

Ikanos and Aricent Create Platform for Next-Generation Access Devices

Ikanos Communications, a leading provider of advanced broadband semiconductor and software products for the digital home, and Aricent, a global innovation, technology and service company focused exclusively on communications, today introduced a production-ready platform for advanced next-generation broadband access products. By combining Aricent's Converged Access Solution (CAS) software with the field-proven Ikanos' Fusiv Vx180 communications processor, the companies are enabling service providers and network equipment manufacturers to rapidly deliver next-generation access devices that support the evolving multimedia, telephony and storage requirements of the digital home.

In addition to wireline broadband access technologies, Aricent's feature rich software for WiMAX and Long Term Evolution (LTE) integrates seamlessly with Ikanos' Fusiv communication processors enabling a unified platform for advanced wireless broadband access devices including mobile broadband routers (MBR) and femtocell base stations.

"Worldwide demand for advanced wireless and wireline broadband services continues to escalate and drive the need for faster development of advanced customer premises equipment," said Craig Garen, COO at Ikanos. "By collaborating with partners like Aricent, we are advancing the development of equipment that expands the mechanism by which multimedia services are delivered to the digital home."

Ikanos' Fusiv Vx180 is a low-power, single-chip communications processor that incorporates a MIPS-based™ CPU core capable of 500 MHz processing speeds, digital signal processor (DSP)-based VoIP capabilities and security. The Fusiv Vx180 offers advanced processing power, wire speed performance and best-in-class quality of service (QoS). Additionally, the Vx180-based production-ready platform easily integrates with home networking technologies, such as MoCA™, Home PNA™, HomePlug® and 802.11a/b/g/n. The integration of Fusiv Vx180 and Aricent's CAS software enables service providers to deploy new offerings, including IPTV, more cost effectively.

Aricent CAS is a comprehensive control plane software solution designed for equipment manufacturers to simplify product development and shorten time to market for innovative new residential and small business multi-service gateways. CAS integrates all of the key software components needed for building multi-service, broadband enabled gateways. The Ikanos/Aricent gateway software stack enables the creation of multiple products based on a single software platform, alleviating the need to develop software in house or integrate various software products from multiple vendors. Aricent provides true carrier-class readiness and

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robust quality control, as indicated by Aricent's Level 5 Capability Maturity Model® Integration (CMMI) and TL9000 certifications - significant achievements in quality for telecommunications equipment.

“Aricent is focused on providing OEMs with comprehensive software frameworks and services, ultimately reducing development risk and costs,” said C P Murali, senior vice president at Aricent. “Using the integrated platform from Ikanos and Aricent, network equipment manufacturers can quickly introduce new gateway products with the latest technology, thereby advancing the global communications ecosystem.”

For more information about Aricent , visit www.aricent.com.

For more information about Ikanos , visit www.ikanos.com.

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