



## ICAM Showcases CE / SIEMENS VNCK Integration at EMO 2007

**Montreal, September 13, 2007** – ICAM Technologies Corporation (ICAM) is pleased to announce that it has partnered with SIEMENS Energy & Automation Inc. (SIEMENS) for the successful integration of ICAM Control Emulator™ (CE) with SIEMENS' Virtual NC Kernel (VNCK).

ICAM CE is a new software product allowing NC programmers to simulate and test NC programs using Machine Code Data (MCD) within the CATIA V5 / DELMIA environment or within ICAM's machine tool simulator, Virtual Machine®.

As compared to traditional APT-based verification systems, which simulate a programmer's planned tool path, CE provides a more meaningful simulation that represents how the machine tool will react to the MCD output generated by the post-processor.

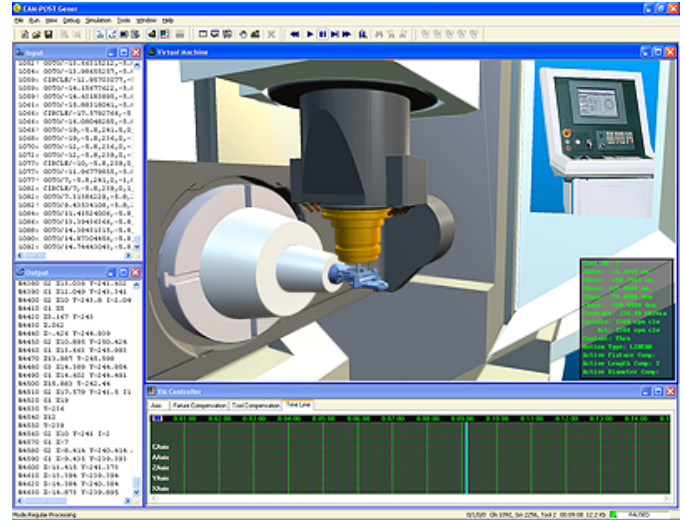
SIEMENS VNCK deployed in conjunction with ICAM CE allows for the simulation of advanced features and functionalities of the SIEMENS SINUMERIK 840D controller.

VNCK contains a virtual copy of the SINUMERIK CNC that encompasses a NC kernel motion logic which uses the same algorithms used by the actual 840D controller; subsequently, VNCK enables NC programmers to reliably emulate NC programs with regard to the exact machining time, cutting conditions, axes movements, collisions, work-piece geometry and motion behavior of CNC machine tools equipped with SIEMENS SINUMERIK 840D controllers.

"As multi-axes machines equipped with the SIEMENS 840D controller become more powerful and sophisticated, NC programmers are increasingly relying on simulation software products that accurately emulate machine behavior to avoid collisions and to optimize tool path," said Brian Francis, ICAM's Director of Research and Development.

"Deploying VNCK as a value-added feature to CE will provide NC programmers the ability to accurately emulate the motions of advanced 840D features and functions, resulting in a significant reduction to the time spent on expensive prove-outs." For individuals interested in viewing a CE / VNCK product demonstration, ICAM will be exhibiting at EMO 2007 in Hannover, Germany at Stand F12, Hall 6 as well as at the SIEMENS booth located at Stand C19, Hall 25.

"SIEMENS signed its original corporate agreement with ICAM in 1998," said Dirk Rabeneck, Head of SIEMENS A&D Aerospace Competence Center. "We continue to work with ICAM, because they have been the worldwide leading supplier of advanced NC manufacturing software products for over 35 years and we are confident that our mutual customers will benefit from an integrated CE / VNCK machine tool simulation solution that will allow them to maximize their SIEMENS SINUMERIK 840D control investments."



Virtual Machine® Model



SIEMENS SINUMERIK 840D Controller



### **About ICAM Technologies Corporation**

For over 35 years ICAM Technologies Corporation has been specializing in the development and implementation of advanced NC post-processing solutions for manufacturers in major industries around the world. In 2002, ICAM added an integrated machine tool simulator, Virtual Machine<sup>®</sup>, to its product mix that further strengthened its position in the NC manufacturing market. ICAM customers benefit from dramatic improvements to CNC machine optimization, NC programmer productivity and manufacturing process efficiency. ICAM's unique technology and services provide its customers and industry partners with the competitive edge that their business operations and customers demand.

### **About SIEMENS Energy & Automation Inc.**

SIEMENS Energy & Automation, Inc. provides electrical, engineering and automation solutions, along with a broad range of electrical and electronic products, software, and services to clients worldwide. Its technologies range from computer numerical controllers to process control, industrial software and integrated automation solutions. The company also has expertise in systems integration, technical services and turnkey industrial systems. A team of more than 9,400 engineers, designers, field service technicians and diverse professionals draw on the global support and expertise of more than 400,000 professionals at SIEMENS-affiliated companies worldwide.

### **Contact Information**

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