



*Meru Networks gives a few points of elaboration of the Wi-Fi Alliance's announcement in July on Voice-Personal certification program*

What makes Voice-Personal different from earlier certification programs is that the Wi-Fi Alliance is focusing not just on interoperability but also performance. The performance requirements for passing Voice - less than 1% loss, 50ms jitter, and 50ms delay - set a very high bar, based not on what a reasonable number of devices can pass, but on what is really required for good voice quality. It is not enough that the device support WMM, WMM Power Save, WPA2, and so on - all of which,

by the way, are required for the Voice-Personal certification. Rather, the devices must also achieve the mandated high performance, or they fail. The test is by no means easy, and requires designing the product to carry such high-quality voice in the presence of data and video streams, even when the devices are in power save.

Meru access points are not only certified under Voice-Personal, but they are part of the program's testbed. This means we faced an additional burden: we had to pass *every* test, not just the AP-specific tests in the testplan that others will be held to. Furthermore, every handset and chipset that is or will be certified for Wi-Fi Voice Personal will have to have achieved its high quality with our access points. Since there are only a small number of client devices in the testbed, a non-testbed AP that goes for certification will be tested only against those devices, and will not have the same exposure that Meru's testbed AP will. Every handset that enters the program will have to work with our AP in order to pass.

A Voice-Enterprise program is in progress. At the moment, that program is being designed with essentially the same performance requirements as Voice-Personal, but adds the requirement to use 802.1X with RADIUS authentication. Because of the impact that causes on handoff, the program extends the performance requirements to handoffs using 11r and 11k. Since Meru's Virtual Cell capability makes major portions of 11k and 11r simpler for us to implement than would be the case with other architectures, we anticipate doing very well in the enterprise program as well.

Joe Epstein, co-founder of [Meru Networks](http://Meru Networks) and technical chair of the Wi-Fi Alliance Voice committee is available for any clarification you may require on the significance of Meru's being in the testbed of this important certification program of Wi-Fi Alliance.



*Joseph Epstein  
Director of Technology  
Meru Networks*

**..... did you know.....**

.....that we have a new member of our MERU EMEA team.



**Jonas Mellander**  
System Engineer  
Nordics/Benelux

.....that Meru Networks will participate at these coming Expo's:

- **IP Convergence**— Porte de Versailles, Paris, France on the 21—23 October
- **Gitex** — Dubai International Convention and Exhibition Centre, Dubai, UAE on the 19—23 October
- **Aslan Roadshow**, Barcelona, Spain 28—29 October.
- **Meru Networks** first partner days in Hungary in conjunction with our Partner Sensor LTD. 2 -3 October.

.....that Meru Networks have been included on the 2008 candidate list, for a Specialty Vendor Award from Channel Reseller News. CRN annually recognizes excellence, exceptional performance to select Channel participants, and is one of the most sought after awards in the industry



.....that Meru Networks will hold training for CEE partners in Budapest on the 30th of September and the 1st of October.



.....that our Distribution Partner 802 Global in conjunction with Building-Zones deployed the BDP's Head-quarter in Manchester. The deployment contains of MC1030 and 25 AP311 to support voice and data access for 300 staff members.

