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AT&T licenses linkable code modules for encryption software

GREENSBORO, N.C. -- AT&T is giving software developers access to linkable code modules for encryption, public key exchange and other communications security functions.

AT&T announced today that a comprehensive library of linkable code modules, including RSA security technology and the NIST Digital Signature Algorithm, is available for licensing. Linkable code is available in the form of linkable object module libraries and Windows Dynamic Link Libraries (DLLs), which are under license from Information Security Corporation of Deerfield, Ill.

The code is compatible with shrink-wrapped programs recently introduced by AT&T.

The security functions included have applications for a broad variety of software, including tax returns and other electronic-forms programs, electronic mail, electronic data interchange and electronic fund transfers.

"Electronic commerce has an inherent requirement for privacy, data integrity, authentication and non-repudiation," said Larry Salter, director of secure systems and services for AT&T Secure Communications Systems.

"These capabilities are ideal for PCMCIA and smart-card applications as well as conventional software for PCs and workstations."

The package includes code for DES encryption, the ElGamal public key cryptosystem, the Digital Signature Algorithm, the Secure Hash Standard and most RSA security functions, including RSA encryption, key management and digital signatures; MD5 hashing functions; and the Diffie-Hellman key exchange protocol. A proprietary encryption algorithm for exportable applications is available as well.

More than a dozen military and civilian federal agencies and a growing number of corporations have already licensed the code for new software applications, Salter said.

"This is a full range of information security functions, relying on the most widely accepted government and commercial standards," Salter said.

Prices for code packages containing DSA technology are \$750 for the DOS/Windows* version, \$1,000 for the Macintosh version and \$1250 for the UNIX* version. For code packages containing RSA technology are \$300 for the DOS/Windows version, \$400 for the Macintosh* version and \$500 for the UNIX version.

The license allows developers to load the code into two workstations for software development. Royalty payments are required for distribution of applications to end users.

AT&T and ISC have incorporated the code modules into software that provides a wide range of security capabilities.

AT&T SecretAgent® Software provides DES encryption, El-Gamal key management and DSA digital signature technology. AT&T SecretAgent II Software provides DES encryption, RSA digital signatures and key management, and MD5 for message digests. AT&T Surity* DSA Signature Software is a digital signature program. And AT&T SecureZMODEM* provides DES encryption and user-transparent key management for data communications using the ZMODEM protocol. (See [note below](#) for the status of these products.)

Programs using RSA technology are in development.

Software developers can get more information on licensing the AT&T linkable code module library by calling the AT&T Secure Communications Customer Service Center, 1-800-203-5563.

* Surity is a trademark of General Dynamics Corporation. Macintosh is a registered trademark of Apple Computers Inc. UNIX is a registered trademark in the United States and elsewhere, licensed exclusively through X/Open Company Ltd. Windows is a registered trademark of Microsoft Corporation. SecureZMODEM is a trademark of Paradyne Corporation.

For more information, reporters may contact

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* Surity is a trademark of General Dynamics Corporation.

Note: AT&T is a telecommunications services provider and no longer develops, builds or sells secure communications equipment, modems, computing or POS equipment, or telecommunications equipment.

On Oct. 1, 1997, General Dynamics Corp. acquired Advanced Technology Systems and the Surity family of secure communications products. For more information about these products, call the General Dynamics Advanced Technology Systems Customer Service Center on 1-800-243-7883 or visit <http://www.lucent.com/gov/secure.html>.

In 1996, AT&T sold its modem unit, AT&T Paradyne, which is now a separate company Paradyne Corp. For information about Paradyne's products, including the KeepInTouch modem card, customers should:

Call 1-800-237-0016
Visit Paradyne's website <http://www.paradyne.com/>
or its modem support page <http://www.paradyne.com/products/tech/modems/>

For more information about SecretAgent software, customers should visit [AT&T Security Software](#).

For information about services AT&T offers, customers should visit:

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