



# news release

For Immediate Release

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## **ADC KRONE to Exhibit Complete Next Generation Network Infrastructure Portfolio at CeBIT**

### **Automation and Fibre Solutions for the Deployment of Reliable and Efficient High-Speed 'Minimum Touch Networks'**

**BERLIN – 15 March 2007** - ADC KRONE (NASDAQ:ADCT; [www.adckrone.com](http://www.adckrone.com)) announced today that it will present its complete portfolio of next generation, advanced infrastructure solutions and services for public and private networks at CeBIT 2007, 15-21 March, at **Stand AO6 in Hall 15**. The fibre and network automation products focus is the deployment of VDSL/VDSL2 and fibre-to-the-Node /Home (FTTx). These products are complemented by a broad range of professional services, including the planning and deployment of wireless infrastructure and data centre products, which also will be on display.

By professionally deploying 'Minimum Touch Networks' with a well-managed fibre and copper physical infrastructure, carriers today can satisfy the increasing bandwidth requirements of their customers, driving revenue growth while minimising ongoing operating expenses and maximising the quality of service. The solutions on display by ADC KRONE at CeBIT 2007 provide these benefits and, for mobile network operators, provide the cost-effective expansion of new infrastructure alongside capacity enhancements of existing networks.

#### **Network Automation**

As network operators meet the challenge of transforming their networks to become high bandwidth data highways, a key to future success is keeping operating expenses under control. One way to do this is to design 'Minimum Touch Networks', and ADC KRONE offers best-in-class automation solutions that make this a reality. The OmniReach™ **ACX** Automated Copper Cross-Connect and **ADX** Active Digital Cross-Connect manage the physical layer of the network with minimum manual intervention. Carriers are able to achieve increased network flexibility, speed-of-service delivery and reliability using a compact design that frees up expensive physical space in the network.

#### **Fibre Solutions**

##### **Single Circuit/Single Element (SC/SE)**

The new 'Single Circuit/Single Element (SC/SE)' solution has been designed to support carriers' specific configuration requirements for outside plant. It has eight single-circuit-splice frames and allows the termination of up to 12 pre-terminated fibre cables. Its innovative design significantly simplifies network operations.

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### **FTTx**

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As carriers lay fibre cables closer to the subscriber, the outside plant is undergoing significant change with more fibre for the network operators to manage. Also, there is greater need for physical layer access and, at the same time, the network design has to allow for future expansion. ADC KRONE's OmniReach™ solutions are tailored to support a wide variety of FTTx deployment strategies, giving carriers the broadest range of design choices to meet their specific needs.

### **Multi-Dwelling Units (MDU)**

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ADC KRONE OmniReach solutions for MDU applications provide for the interconnection of fibre cables and equipment in multi-dwelling units. ADC KRONE supplies pre-terminated solutions including compact enclosures, high performance cable assemblies and connectivity components. Distribution nodes can be added to the network quickly and reliably, reducing installation and long-term maintenance costs.

### **Outside Plant, Collocation**

ADC KRONE has a complete portfolio of standards-compliant local loop access products designed for the specific requirements of carrier and corporate networks. The field-proven, product line enables carriers to cost-effectively build, manage and optimize ADSL2+, VDSL and VDSL2 networks. Solutions for the central office, cross-connection cabinets and customer premises allow carriers to deliver advanced services to their end users, using copper or fibre optic transmission equipment.

### **Data Centres**

In addition, ADC KRONE has a comprehensive range of Ethernet service delivery products for copper and fibre-based solutions. The portfolio is designed to transmit next generation Ethernet and multi-media services within a service provider's network.

### **Physical Layer Management (PLM)**

ADC KRONE's PLM solution monitors, in real-time, the location and connectivity of all copper and fibre circuits, as well as all Ethernet devices in a network. By deploying at critical points within a mobile or fixed network, operators can remotely monitor all manual intervention within the network, eliminating the source of many service transfer and customer transfer faults.

### **Mobile Network Solutions**

#### **WiMAX Solutions**

The WMX WiMAX system is built on proven technologies and incorporates the latest in WiMAX-compliant features. The WMX solution delivers the critical elements required to extend services to a wide range of subscribers – ranging from large enterprises to public-sector organizations to multi-tenet buildings and residences – using a single, standards-based platform.

#### **WFX Wi-Fi Solutions**

The Wi-Fi LAN Array solution combines a wireless LAN switch with up to 16 integrated access points to deliver 864 Mbps of Wi-Fi bandwidth over a large area, allowing up to 1,024 users to be wirelessly connected to the network. This product portfolio includes solutions for a broad range of applications, from small offices where bandwidth is not an issue, to hospitals and business complexes where maximum bandwidth is required to support an increasing number of Wi-Fi customers.

### **Digital Signal Cross-Connects (DSX)**

FlexDSX™ provides carriers with true network flexibility. It allows copper-based electrical network elements to be linked and provides failure-free access to active digital connections for monitoring and testing purposes. This minimises network downtime while improving quality and service availability.

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### **Tower-Mounted Amplifiers**

ClearGain® Tower-Mounted Amplifiers (TMAs) minimize the cost of network expansion and improve the quality of service, allowing carriers to increase profitability from new and existing services. ClearGain 1800 MHz and 2100 MHz Dual Inline TMAs are ASIG -compliant products that increase receiver performance and improve overall coverage cost effectively. With ClearGain TMAs, mobile carriers can improve signal quality that results in increased subscriber retention and increased billable minutes of use.

### **Converged Access**

The LoopStar® 700 Ethernet product family allows carriers and service providers to cost-effectively aggregate, deploy and manage Ethernet and TDM services for a broad range of customer applications. This portfolio of Ethernet multi-service access solutions is optimized for whatever type of network facility is available or as the most cost-effective solution for a particular customer application.

### **Services**

Through its services organisation, ADC KRONE helps carriers in the planning, installation and maintenance of communications networks in Europe. Its expertise in providing product and service solutions makes ADC KRONE the ideal choice for projects that require an in-depth understanding of both simple and complex network environments. Whether it's a mobile, fixed-line or cable network, ADC KRONE has services that improve network design, reliability, scalability and efficiency.

### **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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