Avant Technology Partners With NEC To Market High-Level Synthesis In Asia

September 5, 2011 -- Avant Technology announced today they have partnered with NEC Corporation (NEC; TSE: 6701) to bring the award-winning C and SystemC synthesis VLSI design suite, "CyberWorkBench" (CWB), into Taiwan and China market.

CWB is a complete VLSI development suite comprised of a series of advanced LSI design tools using C or SystemC as input language that form an integrated design platform for ASICs, FPGAs and ASSPs. NEC group has been developing CWB for over 2 decades, and many Japanese companies have already benefited from this design suite.

"Avant Technology is a well-known EDA & IP distributor in Asia for leading-edge solutions. It is important for NEC to have highly competent and proactive distributor in China and Taiwan region. Taiwan and China is our critical mission points to expand CyberWorkBench across worldwide" said Dr. Kazutoshi Wakabayashi, Senior Principal Researcher, Embedded Systems Solution Division, NEC. "We are very pleased with our collaboration with skillful Avant Technology. I think this can be attributed to their unique business model of bringing synergistic technologies together for the benefit of our mutual customers."

"I am very pleased that NEC has chosen Avant Technology to support the sales promotion of CyberWorkBench," said Dr. Yao-Chang Chang, General Manager of Avant Technology. "CWB delivers what system architects need, including best QoR, highest data throughputs, and a suite of verification tools to ensure functional design integrity, all with significant power reduction. One of CWB's most important capabilities is automatic design space exploration, which enables design teams to realize these benefits and meet or exceed their ever shrinking design cycles."

In order to fully benefit from high-level synthesis state-of-the-art tools need to

support ANSI-C to directly synthesize any complex software application developed by Software engineers, as well as SystemC to benefit from the growing SystemC ecosystem. CyberWorkBench not only supports these two input languages, but also legacy RTL code, which is important since most designs are incrementally built and designers need to re-use their RTL IPs.
For detailed information and a video on CyberWorkBench, please refer to:
http://www.cyberworkbench.com

About NEC Corporation
NEC Corporation is a leader in the integration of IT and network technologies that benefit businesses and people around the world. By providing a combination of products and solutions that cross utilize the company's experience and global resources, NEC's advanced technologies meet the complex and ever-changing needs of its customers. NEC brings more than 100 years of expertise in technological innovation to empower people, businesses and society. For more information, visit NEC at http://www.nec.com.

About Avant technology
Avant Technology Inc., a professional EDA & IP distributor in Asia, was founded and headquartered in Hsinchu, Taiwan in 1990. Avant Technology provides the leading-edge MEMS solutions, Processor & Embedded Memory IPs, Interface IPs such as MIPI & SDIO, Audio IPs, PCI-Express & SATA Verification IPs, and EDA Tools such as ESL C-based Design, Mixed-Signal Design, Design for Test, Design Quality Monitor, Validation of Cell Library Integrity as well as IBIS Model Generation.

Avant Technology Inc. is headquartered at 5F-1, No. 83, Section 2, Gongdaowu Road, Hsinchu, Taiwan 30070 and has sales offices in China, Korea and Taiwan. For more information, please refer to http://www.avant-tek.com.