown through increased participation by other entities and agencies. I/ITSEC has a sole purpose to bring together and promote cooperation between the Armed Services, Government Agencies, and Academic institutions all with the purpose of improving training and education programs as well as identification of training issues and the development of multiservice programs.

The I/ITSEC conference itself has grown exponentially and “now attracts well over 500 corporations, government and research organizations from the United States and from over 60 countries around the globe. Over one hundred research and scientific papers are presented and discussed, making I/ITSEC not only the world’s largest exhibition of modeling and simulation technology, but also the world’s most important annual focal point for advancement of these technologies.”

REGAL is excited to be taking part in these conferences and is committed to further development and research of technologies to be used by directors, stakeholders, emergency managers and first responders.



Seize the Power of Simulation Technology

Dedicated to Safety and Security

Fifth Annual DHS University Summit



REGAL evacuation analysis allowed stadium officials to redirect fans to lower levels where they could be accommodated.

“The move possibly saved lives.”

**- Danny DeLorenzi
Director of Security**

During this year’s Summit, REGAL President Joe Borkoski, Jr. participated in a panel titled Emergency Large-Scale Event Evacuation; Pilot Studies and presented a few visuals from the Evacuation Planning Tool (EPT) Stadium Analyses. Additional participants on the panel included Jeff Miller from the NFL, Daniel DeLorenzi from the New Meadowlands Stadium, Captain Rich Achenbach from the NJ State Police and Christopher Doyle from DHS’s Homeland Security Advanced Research Projects Agency (HSARPA) who moderated the panel.

Government Security News (GSN) posted an article regarding the panel and went on to emphasize how stadium owners and stadium security officers are looking to a new three dimensional modeling tool to plan, and in some cases – actually perform – evacuations of their facilities. Additional information included how the program was utilized at the New Meadowlands Stadium as well as Jeff Miller referring to how crowd modeling tools like the REGAL’s application would be valuable in planning new stadiums, like the new facility planned for Los Angeles, as well as existing venues.

GSN went on to quote DeLorenzi highlighting an example of how EPT had proven valuable at the Meadowlands stadium last November when an intense, dangerous lightning storm moved through the Northern New Jersey area during a Giants football game. DeLorenzi said he had previously used the EPT to model evacuation routes at the facility. He said the EPT model showed there wouldn’t be enough room for 8,000 fans to shelter under the concourse in such an event. As the lightning storm approached, DeLorenzi said the stadium meteorologist said the storm was moving quickly and there was only about 15 minutes to get fans to shelter undercover.

DeLorenzi said a previous viewing of the evacuation model allowed him anticipate the problem and pre-position ushers with bull horns to redirect fans to lower levels where they could be accommodated. The move possibly saved lives, said DeLorenzi.

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REGAL’s successful analysis of New Meadowlands Stadium was showcased at the DHS University Summit

people & profiles

REGAL at the Forefront

Expansion of Corporate Headquarters



As REGAL's services continue to increase, they are in the pre-planning stages of expanding their corporate headquarters to adjoin their White Marsh office located at 8015 Corporate Drive. The current BWI location would be relocated and centered in the White Marsh Business Community Park. This ideal site will provide not only a unique and central location for staff members but also an atmosphere for sustainable growth. Additionally, this strategic move would bring the entire organization with the exception of the Patuxent River location under one roof. REGAL's goal is to start construction within the next few weeks and have the project completed by mid-August.

Also In The Spotlight

REGAL is pleased to announce they have begun the application process for the Department of Homeland Security's SAFETY Act Designation for the Evacuation Planning Tool. The Support Anti-terrorism by Fostering Effective Technologies Act of 2002 (SAFETY Act) provides levels of liability protections to help promote the creation, deployment and use of anti-terrorism technologies. Additionally, technologies that receive Certification will also be placed on DHS's Approved Products List for Homeland Security. This important process is yet another step in the direction of growth and future applications with the EPT.

REGAL would also like to take this opportunity to recognize Jenish Joseph, Madrice Guy, and Will Reid. Jenish has recently completed the Wharton MBA Program and Madrice as well as Will have recently completed their Masters Degree Program. Congratulations to all!



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Seize the Power of Simulation Technology