



## PRESS RELEASE

### **Ikanos and ASSIA Demonstrate First Solution for Accelerating Commercial Deployment of Vectored Networks**

#### ***Combination of NodeScale Vectoring and DSL Expresse to Streamline Network Management, Speed “Time to Revenue” for New Services***

Fremont, Calif., September 20, 2011 -- [Ikanos Communications, Inc.](#) (NASDAQ: IKAN), a leading provider of advanced broadband semiconductor and software products for the digital home, today announced that it has expanded its partnership with ASSIA, the leading provider of high-performance Dynamic Spectrum Management (DSM) software tools, to simplify the commercial deployment of service provider networks employing the latest ITU-T standard – G.Vector. The result is reliable 100 megabit per second (Mbps) performance over traditional copper telephone lines. By working together, Ikanos and ASSIA are creating an ecosystem for service providers around the world that enables new bandwidth-intensive services and streamlines “time to revenue” on vectored networks. A demonstration of the combination of Ikanos’ NodeScale™ Vectoring and ASSIA’s DSL Expresse® will be held at Broadband World Forum, September 27 to 29, in Paris, France.

“Over time, the vast majority of VDSL networks will be vector enabled, and Ikanos’ NodeScale Vectoring is the critical component for enabling these large, high-speed networks. In addition, ASSIA provides the ideal management interface for those networks,” said Kevin Fisher, vice president, advanced DSL technology, Ikanos. “Service providers around the world are demanding the ability to quickly, easily, cost-effectively and broadly deploy breakthrough vectoring technology. The combination of Ikanos and ASSIA technologies makes that a reality.”

#### **Ikanos NodeScale Vectoring**

Ikanos’ state-of-the-art NodeScale Vectoring technology virtually eliminates the crosstalk that occurs on copper wire across an entire node – up to 384 ports. By identifying and canceling crosstalk interference, independent of binder, cable or chassis, NodeScale Vectoring, which is completely G.Vector compliant, increases robustness and reliability, resulting in dramatically increased broadband throughput speeds up to 100 Mbps performance and beyond over existing copper networks. With NodeScale Vectoring, service providers can easily extend very high-speed Internet access and new critical services such as multiple high-definition television streams, distance learning, video conferencing, telemedicine, and more, without having to incur the high costs of installing complete fiber-to-the-home networks.

“Ikanos NodeScale Vectoring chip is a clear market leader that has earned broad service-provider acceptance for large-scale high DSL performance,” said John Cioffi, CEO and Chairman of the Board, ASSIA. “ASSIA’s DSL Expresse software management products, which leverage state-of-the-art Dynamic Spectrum Management (DSM) technologies, enable service providers easy vectored DSL introduction and subsequent high-performance retention through rapid and continuous wide-scale surveillance and pre-emptive correction of high-speed copper-line noise and line changes at the vectored DSL’s very high data rates.”

#### **ASSIA Software Solutions**

ASSIA enables DSL service providers to attain the levels of performance and stability required for next-generation services, such as IPTV, while leveraging existing copper infrastructure. Its flagship product, [ASSIA DSL Expresse®](#), helps extend the rate and reach of DSL systems and is used by major telecommunication service providers around the world to deliver affordable, high-speed broadband services. ASSIA DSL Expresse is the industry’s first DSL management platform to incorporate DSM Level

2, a next-generation technology for DSL network optimization pioneered by ASSIA, and debut DSM level 3 capabilities as part of the joint Ikanos – ASSIA demonstration at BBWF.

#### **Joint Demonstration at Broadband World Forum**

Broadband World Forum is the premier event for the telecommunications industry. Ikanos and ASSIA will showcase their joint solution for NodeScale Vectored networks at the event from September 27 - 29, 2011. Companies interested in scheduling a private demonstration should submit a request online at: <http://www.ikanos.com/products/sales-inquiry/>.

#### **Ikanos and ASSIA Shortlisted for InfoVision Awards at Broadband World Forum**

Ikanos NodeScale Vectoring and ASSIA DSL Express have been shortlisted for Broadband World Forum's InfoVision Awards. These awards were designed to showcase the products that offer the most significant new prospects for increasing revenue, managing costs, improving quality, and increasing satisfaction in the industry.

#### **About Ikanos Communications, Inc.**

Ikanos Communications, Inc. (NASDAQ: IKAN) is a leading provider of advanced broadband semiconductor and software products for the digital home. The company's broadband DSL, communications processors and other offerings power access infrastructure and customer premises equipment for many of the world's leading network equipment manufacturers and telecommunications service providers. For more information, visit [www.ikanos.com](http://www.ikanos.com).

#### **About ASSIA**

ASSIA Inc. is the leading provider of high-performance software tools for Dynamic Spectrum Management of DSL networks. ASSIA's products enable DSL service providers to realize dramatic speed and reach improvements, lowering operating and capital expenses, generating incremental revenue, and opening new business opportunities in the broadband-enabled home. ASSIA has more than 45 million lines under contract worldwide with top-tier service providers and is backed by strategic investors, including AT&T, Mingly China Growth Fund, SFR Development, Sandalwood Partners, Sofinnova Partners, Stanford University, Swisscom Ventures, T-Ventures, and Telefonica. For more information, visit [www.assia-inc.com](http://www.assia-inc.com).

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**Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995** *This press release contains forward-looking statements that are subject to risks and uncertainties concerning Ikanos Communications, Inc., including statements regarding the benefits and performance of Ikanos' products and software and anticipated benefits of the Ikanos' products for its customers. Actual events or results may differ materially from those described in this document due to a number of risks and uncertainties. These potential risks and uncertainties include, but are not limited to, macroeconomic conditions which may cause Ikanos' customers to defer purchasing plans, Ikanos' ability to deliver full production releases of its newer products and the acceptance of those products by Ikanos' customers, the continued demand by telecommunications service providers for specific xDSL semiconductor products, the failure of service providers to implement deployment plans on schedule or at all, Ikanos' continued ability to obtain and deliver production volumes of new and current products and technologies, Ikanos' ability to generate demand and close transactions for the sale of its products, Ikanos' ability to develop commercially successful products as a result of its current research and development programs, Ikanos' ability to successfully complete its restructuring plan, and unexpected future costs, expenses and financing requirements. In addition, for a more extensive discussion of such risks and uncertainties, which could cause actual results to differ from those contained in the forward-looking statements, see the section entitled "Risk Factors" in Ikanos' most recent Annual Report on Form 10-K, as well as other reports that Ikanos files from time to time with the Securities and Exchange Commission. Ikanos is under no obligation to update these forward-looking statements to reflect events or circumstances subsequent to date of this press release.*

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