



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

Taiwan, October 26, 2017 - Avant Technology announced today they have partnered with NEC Corporation (NEC; TSE: 6701) to expand the distribution of the high-level synthesis tool, "CyberWorkBench" (CWB), from China & Taiwan into the Japan and Korea market.

CWB is an integrated environment for ASIC/FPGA design consisting of a high-level synthesis tool, as well as dynamic and static verification capabilities that shorten the design period by automatically converting the Large Scale Integrated Circuit (LSI) functions written in C language into circuits that satisfy both the circuit size (area) and performance needs for carrying out a design. CWB has been used for design control LSI for equipment that requires high reliability such as satellites, communications equipment and backbone servers. Since its launch in 2006, CWB has been introduced internationally to more than 100 companies in the manufacturing industry.

"Avant Technology is a well-known EDA & IP distributor in Asia for leading-edge solutions. It is important for NEC to have a highly competent and proactive distributor in Japan and Korea", said Dr. Kazutoshi Wakabayashi, Senior Principal Researcher, Embedded Systems Solution Division, NEC. "We are excited to be collaborating with the valuable skill set of Avant Technology and their ability to bring 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>.

The NEC Group globally provides "Solutions for Society" that promote the safety, security, efficiency and equality of society. Under the company's corporate message of "Orchestrating a brighter world," NEC aims to help solve a wide range of challenging issues and to create new social value for the changing world of tomorrow. For more information, please visit <http://www.nec.com/en/global/about/solutionsforsociety/message.h>

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About Avant Technology

Avant Technology Inc. is a professional EDA tool & Silicon IP distributor in Asia. Avant recognizes the importance of services to satisfy customers in both speed and professionalism. Based on experience from working in industry, we cooperate with customers to enhance productivity with professionalism and have accumulated various experiences in applications using a variety of EDA tools & Silicon IPs. This experience ensures a high service quality for our customers. With the trust gained from our customers we have become a leading Solution Provider for EDA Tools & Silicon IPs in Asia. Avant Technology was founded in Hsinchu, Taiwan in 1996 and is headquartered in Hsinchu with sales offices in China, Japan and Korea. For more information visit www.avant-tek.com.