



FOR IMMEDIATE RELEASE

## Nuvoiz Unveils UCX Release 1

*Carrier-Grade VoIP Over WiFi for Dual Mode Handsets*

**Mountain View, California, July 9, 2007** – Nuvoiz, Inc., a start-up company developing standards-based mobile unified communications applications, today unveiled UCX Release 1 for dual mode handsets. As VoIP and WiFi networks become ubiquitous and converge, carriers and handset makers need to ensure that the voice experience over WiFi is as robust as the experience over traditional circuit switched networks. UCX helps these stakeholders to accomplish this challenge by solving the problems facing VoIP over WiFi. UCX is a set of driver layer algorithms that enables a robust VoIP experience over heterogeneous WiFi networks. It is compatible with any existing WiFi chipset.

Several inherent problems exist for VoIP applications in WiFi networks, specifically Layer 2 (L2) and Layer 3 (L3) handover, unplanned RF, and legacy access points. L2 handover of calls introduces significant latency resulting in call delays while L3 handover breaks IP connectivity, resulting in dropped calls. Unplanned RF can cause dead spots, interference from rogue access points, and over congested access points. Legacy access points do not have any handover intelligence, requiring a client-side solution for handover management.

UCX solves these problems by implementing the L2 and L3 handover intelligence in the handset. As a result, it does not require any dependency on access points or server-side elements. UCX algorithms enable a handset to concurrently associate with multiple access points, an active access point and a backup access point. Associations with multiple access points at the same time reduce handover latency exponentially. The algorithms also enable the selection of the best access points for the best quality of service by performing client-side site survey, discovery and mapping of access points, radio dead spot detection, and congestion detection.

To help handset makers adopt UCX, Nuvoiz offers professional services to integrate UCX into dual mode handsets. Email [info@nuvoiz.com](mailto:info@nuvoiz.com) for more information.



## **About Nuvoiz**

Founded in 2006, Nuvoiz is a privately held independent software developer in the mobile VoIP over Wi-Fi market headquartered in Mountain View, CA with a subsidiary in Tokyo, Japan.

Nuvoiz develops enabling software technology and products designed to significantly expand market penetration and acceptance of mobile VoIP over Wi-Fi. The company's solutions are designed around industry standards, with mobile workers in mind, and delivered to industry leading customers with superior development assistance. For more background information, go to: [www.nuvoiz.com](http://www.nuvoiz.com)

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