



**FOR IMMEDIATE RELEASE**

**NComm Expands Product Line with NComm Stacks**  
*KS Telecom deploys NComm's Primary Rate ISDN protocol stack  
with Dallas-Maxim hardware*

SALEM, NH – November 18, 2002 – NComm, Inc. today introduced NComm Stacks, a new line of software products for quickly adding reliable higher layer telecommunications services functionality to communications equipment platforms. The first offering in the NComm Stacks product line is ISDN Primary Rate Interface (PRI), which provides the Layer 2 and Layer 3 D Channel signaling software required for interfacing with PRI networks.

“The development of NComm Stacks is a direct result of customer demand for higher layer software with the same level of quality and comprehensiveness found in our Layer 1 Wide Area Network interface products,” said John Brandte, vice president of marketing and business development at NComm. “The same value proposition, including standard-compliance, flexibility, completeness and portability is included with NComm Stacks. We are pleased to be entering new markets with such a strong product.”

NComm Stacks is an extension of NComm's expertise in developing turnkey Layer 1 Wide Area Network (WAN) software solutions for communications equipment makers. NComm's Layer 1 Telecommunications Management Software (TMS) is the only complete software and source code solution that enables equipment vendors to quickly add reliable WAN interfaces such as T1/E1, T3/E3, SONET and SDH to their platforms.

KS Telecom is implementing NComm Stacks Primary Rate ISDN in its Atlas family of digital communications products (PBX, Key System and Servers). “KS Telecom's innovation lies in telecommunications and voice processing, not transport protocols; but the need for a variety of complete and standard-compliant protocols is a critical requirement for our customers,” said Kyle Hollifield, CEO, KS Telecom. “We chose the NComm Stacks ISDN PRI software because we could bring the functionality to market quickly, and the company has a leadership position in developing WAN source code. We had ISDN PRI up and running on our platform quickly with the product and support provided by NComm.” KS Telecom has over 100,000 business customers worldwide, processing millions of calls per day.

NComm Stacks Primary Rate ISDN provides the source code and software necessary for delivering standard-compliant ISDN PRI services. The protocol stack provides the Layer 2 Q.291 and Layer 3 Q.931 D channel signaling required for communicating with T1 PRI networks. As with all NComm products, it includes easy-to-use APIs for all communications between the software and other parts of the PBX or service provider equipment.

The software accommodates a wide variety of hardware configurations; works with any Real time Operating System and processors, including multiprocessor environments; and produces a complete, standard compliant PRI interface. While the equipment maker can write its own layer 1 software, the new package is pre-integrated with NComm's T1 TMS.

KS Telecom is integrating NComm Stacks Primary Rate ISDN with Dallas-Maxim's DS21552 single chip transceiver. "The attraction of NComm's new PRI offering again underscores the growing importance of vendor partnerships to provide solutions to customers, not piece parts," said Michael Smith, Director of Telecommunications Products at Dallas-Maxim. "Now the combination of Dallas-Maxim transceivers and NComm software yields a complete, tested and working solution."

ISDN PRI offers high quality, low cost switched digital communications over standard phone lines. It is the preferred access trunk by Internet Service Providers (ISPs) for its integrated voice/data access and high throughput capabilities, as well as its ability to support a large number of users on one access number. Corporate PBX administrators choose ISDN PRI for its dynamic channel allocation functionality, ability to provide for a large number of users, and its support for advanced network services such as Caller ID, Call Waiting, etc.

Pricing for NComm Stacks Primary Rate ISDN starts at \$25K.

#### **About NComm TMS™**

NComm's Trunk Management Software (TMS) portfolio of products includes T1, E1, T3, E3 and SONET/SDH technologies. Portable to any operating system, NComm provides its TMS customers with a fully functional device driver to interface with any industry standard framer.

#### **About NComm**

NComm provides network equipment vendors with proven, standards-compliant Wide Area Networking (WAN) source code, software, and custom engineering. Its TMS® trunk management suite enables faster time-to-market for network systems by reducing the development time for WAN interfaces from months to hours. The suite includes the turnkey software and source code to embed into WAN equipment, which performs all the framer, alarming, performance monitoring, line testing, and signaling functions that all WAN devices or products must have to operate. NComm, privately held and based in Salem, New Hampshire, has customers ranging from start-ups to well-established communications companies such as 3Com, ADC (NasdaqNM:ADCT), Nortel (NYSE:NT), and Sonus (NasdaqNM:SONS). For more information, please visit the NComm website at [www.ncomm.com](http://www.ncomm.com).

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