



BRITISH COLUMBIA
INSTITUTE OF TECHNOLOGY
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NEWS RELEASE

BCIT Trades Training Goes 3D

NGRAIN donates over \$2M to BCIT to accelerate use of virtual training

For immediate release: Tuesday, April 17

VANCOUVER, BC: The British Columbia Institute of Technology, Canada's leading polytechnic institute, is announcing a strategic partnership with NGRAIN Corporation, in support of its Technology-Enabled Knowledge ("TEK") Initiative. NGRAIN, a BC-based company that provides 3D visualization and simulation solutions for training and maintenance of complex equipment, will be providing BCIT with software and 3D models valued at more than \$2 million. NGRAIN's products will be used by instructors and students to further enhance the quality of BCIT trades and technology curriculum.

BCIT's TEK Initiative is a five-year project to enhance teaching and learning at BCIT through the strategic use of technology. Through TEK, BCIT intends to continue its leadership role in the use of advanced educational and information technologies to provide its students with a world-class technical training curriculum. As a result, BCIT students will be better prepared to enter the workforce with the best skills.

Commercially available since 2003, NGRAIN's 3D technology runs on standard PCs, laptops, tablets and PDA devices, and is optimized for distribution over the internet. NGRAIN's products have been widely used in the defense, aerospace, and energy market where they have shown to reduce training times by up to 60 percent.

NGRAIN's technology is designed to meet face-to-face instruction needs as well as seamlessly support distributed learning and is an ideal fit for today's polytechnic institutions, which focus on learning by doing as well as hands-on innovative, and collaborative instruction. Using NGRAIN's interactive 3D technology, BCIT students – in automotive, engineering, construction, and aerospace – will be able to practice and review equipment maintenance and repair procedures through 3D equipment simulations.

"The addition of this innovative and exciting software to our collection of teaching tools will propel our programs forward, giving our students experience with new technology and new methods of learning," says Dr. Tony Knowles, president of BCIT, "and we are pleased to be able to work with NGRAIN, a global leader in 3D simulation-based learning headquartered right here in BC."

"Integrating 3D animation technology into the learning toolbox provides students and teachers with new ways of exploring information and brings excitement to the learning process that cannot be matched by traditional teaching methods such as text and PowerPoint slides. As a company committed to improving students' ability to learn and retain information we're very pleased to enter into a partnership with BCIT, in support of the TEK Initiative," says Paul Lindahl, President & CEO of NGRAIN. "We look forward to the benefits students will realize with our software."



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BCIT produces more job-ready graduates than any other institute in the province, working closely with industry to design its programs. NGRAIN's products will help ensure that BCIT continues to meet BC's growing demand for skilled workers. Through its support, NGRAIN will be a lead donor to the TEK Initiative, and will participate in TEK's External Advisory Committee.

About NGRAIN

NGRAIN transforms the sustainment of complex equipment with 3D performance support solutions for the aerospace and defense industry. NGRAIN increases equipment readiness by accelerating learning on complex equipment, enabling first-time-right performance, and reducing maintenance cycle time.

NGRAIN is optimized for web deployment and portable devices. With NGRAIN, anyone can rapidly incorporate interactive 3D equipment simulations into sustainment applications, including courseware and technical manuals.

Customers include all branches of the United States military, the Canadian Forces, and leading defense manufacturers and system integrators, including Lockheed Martin, Northrop Grumman, and CAE.

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