

## **Smart Cards, Cash Deposits, and Multi-Currency Dispenes for NCR ATMs Supported by Paragon Tools**

*Announcing General Availability of Expanded Configuration and Test Tools*

(Holly Springs, NC—November 16, 2004) Paragon Application Systems, the primary supplier of ATM simulation and EFT test tools to financial industry leaders, announces the latest releases of ConfigBuilder 4.1, ATMulator 2.1, and FASTest 2.2—Paragon's flagship offerings for ATM configuration, simulation, and testing. The new releases will support testing of bunch note acceptance (BNA) and EMV (also known as chip card or Smart Card testing) for NCR. In addition, the new releases will enable faster configuration and testing of multi-currency dispenes, as well as offering bonuses like GIF image support and formatted message displays.

"As our business partners and clients develop support for leading-edge features, they rely on Paragon's tools to provide the means to implement and test these next-generation ATM offerings," says Kathy Cameron, Paragon's Director of Sales and Marketing. "Institutions operating in the US need to meet the latest ADA guidelines and these tools enable much easier inclusion of WAV audio and MPEG video files. On the other hand, international clients require support for EMV (the Europay, MasterCard, Visa standard chip card) and for cash/check accepting terminals, also known as bunch note acceptors (BNA)."

"For more than a decade, our customers have depended on Paragon Application Systems to provide enabling technology in the form of configuration, simulation, and testing tools to allow them to take advantage of the latest ATM features and get those features to market," says Cameron.

Paragon will demonstrate accelerated testing of BNA and EMV for NCR ATMs at the BAI Retail Delivery Conference (Booth 3107) in Las Vegas, Nevada from November 16-19, 2004.

For more information about ConfigBuilder 4.1, ATMulator 2.1, and FASTest 2.2, telephone Paragon at (919) 567-9890, email [sales@parappsys.com](mailto:sales@parappsys.com), or visit Paragon on the Web at [www.parappsys.com](http://www.parappsys.com).

### **About Paragon Application Systems**

More than 150 financial institutions in over 25 countries use Paragon's productivity empowering software to improve quality and reduce time-to-market. Since 1994, Paragon provided ATM and EFT professionals with tools to improve the reach and quality of their institution's transactions. Paragon tools configure ATMs for graphics and audio, simulate ATMs including Triple DES (TDES) and fault testing, and perform regression testing for ATM and ISO 8583 transactions. Other Paragon offerings measure and test system capacity and performance, and provide Web-enabled QA and development testing to remote users worldwide. Paragon's broad customer base includes interchanges, such as NYCE, STAR Systems, PROSA, Transacty Slovakia, and SHAZAM; processors, such as Genpass Technologies, Metavante, TSYS and Fiserv; leading software providers such as ACI Worldwide, CSF International, Mosaic Software, S2 Systems, and XP Systems; and banks, such as BB&T Corporation, Bank of Hawaii, and Citibank. Since 1998, Paragon has been a member of the Diebold Partner Information Xchange and an NCR Strategic

Business Partner, and counts both Diebold and NCR among its customers. Paragon has been a member of the Interactive Financial eXchange (IFX) Forum since 2002 and the MasterCard Vendor Program (MVP) since 2003. Visit Paragon Application Systems at [www.parappsys.com](http://www.parappsys.com).