

BALFOUR Technologies LLC

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BALFOUR Technologies has recently been awarded a research contract from the U.S. Department of Homeland Security (DHS) Advanced Research Projects Agency (HSARPA), as part of their Small Business Innovation Research (SBIR) Program.

The HSARPA SBIR-funded Phase I award received by Balfour is intended to stimulate the application of new and innovative technologies to the growing problem of managing large multi-media surveillance information networks that are being deployed for Critical Infrastructure Protection. Large suites of surveillance cameras and sensors deployed at critical infrastructure sites, transportation hubs, borders, entry points, ports, harbors and other key locations can generate an overwhelming amount of raw data that must be organized, correlated, fused and processed before it can be turned into useful information necessary to provide the situation awareness needed for effective surveillance and security operations. Balfour's proposed R&D involves the application of their patented *fourDscape*[™] technology as the basis of a system architecture to achieve Automated Situation Awareness using a 4D Visualization Environment.

Balfour's patented *fourDscape*[™] browser/server technology allows the user to navigate through a computer-generated four-dimensional landscape (similar to a web browser/server concept, but in four dimensions) represented in a single visual canvas that effectively provides an automated situation awareness for human interaction, analysis and response by correlating and fusing raw data derived from a variety of deployed data sources over time (including surveillance and imaging sensors).

Note that this information does not necessarily reflect the position or the policy of the Government and no official endorsement should be inferred. More information about the HSARPA SBIR Program solicitations and awards can be found at www.dhssbir.com

More information about Balfour's *fourDscape*[™] technology can be found at www.BAL4.com or by contacting:

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[NOT FOR PUBLICATION]