



Current Initiatives

From Research to Reality

As REGAL continues to further develop tools and projects with various government agencies such as the Department of Homeland Security Science and Technology (DHS S&T), they are extremely close to beginning the commercialization process.

(Continued on page 3)

Taking Measures to Help Secure Sporting Events

As terrorists strive to upset economies and find new ways to cause destruction, the Department of Homeland Security has identified arenas and stadiums as possible targets for attacks.

Sport venues and multi-purpose facilities are not only used to hold sporting events, but also music concerts, graduation ceremonies, disaster, and evacuation shelters. Currently there are over 20,000 stadiums, arenas and open sport complexes in the United States, and as previously experienced, catastrophic events such as a hurricane can impact these complexes and their surrounding environments. If certain measures such as planning, training, and educating from past events are not incorporated properly, potential mass casualties and severe economic loss impact could worsen.

REGAL's continued partnership with the University of Southern Mississippi and the National Center for Spectator Sports Safety and Security (NCS4) has led to the development of several new and existing opportunities. One example of the partnership's program is a tool known as Sport E-Vac. This powerful tool is bringing multiple organizations together to provide the best and most sophisticated program in the industry. Generally speaking, Sport E-Vac is a valuable tool that combines overall first responder and security training with advanced technologies which includes REGAL's Evacuation Planning Tool.

As quoted from an ESPN article by Paula Lavigne, the solution to keeping terrorists toting bombs in their briefs out of a football stadium might be in Hattiesburg, Miss., a city whose Web site boasts its many accolades for being one of the best places to retire, and is, coincidentally, the on-again-off-again retirement residence of Brett Favre.

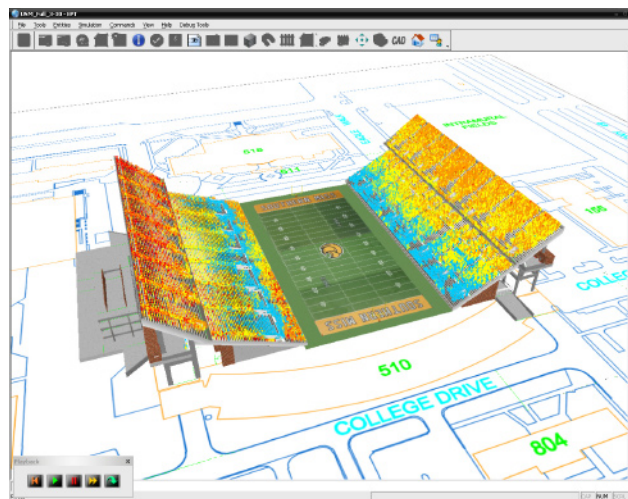
This southern town of 50,000 people is also the home of the University of Southern Mississippi, where some of the most cutting-edge research in sports stadium security is under way at the National Center for Spectator Sports Safety and Security. The center is

bringing together all the major professional sports leagues, including the NCAA and government security agencies for a first-ever sports security conference to be held in August in New Orleans.

The NCS4's director was quoted saying that technology really holds the key to stronger security. Better technology at the gates, better sensors away from the stadium, back in the tailgating area, back at the train station, bus station, parking lot, that's the future.

REGAL is excited to be a partner of this valuable program and is looking forward to assisting in securing America's Stadiums and helping create a safer environment for events such as the Super Bowl.

 [Click here to view the full article](#)



REGAL recently developed the University of Southern Mississippi's M. M. Roberts Stadium in their EPT software

regal decision systems

Support & Exercises

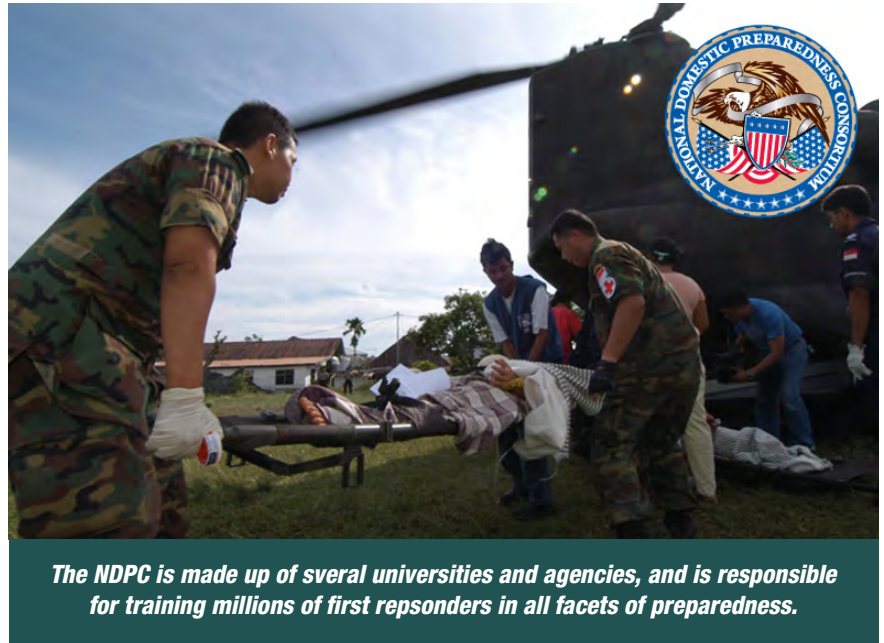
REGAL expanding it's partnerships & programs

As REGAL's EPT and Pre-EMPT's capabilities continue to grow exponentially, so do the implementation and training aspects. REGAL is proud to be working closely with the Technical Support Working Group (TSWG), the Department of Homeland Security Science & Technologies and FEMA. REGAL has also partnered with several universities including New Mexico Institute of Mining and Technology (New Mexico Tech), Louisiana State University's Academy of Counter-Terrorist Education (National Center for Biomedical Research and Training), Rutgers University's CCIDADA program, and Purdue University's VACCINE program.

New features are also being created under a TSWG sponsored task with the Emergency Management Division of Patuxent River Naval Base. One of these newer capabilities will include the availability to replicate the impact of thousands of people evacuating onto existing road networks. With the help of the universities and once fully developed, the Emergency Management Division and the local First Responder community will begin to train and plan for different emergency procedures on the upcoming 2011 Air Show at the National Exercise Simulation Center (NESC) located at FEMA.

To incorporate a full cycle of service, REGAL is in the process of forming an additional training program which will involve future implementation, facilitation of discussions, and valuable table top training sessions. As a valued partner and an important part of this training program, REGAL has teamed with New Mexico Tech and Louisiana State University which are a part of the National Domestic Preparedness Consortium (NDPC).

As a part of the consortium, they are responsible for training millions of first responders in all facets of preparedness.



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The NDPC is a professional alliance sponsored through the Department of Homeland Security/FEMA National Preparedness Directorate. The consortium is made up of a total of seven organizations and each has distinguished themselves nationally as experts in chemicals, explosives, radiological/nuclear devices, bioterrorism, counter-terrorism, agroterrorism, and emergency management systems. NDPC reflects the missions of all these organizations with its commitment to provide quality, cost-effective counter-terrorism training to the nation's emergency responders.

REGAL is also happy to announce that with the assistance of the Department of Homeland Security Science & Technologies, REGAL has partnered with Rutgers University and Purdue University. Rutgers and Purdue not only bring experience of their valued tools know as CCICADA and VACCINE, but they also have knowledge and sciences that provide powerful analytical tools for information sharing, collaboration, and decision support. This will provide a more powerful tool set, ultimately allowing for real time decision making capabilities.

REGAL is extremely excited and eager to finalize the formation of this training group, and is looking forward to creating a team which will involve backgrounds ranging from first responders to directors of institutions for National Preparedness, and directors of universities as well.

Seize the Power of Simulation Technology

Research, Transition, Commercialization

REGAL in the beginning phase of commercialization

Article by: Joseph Straw | February 2010

As REGAL continues to further develop tools and projects with various government agencies such as the Department of Homeland Security Science and Technology (DHS S&T), they are extremely close to beginning the commercialization process. Quoted from an article out of Security Management Magazine, Joseph Straw highlights the process from research, to transition, to commercialization.

REGAL's previous projects and knowledge has enabled their employees to perform countless hours of research which is the forefront of any project. Overall, research is pursued in an open-ended manner. "There have been many reports written by the National Academies saying that the worst thing you can do to bound science and limit discovery is to limit the direction," S&T Director of Research Starnes Walker explains.

"Many, many discoveries occur at the seams of disciplines of physics, math, chemistry, and many of those occur serendipitously where a principal investigator is really looking in this area because we want to know more, but they see something they don't understand, that takes them on a tangent, and that many times turns out to be where the key discovery is in science and technology," he notes.

Thus, S&T follows science and engineering research across academia and at the country's national laboratories

to watch for research that might hold promise for its customers. When it finds something it views as promising, it funds further research.

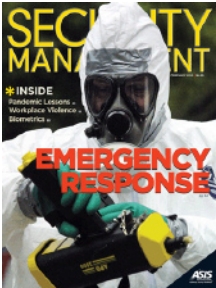
REGAL's current projects are in the transition phase which involves applying proven technologies in new ways to address problems brought to S&T's attention by end users. Transition ties up the largest single portion of S&T's budget, about \$450 million. That large investment reflects the relatively high prospects for success inherent in the technologies at play. S&T works directly with end users to spot capability gaps that DHS seeks to fill with new solutions incorporating proven technology.

REGAL's next step will be to commercialize their tools. "Commercialization was set up based on a simple premise: that the private sector would be willing and able to step up and assist us if we gave them two things, and neither of them is money," says S&T Chief Commercialization Officer Thomas Cellucci. "The first is detailed operational requirements that

articulate what our needs are; the second is a conservative estimate of the potential market."

The market's product needs are detailed in operational requirement documents (ORDs), which S&T publishes on its website.

Products approved by DHS as satisfying a ORDs, would receive the agency's System Efficiency through Commercialization, Utilization, Relevance, and Evaluation (SECURE) certification. REGAL is excited to be a part of this program and is looking forward to taking the first steps in the beginning stages their commercialization process.



Click to read the entire article from the February 2010 issue of Security Management magazine.



people & profiles

REGAL at the Forefront

REGAL opens new PAX River office



The newly opened Patuxent River office is located just from the PAX River Naval Base.

REGAL is proud to announce that they have moved their military support division office into a brand new building located in Patuxent River. Their new office will be located

at 23077 Three Notch Road, Suite 202 in California Maryland. This new office offers a dynamic layout and multiple possibilities for expansion.

REGAL's continued growth is due to their successful employees and management within our Pax River division. REGAL will continue to supply engineering, acquisition logistics management, and technical services to the NAVAIR program. They will also continue to focus on the development, acquisition, evaluation, certification and the life cycle support of their tasks. In 2006, REGAL began working with the U.S. Navy and Marine Corps and has remained fully committed to providing their customers with consistent, high-quality products and services across all of their Task Orders. Their new office is just an additional step in their commitment.

Also In The Spotlight

REGAL is happy to announce that they are moving a step further in the commercialization process of the Evacuation planning Tool (EPT). This Fall, REGAL will initiate the process of making the EPT DHS SAFETY Act approved. This important program supports anti-terrorism and is intended to facilitate the development and deployment of anti-terrorism technologies by creating systems of "risk management" and "litigation management".

Once the REGAL's tool is stamped with the SAFETY Act approval, it will be recognized as official DHS certified tool and will be readily available for multiple training scenarios with known sciences supporting it.



SAFETY ACT

For more information, please contact Brian Schaedel, at bschaedel@regaldecision.com, or visit our website at www.regaldecision.com.



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Seize the Power of Simulation Technology