



# news release

For Immediate Release

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## **New Splitter Solution Will Double Next Generation Network Broadband Connections**

*From 100 Percent to 300 Percent More xDSL Connections in Roadside Cabinets*

**BERLIN – 17 September 2007** – ADC KRONE ([www.adckrone.com](http://www.adckrone.com)) today announced that with carriers around the world moving DSLAMs (digital subscriber line access modules) out of the central office/local exchange and into thousands of outdoor cabinets, ADC KRONE's new BroadwirePLUS™ xDSL splitter solution can cut the number of cabinets required by up to two thirds. This reduction potentially can result in significant savings in capital and operating costs.

The new breed of NGN (Next Generation Network) active outdoor cabinets will contain power supplies, batteries, fibre termination equipment for the broadband backhaul, cooling equipment, a copper-pair, cross-connection field similar to that currently found in outdoor distribution cabinets and a subrack housing DSLAMs and splitters. The splitters are essential to separate the digital broadband signals from the conventional voice telephone signals. Generally, because the splitters take up subrack space, there is only room for one DSLAM shelf limiting the outdoor cabinet to 48, 72 or 96 ADSL/VDSL ports.

ADC KRONE's innovative BroadwirePLUS splitters are combined with conventional cross-connect terminations and simply mount into the cable head area. This opens up enough space for a second shelf of DSLAM equipment to be installed in the rack, immediately doubling each outdoor cabinet's broadband/Triple Play capacity.

"The capacity gain can be even higher," explains Dagmar Kaehler-Mueller, DSL solutions product manager at ADC KRONE. "In many instances, the greater DSLAM density achievable with ADC KRONE's BroadwirePLUS splitter solution means that not every existing cross-connection cabinet will now need to be replaced with a NGN active electronics cabinet. Instead, where line lengths permit, such as in sub-urban situations, a single NGN cabinet can be located at the next up-stream distribution node feeding out over copper pairs to two or three existing copper distribution cabinets. This means that only one, instead of three, NGN cabinets would be needed."

BroadwirePLUS splitters are available for all types of xDSL from ADSL to the full 55Mbit/s VDSL2 standard needed for High Definition Triple Play services. They use the same LSA-PLUS® connection technique that is already used in outdoor cabinets by carriers all around the world. The connectivity mountings can be deployed from day one but the splitter modules need only be added in later as needed - allowing a pay-as-you-grow capital expense model to be employed.

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[www.adckrone.com](http://www.adckrone.com)

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For more information about BroadwirePLUS splitters or ADC KRONE's NGN field solutions, contact [dagmar.kaehler-mueller@adckrone.com](mailto:dagmar.kaehler-mueller@adckrone.com)

### **About ADC KRONE**

ADC serves its customers as ADC KRONE in the Europe/Middle East/Africa, Asia, and Indo-Pacific regions of the world. ADC KRONE provides the network infrastructure equipment and services needed to deliver voice, video, Internet and data communications around the world. Wireline, wireless, cable, enterprise, and broadcast network operators rely on ADC offerings to deliver bandwidth intensive, high-speed services to residential, business and mobile subscribers. ADC (NASDAQ: ADCT) has sales into more than 130 countries. Learn more about ADC KRONE at [www.adckrone.com](http://www.adckrone.com).

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