



Armorway System from Armorway Uses Game Theory to Enhance Campus and Major Event Security for USC and Others

-- Federal Air Marshal Service and U.S. Coast Guard currently using software suite for planning and tactically scheduling patrols --

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LOS ANGELES--(BUSINESS WIRE)--Armorway, a company that applies game theory to big data using a suite of integrated applications, today announced the University of Southern California (USC) and a high-profile event production house will use its software to enhance planning for campus and event security, respectively.

“Preventing crime is like a game of chess, and we use big data and game theory analytics to help our clients outsmart the bad guys” “an innovative approach to optimize patrol schedules and actions for the Coast Guard Ports, Waterways and Coast Security missions”

The software exploits data analysis, machine learning and its patented game-theoretic algorithms to convert data into meaningful visualizations and intelligence-driven deployment strategies.

“Preventing crime is like a game of chess, and we use big data and game theory analytics to help our clients outsmart the bad guys,” said Armorway CEO Zare’ Baghdasarian. “We’ve created a mathematically augmented security program that generates unpredictable security plans using data from sources such as on-site cameras, historical crime records, social media, geolocation information, flight schedules, crowd movement patterns and real-time incident reporting. We’ve improved the effectiveness of patrols more than 60 percent in an ongoing trial with the U.S. Coast Guard.”

Other implementations of the software:

- The Federal Air Marshal Service is using the software suite for planning of Federal Air Marshal presence.
- USC is integrating Armorway’s solution into its campus security operations.
- The approach is being evaluated by the security operation for a major Hollywood event to identify, rank and categorize various situational vulnerabilities.

“Research and real-life data proves humans are not effective at randomizing patrols despite the best intentions,” Baghdasarian said. “The Armorway software gives security personnel real-time competitive analytics that improve their ability to be where they need to be at the right time to prevent crimes before they happen.”

About Armorway

Armorway, headquartered in Santa Monica, offers an enterprise software solution as a monthly subscription to provide enhanced security for major events, campuses, law enforcement efforts and cybersecurity. The company was founded in 2013 and builds on the research funded by the Department of Homeland Security over the past seven years at the University of Southern California. Armorway's technology has been awarded numerous major accolades including winning the Military Operations Research Society RIST prize and a Meritorious Team Commendation from the Commandant of the US Coast Guard for creating "an innovative approach to optimize patrol schedules and actions for the Coast Guard Ports, Waterways and Coast Security missions" known as the Port Resilience for Operational/Tactical Enforcement to Combat Terrorism (PROTECT) system. Demo available by webex on demand. For more information, visit www.armorway.com.

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