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## ***Kalama Telephone Daisy Chains 5 DSLAMs over 12 miles with Positron's Innovative FlexStream 100 EoC Solution***

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**Newport Beach, CALIFORNIA, November 8, 2011** - Positron Access, the leading global supplier of Carrier Ethernet over bonded copper solutions, announced today that Kalama Telephone continues to deploy Positron's flagship FlexStream 100 family of products, the AK525 eight pair and the AIR series AK5RS regenerator MIMO-on-DMT Carrier Ethernet products. Positron's Aktino FlexStream 100 solution enables the independent telecommunications company to extend and expand high-speed broadband services beyond 12 miles and the backhaul bandwidth up to 5 times.

### **Ultra Long Reach over Copper, Unique Daisy Chaining Feature**

Kalama faced the daunting challenge of aggregating and upgrading bandwidth to 5 DSLAMs strung over 12 miles across the Kalama river bank to enhance the broadband offering to their subscribers. Trenching fiber under the river can be quite costly and requires various government approvals, which could span over a few years. Managing the subtended multi-span backhaul link was yet another challenging task. Was there an easy to manage, cost effective and timely solution to deliver up to 35 Mbps of bandwidth over the existing eight copper pairs?

Kalama turned to Positron to untangle the puzzle. Positron was the only vendor able to deliver the complete easy to manage backhaul solution with no compromise to the required bandwidth on eight copper pairs, subtending 5 DSLAMs over 12 miles with only three regenerators.

### **Faster ROI and Reduced CAPEX/OPEX**

"We are now able to deliver lucrative premium tiered services, up to 15 Mbps data rates, to our customers who were served with just 1 Mbps and expand high speed broadband services to the customers who were out of reach," said Todd Keezer for Kalama Telephone Company. "Kalama upgraded the legacy TDM backhaul infrastructure with the robust and reliable Positron FlexStream 100 copper bonded solution, enabling 5 times more bandwidth over the 12-mile span. Positron's unique daisy chaining feature on the FlexStream 100 and AIR series regenerators significantly reduces the capex and opex while providing a faster ROI in a short period of time. Positron's patented MIMO-on-DMT technology allows other broadband services to co-exist in the same binder with minimal to no impact. Positron has been an innovative solution provider for Kalama for over four years and without hesitation we continue to deploy the FlexStream 100 solution over long distances."

### **Bandwidth for the Underserved and Unserved**

"Positron is pleased to offer the unique DSLAM subtending daisy chain feature enabling Kalama Telephone to deliver premium services to the underserved and high speed broadband services to the unserved communities of Kalama and the surrounding areas," said Hossam Salib, VP Product Management and Marketing for Positron. We believe our FlexStream 100 ultra long reach high bandwidth solution will help Kalama Telephone continue to utilize their existing cost-effective copper infrastructure and congregate the escalating bandwidth requirements placed on their network."

### **About Kalama Telephone Company**

Kalama Telephone Company is a locally-owned, independent telephone company located in Kalama, Washington. They provide business and residential telecommunications services to Kalama and surrounding areas of Cowlitz County and offer the best of both worlds in today's telecommunications industry; the latest technology, in a friendly, customer-oriented small town manner. [www.kalamatelephone.com](http://www.kalamatelephone.com)

### **About Positron Access Solutions**

Positron Access develops and manufactures a broad portfolio of telecommunication equipment for applications including Mobile Backhaul, Metro Ethernet networks, core transport networks, access and edge aggregation, wireless and triple-play backhaul. Positron offers Aktino carrier class bonded copper solutions that enable carriers to quickly and economically deploy Ethernet and DS3 services with fiber like bandwidth and reliability. Positron also produces carrier class metro optical transmission equipment for SONET/SDH and packet based networks. Collectively the optical and copper based products provide a complete portfolio to enable the migration of legacy networks to the next generation Ethernet based networks. [www.positronaccess.com](http://www.positronaccess.com)

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