

PRODUCT BROCHURE SPORTEVAC

WHAT IS SPORTEVAC?

WHEN CAN YOU USE SPORTEVAC?

KEY FEATURES

TRAINING AT NCS4





SportEvac: Training, Operation and Planning Software for your venue. Ensure the safety of your visitors...

KEY BENEFITS

- Ensure the safety of visitors of your venue.
- Optimize your preparedness by performing “what-if” scenario analysis in a virtual environment.
- Create situational awareness.
- Train your staff.
- Communicate effectively with 3D visualization.
- Decrease evacuation times.

INTRODUCTION

All major sporting event organizers face great challenges in the development and enhancement of effective emergency management capabilities. Many sports venues and event organizations have increased security preparedness, enhanced response capabilities and developed emergency plans in recent years. However, difficulty remains in preparing and training for the wide variety of emergencies that cannot be rehearsed in real life.

To help overcome these challenges, INCONTROL and the University of Southern Mississippi’s National Center for Spectator Sports Safety and Security developed SportEvac Training, Operation and Planning software for your venue.

SPORTEVAC

“Improved functionalities of SportEvac lend credible realism to the users’ experience and understanding of their venue vulnerabilities and operational solutions”

– Lou Marciani, Director NCS4

WHAT IS SPORTEVAC?

SportEvac provides those responsible for venue and event security, a software system to aid in their “what-if” scenario management, daily operations and staff training. It is an all-embracing software system that enhances the user(s) situational knowledge to optimize their decision making capabilities of preparedness, response and assessment. When using SportEvac, user(s) will be better prepared to mitigate, respond and recover from both natural or man-made crises and daily affairs.

WHO CAN USE SPORTEVAC?

Sports-, special event-, and venue managers, decision makers, policy makers, as well as the emergency response team can use SportEvac for their overall management, planning, and training. From first responders to senior sport event officials, users can assess their preparedness and identify areas for improvement. SportEvac also fosters collaboration and development of community resolve in preparing for major incidents. Through the use of SportEvac, multi-agency teams within the public/private sector community can gain objective assessments of their capabilities so that gaps, deficiencies, and vulnerabilities are addressed prior to any actual incidents.

WHY USE SPORTEVAC?

- SportEvac is a software system to assure the safety of the visitors of your venue.
- SportEvac lends credible realism to table-top exercises in a visual, simulated format.
- SportEvac enhances multi-agency collaboration capabilities.
- With SportEvac you can analyze and experiment with “What-If” scenarios. The venue, situations and incidents can easily be customized to your situation.
- Integrated tools, applications and data sources enhance situational knowledge and decision-making capabilities.
- SportEvac aids in training and optimizing the preparedness of your staff for different scenarios in a virtual, but realistic environment.
- SportEvac aids the first responder community and supports their mission by enhancing preparedness, response and assessment capabilities.



WHEN CAN YOU USE SPORTEVAC?

With SportEvac you can ensure the safety of the visitors in your venue.

SportEvac can be used for different reasons and is a tool that is suitable during the whole life-cycle of venue management.

PREPAREDNESS

3-D Sport Venue/Infrastructure Modeling

Enhance the understanding of physical attributes, resources and liabilities & present realistic "what-if" emergency scenarios.

Data Storage, Importing and Organization

Identify, collect and store venue and event resources (e.g. human capital information, emergency management plans, emergency operations equipment, etc.).

Situational Awareness

Create situational awareness through a fully functional GIS Tool that enables the user to analyse the complete surrounding of the venue.

Incident Simulation System

Simulate incidents, either natural or man-made, to evaluate or create emergency plans/procedures and associated methods.

Proactive Functionality

Any planned modifications to infrastructure, population, building features etc. can be evaluated for their effect on emergency planning before actual implementation.

PLANNING

Pre-Planning

Develop better understanding of future event locations and conduct site assessments prior to an event.

Assessment

Enhance interagency coordination and communication; clarify roles and responsibilities, identify security gaps and build awareness of opportunities for improvement.

Data/Resource Organization

Load the venue model with current spectator numbers, allocate and track resources & personnel and enhance planning decisions based on real data.

Data/Resource Manipulation

Manipulate data and resources, determine patterns and relationships among them and perform functions and test scenarios.



RESPONSE

What-if Scenarios

Models enhance situational awareness through the understanding of potential “what-if” scenarios. Allows for consequence analysis of decisions based on such scenarios.

Asset Prioritization

Prioritize assets (physical, human and information) based specifically on certain threats to identify resource gaps as they relate to specific threat scenarios.

Synergy with Local, Regional and National Information

Query and analyze relevant data from local, regional and national organizations, further enhancing multi-agency knowledge and collaboration.

Emergency Plans and Information

Load, organize and access venue-specific emergency plans and information, allowing for sharing information and analysis among appropriate parties.

OPERATION

Revenue Management

Support for optimizing commercial utilization of event locations.

Situational Awareness

Improved overview of positioning of staff, equipment and utilities in and around the event infrastructure.

Communication and Asset Management

Communicate effectively through a full 3D visualization of the model in order to position all assets in the venue.

TRAINING

Training Sessions Enhancement

Integrated tools, applications and data sources enhance situational knowledge and decision making capabilities.

Scenario Modeling

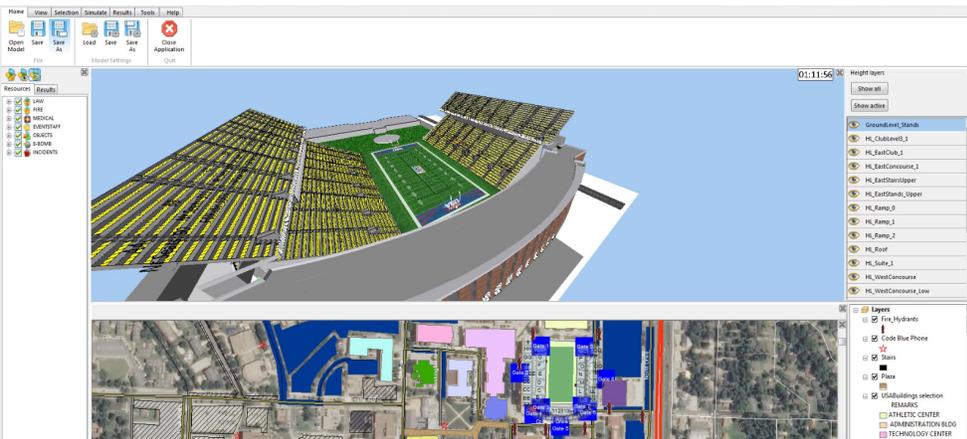
Scenario modeling enables classroom teaching and certification of safety & security manager based on pre-defined standards.



KEY FEATURES

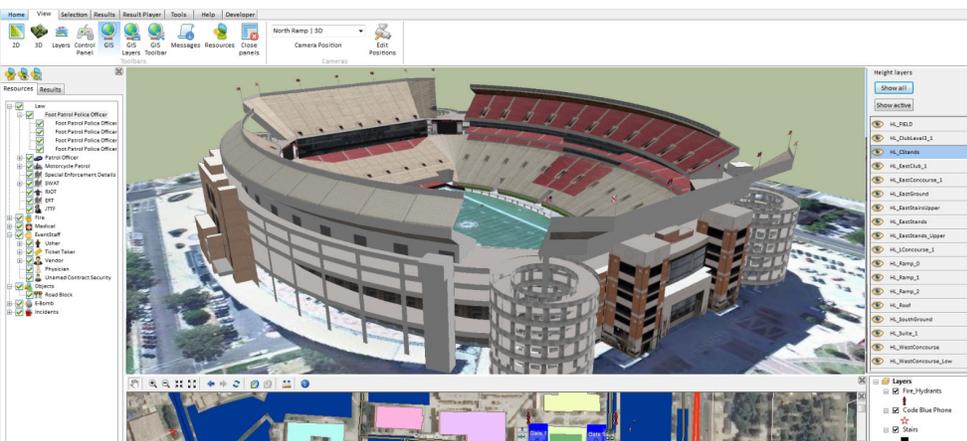
Comprehensive User Interface

SportEvac is operated through an integrated user screen. Via this user-friendly interface all features and views are easily accessible. The intuitive settings make the system very accessible for every kind of user.



Customizable To Every Venue

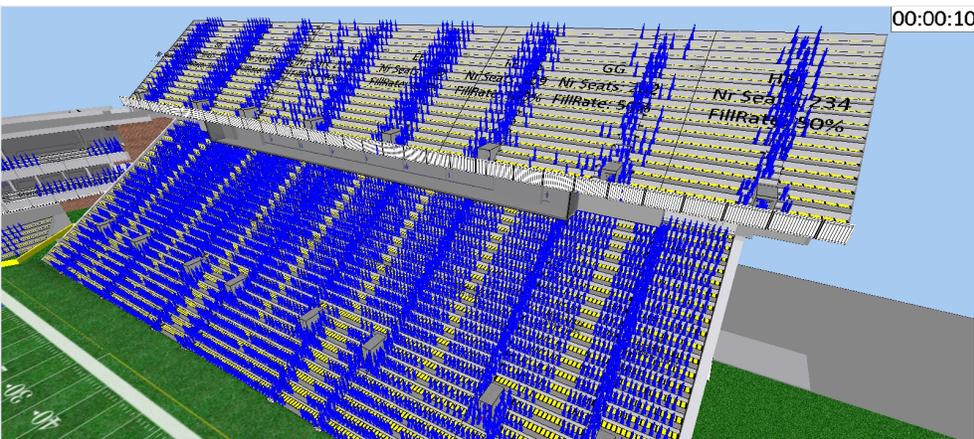
The powerful operating software enables the modeling of every kind of venue or infrastructure. Ranging from any stadium, arena, track or open space event. Not only limited to the venue itself, but also incorporating the outer perimeter. Ranging to 1 square mile.



Full 3D Model

The venue, objects and surrounding are all visualized in amazing 3D. As are the avatars that are moving through the venue as a realistic crowd. Furthermore, the 3D model enables the user to move, modify and set all the relevant objects in the model. For example closing entrances or moving stewards.





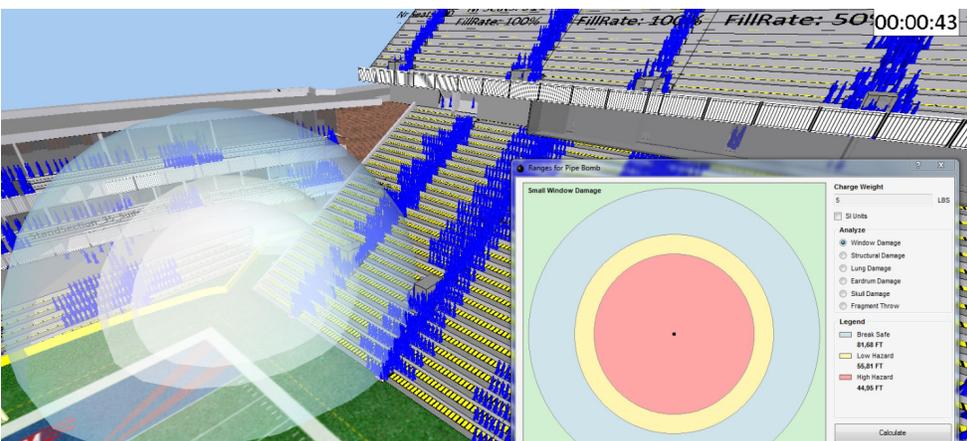
State-of-the-Art Crowd Simulation

SportEvac runs on INCONTROL's state-of-the-art Crowd Simulation platform Pedestrian Dynamics™. This proven technology is applied worldwide to simulate crowds in a wide scale of infrastructures, ranging from airports, mega-events, train stations, vessels, FIFA World Cup Stadiums, etc. The powerful simulation engine can easily simulate up to 100.000 visitors faster than real-time.



On The Fly User Interaction

During the simulation, the user is able to make changes to the model and analyze the effect on the crowd. For instance: closing a vomitory, creating a fire or placing a barrier. The simulation will automatically adapt the crowd flows on the fly.



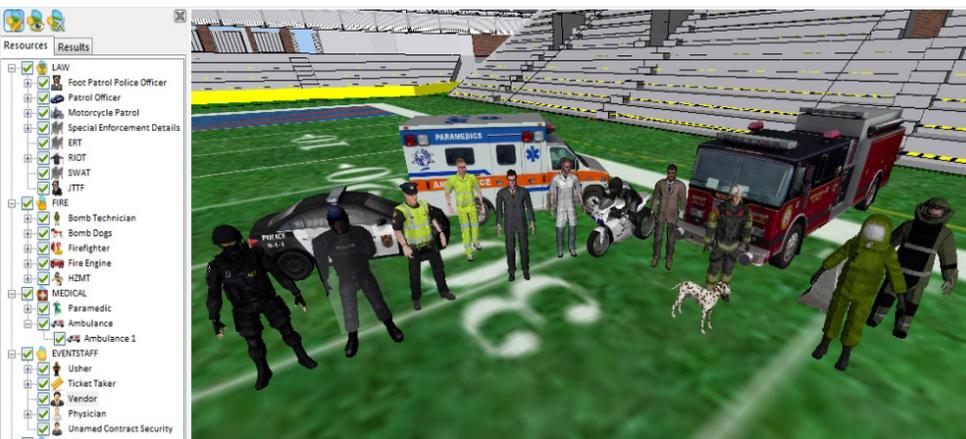
E-Bomb Impact Analysis

The E-bomb add-on enables the user to place an E-bomb and analyze the impact on the crowd and the constructions. All standards are based on US Defence regulations.



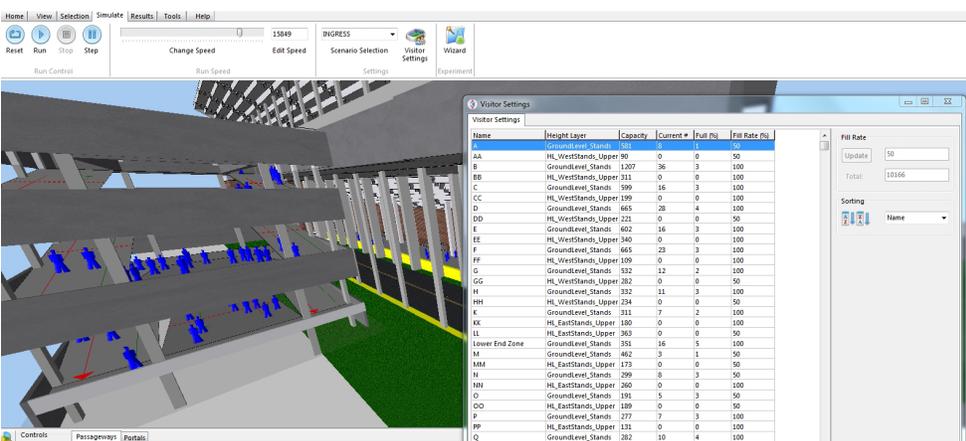
Detailed GIS Mapping

The integrated GIS map provides the user with all relevant information of the surroundings. Ranging from hospital locations, to highways and water supply points. The user friendly GIS library enables the user to show (or not show) the relevant GIS entities within the selected surrounding. This will support the situational awareness.



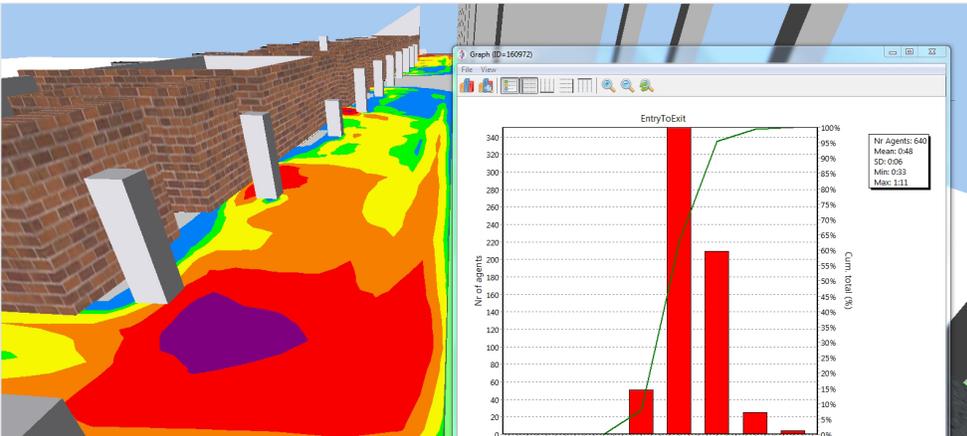
Extended Asset Management

SportEvac comes with a large object library that can be used in the model. Each object has an unique set of properties and visualization. Furthermore the settings of these objects can be used to influence the actions of the crowd behavior during the simulation run.



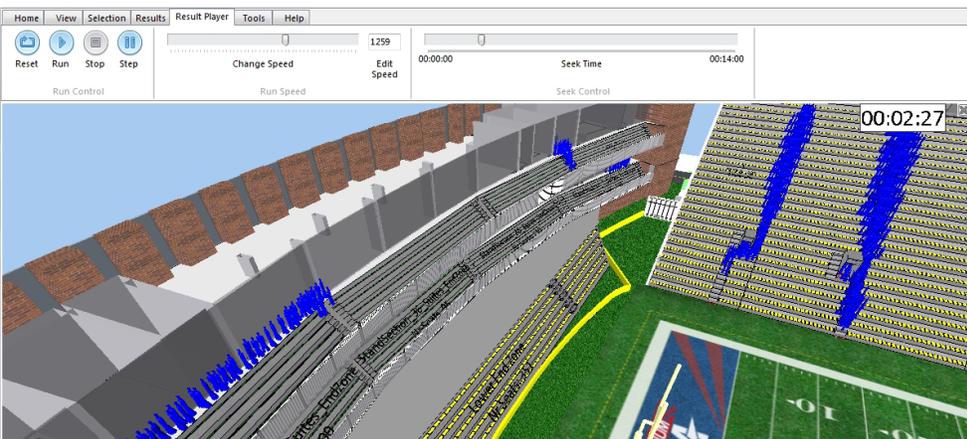
Unlimited Scenario Manager

The scenario manager can be used to define an unlimited amount of "What-if" scenarios. Via user-friendly input screens, scenarios ranging from normal game days to fire evacuations can be defined. Furthermore the pre-defined scenarios can be saved, modified, and loaded for training purposes and other objectives.



Detailed Result Manager

The result manager enables the user to analyze the performance of the defined scenario and measure Key Performance Indicators. For instance crowd densities, evacuation times, flow counters, etc.



Integrated Media Recorder

Use the media recorder to analyze the scenarios even better and share media with stakeholders and decision makers to support their decision-making process.

TRAINING AT NCS4

PARTNER PROFILE

In 2006 The University of Southern Mississippi announced the establishment of the National Center for Spectator Sport Safety & Security (NCS4), a worldwide interdisciplinary center specifically focused on research, education and outreach efforts in sport event security. The NCS4 is an outgrowth of a grant initiative funded by the Mississippi Office of Homeland Security and Mississippi Emergency Management Agency.

The Center works closely with INCONTROL for the implementation and deployment of Sportevac.

INCONTROL and NCS4 are located at the Trent Lott National Center for Excellence in Economic Development and Entrepreneurship (TLNC) at The University of Southern Mississippi in Hattiesburg, Mississippi.

WHAT TYPE OF TRAINING IS AVAILABLE AT NCS4 UTILIZING SPORTEVAC?

Incident Command Training (Certificate).

The Training program assists the incident command team with building their capabilities.

The following SportEvac Table-top Exercise Training Programs are available:

- Emergency Response Planning
- (Sport) Event Evacuation Preparedness
- Improvised Explosive Device (IED) Planning and Preparedness

HOW CAN THE TRAINING PROGRAM HELP WITH CAPABILITIES ASSESSMENT?

The training system can be an effective means to:

- Assess sport/event safety and security policies, plans, procedures, training, equipment, assumptions, facility designs and interagency agreements.
- Clarify unified roles and responsibilities.
- Conduct sport stadium, arena, track and open space event evacuations and other emergency plan analyses.
- Enhance interagency coordination and communication.
- Review sport safety and security gaps in resources.
- Identify opportunities for safety and security improvement.



INCONTROL SIMULATION SOLUTIONS

COMPANY PROFILE

INCONTROL Simulation Solutions is the leading manufacturer of simulation software with over 25 years of experience. It is our mission to make our clients and partners successful in their field of application by offering the most innovative simulation solutions. Clients use our simulation software to simulate large scale logistics systems and infrastructures such as baggage handling systems, container terminals, train stations, assembly lines and football stadiums. Our simulation software enables the user to cope with time, costs, resources, reliability, safety and sustainability.

Solutions are implemented at leading companies worldwide. Our intensive educational efforts have led to a successful use of our simulation software at universities, schools and institutes all over the world.

Our offices are located in The Netherlands, Germany, the United States of America and China. Via these offices and a worldwide partner network we provide software, implementation, product training and a 24hr support to our products.

Curious how our SportEvac can make you and your organization successful?

Contact us for a demonstration, a free evaluation version, a customized proposal, or other information.

- www.incontrolsim.com
- [www.twitter.com/sportevac](https://twitter.com/sportevac)
- www.youtube.com/sportevac
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Simulation Solutions

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SPORTEVAC

TRAINING, OPERATION, AND PLANNING SOFTWARE FOR YOUR VENUE.
ENSURE THE SAFETY FO YOUR VISITORS...

