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FOR IMMEDIATE RELEASE

## NEC AND KINETO PROPOSE APPROACH FOR RAPID FEMTOCELL STANDARDIZATION

*Companies demonstrate commitment to supporting femtocell standardization process*

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### London, UK, and Milpitas, USA – February 6, 2008

NEC Corporation (NEC) and Kineto Wireless today announced their proposal for enabling the mobile industry to quickly define a standard for supporting the deployment of femtocells. The joint proposal, based on the existing 3GPP GAN (Generic Access Network) standard, has been contributed to the 3GPP standards body as part of a femtocell study currently in progress.

While lack of an agreed standard is not expected to delay the commercial deployment of femtocells, it is well understood in the femtocell industry that a formal standard is required before the market can achieve mass market success. The joint NEC and Kineto proposal relates to rapid standardization of the 'lu-over-IP'-based femtocell architecture, which enables operators to leverage the lu-CS/PS interfaces into their existing mobile core network. Specifically, the NEC and Kineto proposal details how a fully defined 'lu-over-IP' interface can quickly be achieved through a few minor extensions to the existing 3GPP GAN standard. The companies believe this proposal represents the most viable option for 3GPP to reach a completed femtocell standard this year.

"The mobile operator community has made it clear that a fully defined lu-over-IP interface standard must be in place for the femtocell market to achieve mass market success," said Anil Kohli, Director - Global Femto Competence Centre for NEC Europe Ltd. "With three years of real world experience supporting large scale dual-mode handset services, the 3GPP GAN standard presents an ideal path for rapid femtocell standardization."

"The 3GPP GAN standard is a proven approach for extending lu interface services over the Internet to consumer owned devices," said Patrick Tao, vice president of technology for Kineto Wireless. "It is the closest thing to a complete a 3GPP lu-over-IP interface standard and provides a path to achieve that standard in 2008."

"The industry clearly recognizes that the key to reliable and cost-effective mass market femtocell deployment is the adoption of a standardized interface between access point and network," said Will Franks, CTO and co-founder of Ubiquisys. "The GAN standard is tried and tested in the field for dual mode handset applications and provides an efficient 3GPP standards-based protocol for network integration. That makes it an optimal architecture for femtocell deployment."

The lu-over-IP approach is one of two architectures expected to be taken through the standardization process. In addition to taking a lead role in standardizing the lu-over-IP approach, NEC is actively participating in standardization of a SIP-based approach.

### **About GAN Technology**

GAN technology is the 3GPP global standard for fixed-mobile convergence. GAN enables secure, scalable access to mobile voice, data and IMS services over broadband IP access networks. By deploying GAN technology, mobile operators can deliver a number of compelling fixed-mobile convergence services. The most well-known applications of GAN include dual-mode cellular/Wi-Fi handsets and 3G femtocells access points. Leading operators around the world have embraced GAN technology as the foundation for their fixed-mobile convergence strategy. For more information, please visit [www.UMAToday.com](http://www.UMAToday.com).

### **About NEC Corporation**

NEC Corporation is one of the world's leading providers of Internet, broadband network and enterprise business solutions dedicated to meeting the specialized needs of its diverse and global base of customers. NEC delivers tailored solutions in the key fields of computer, networking and electron devices, by integrating its technical strengths in IT and Networks, and by providing advanced semiconductor solutions through NEC Electronics Corporation. The NEC Group employs more than 150,000 people worldwide. For more information, please visit [www.nec.com](http://www.nec.com)

### **About Kineto Wireless**

Kineto Wireless is the key innovator and leading supplier of UMA/GAN technology, the 3GPP standard for fixed-mobile convergence. As the leading provider of UMA/GAN technology, Kineto supplies core network solutions through OEM partnerships with leading network infrastructure providers, and also provides UMA/GAN-compliant software, development tools and support services to mobile platform manufacturers, handset developers, femtocell suppliers and other consumer electronics vendors. For more information, please visit [www.kineto.com](http://www.kineto.com).

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