

Press Release

Array Systems Computing Inc. is awarded three contracts from Defence R&D Canada in support of the ADDNS Technology Demonstration Project.

Toronto, ON – June 15, 2005

Array Systems Computing Inc. (Array) is pleased to announce that it has been awarded three contracts from Defence Research & Development Canada (DRDC) in support of the Advanced Deployable Day/Night Simulation (ADDNS) Technology Demonstration Project (TDP).

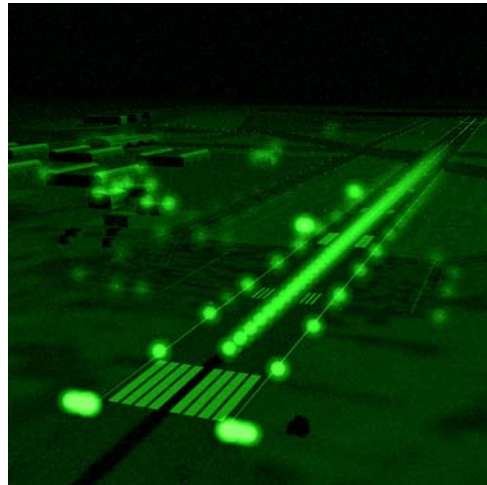
The ADDNS project, led by DRDC's Toronto research centre, will enhance Canadian Forces operational readiness by advancing the visual simulation capabilities of training simulators for deployment in mission rehearsal.

These contracts are designed to expand on previous DRDC efforts and experiments related to visibility, object discrimination, object identification and the image quality of displays. New efforts will include the manipulation of geographic databases and real-time scene generation including customized software development.

One contract involves the development of new human factors experiments using applications developed using PC based image generator environments, in particular MultiGen-Paradigm Inc.'s database and runtime environments including realistic high-accuracy geographic databases.

A second contract requires the creation of a state-of-the-art image generator driving a new custom Ultra-High resolution laser projector while maintaining correlation with existing legacy systems. The TDP breaks new ground on the work started at the U.S. Air Force Research Laboratory in Mesa, Arizona by offering proof of concept as it relates to new higher simulation fidelity and addresses the stringent demands being placed on Modelling & Simulation training requirements.

Array's unique use of scalable generic Commercial Off-The-Shelf (COTS) hardware for image generation, and strategic choice of graphics processing units enables the creation of a high performance system that is compact, portable and robust. The use of proven simulation runtime and database tool software from MultiGen-Paradigm delivers maximum performance, flexibility and an open architecture with lower long term operating costs.



Source: MultiGen-Paradigm

DRDC is an agency of the Canadian Department of National Defence responding to the scientific and technological needs of the Canadian Forces. The agency is made up of six research centres located across Canada with a corporate office in Ottawa. DRDC has an annual budget of \$250 million and employs 1400 people. With a broad scientific program, DRDC actively collaborates with industry, international allies, academia, other government departments and the national security community.

For more information about Array's current and future technology, contact us at:

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For more information about DRDC, please visit the following websites:

DRDC: www.drdc-rddc.gc.ca
DRDC Toronto: www.toronto.drdc-rddc.gc.ca