

**RSA
Security
Solutions
Catalog**

Winter 1996-1997

During the first World War, carrier or “racing” pigeons were often the only means of secure communications between headquarters and the front lines. Secure electronic communications being unavailable in the early 1900’s, both sides leveraged the technology at hand — using the speed, loyalty and unique homing instincts of carrier pigeons.

“Cher Ami” was one such extraordinary pigeon who, although mortally wounded, managed to complete his mission and deliver a message that saved the lives of 194 men caught behind enemy lines at Verdun.

While the technology — and the “carriers” — may have evolved dramatically over the past eighty years, the requirement for secure communications remains unchanged. The survival of companies in the competitive global marketplace depends upon their ability to keep their communications private and authenticated — while still making information accessible to those who need it most.

Nearly two decades ago, RSA’s founders invented the first practical public key cryptosystem, and ever since, our technologies have defined the perfect balance between openness and control.



DEAR READER:

"The most trusted encryption and authentication system in the world." Ever since its invention in 1977, the RSA Public Key Cryptosystem™ has enjoyed this title. And since 1982, the company founded by the three inventors of that revolutionary encryption technique has grown to become the world's leading cryptography firm.

What was in the late Seventies an interesting mathematical exercise is now practically ubiquitous in the computing and telecommunications industry. Virtually every major hardware and software concern in the United States can be counted as among RSA's licensees. RSA technologies (both public and secret key algorithms) are part and parcel of hundreds of products, from secure e-mail to telephones, from operating systems to Internet browsers and servers.

On the following pages you'll be introduced to a selection of products from a few of our licensees. These products, which represent virtually every market segment and product category, all carry one thing in common: they all

offer encryption and/or authentication features designed by RSA. There are many more available... and many, many more are coming.

Soon you'll start to see this "Genuine RSA" seal on our licensees' product packaging and documentation. Look for it. It's your assurance that the security features inside that product came from the very best in the business.

We hope you find this catalog valuable, and we thank you for your support over the years.

Best Regards,



D. James Bidzos
President
RSA Data Security, Inc.



Developers' Toolkits



Alcatel TITN Inc.
 7011 Knoll Center Parkway
 Suite 200
 Pleasanton, CA 94566-3129

SALES CONTACT:

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TWICE CDPD MD-IS, TWICE CDPD M-ES

TWICE CDPD (MD-IS Version) is a portable source code product intended for OEM equipment vendors who wish to develop CDPD MD-IS systems for the wireless communication market. The TWICE CDPD (MD-IS Version) source code is easily ported to any system with a C compiler. Integrated within TWICE CDPD (MD-IS Version) are the RSA Diffie-Hellman key exchange and RC4 encryption routines to encrypt data over the wire-

less air link specified in the CDPD protocols.

TWICE CDPD (M-ES Version) is a portable source code product intended for OEM hardware and software vendors who wish to develop Mobile End System products for the CDPD wireless communication market. The TWICE CDPD (M-ES Version) source code is very compact and well suited for a range of small embedded processor environments. TWICE CDPD

(M-ES Version) includes program hooks for easily linking the RSA Diffie-Hellman Key Exchange and RC4 Data Encryption routines. These routines perform the encryption of data over the wireless air link, as specified in the CDPD protocols.

PLATFORMS SUPPORTED

Any system with C-Compiler

ENCRYPTION STANDARDS SUPPORTED

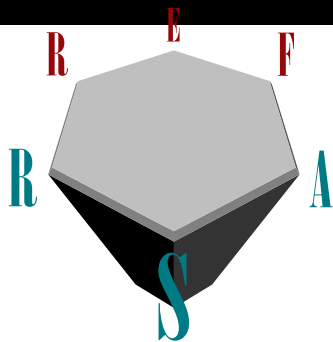
CDPD

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Consensus Development Corp.

1563 Solano Avenue, #355
Berkeley, CA 94707-2116

SALES CONTACT:

Christopher Allen

Phone: (510) 559-1500

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christophera@consensus.com

<http://www.consensus.com>

RSAREF

RSAREF is short for "RSA reference implementation" and is a cryptography source code toolkit designed to allow developers to create PEM (Privacy-Enhanced Mail) software and other encryption/authentication tools. Until now, RSAREF has been an unsupported RSA product approved for use only as part of freeware and not-for-profit software applications.

By agreement with RSA Data Security, Inc., Consensus De-

velopment Corporation will market and license RSAREF to commercial software developers, and provide software support and future enhancements to the RSAREF source code library. This is the first time that RSAREF implementation of RSA's popular patented authentication technology is available to commercial vendors.

With RSAREF, applications may now be developed and sold that incorporate privacy-enhanced mail's authentication

and encryption capabilities. Christopher Allen, President of Consensus Development, adds "The PEM standards have been under development for a couple of years and only now are coming to fruition. The ability to offer both freeware developers and commercial software vendors a license to RSAREF will kickstart the adoption of privacy-enhanced mail software."

RSAREF is a trademark of RSA Data Security, Inc.

PLATFORMS SUPPORTED

All

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



420 N. Mary Ave.
Sunnyvale, CA 94086

SALES CONTACT:

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Fax: (408) 774-4015

info@genmagic.com

<http://www.genmagic.com>

TELESCRIPT™

General Magic's Personal Intelligent Communicators are designed to help people organize their lives, learn more effectively, communicate with other people, play and have fun, and know more about their world. Telescript is a powerful object-oriented programming language developed by General Magic to promote the widespread use of secure, intelligent electronic agents. Telescript is to networking what PostScript® is to

printing. Communicating applications built with Telescript will go beyond traditional electronic mail to provide systems supporting electronic commerce, transaction services and electronic data interchange.

General Magic's developers used RSA's BSAFE® Cryptography Toolkit to provide Telescript with advanced encryption and digital signature features based on the patented RSA Public Key Cryptosys-

tem® and RSA's RC4® symmetric stream cipher, the fastest encryption scheme commercially available. RSA's technology is crucial to ensuring the security of data on the General Magic's Magic Cap™ platform and traveling over AT&T's PersonaLink™ Services, a new network based on Telescript.

PLATFORMS SUPPORTED

Magic Cap™

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



**National Semiconductor
Corporation**
1090 Kifer Road
Mail Stop 16-225
Sunnyvale, CA 94086-3737

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Sandy Sanderson
Phone: (408) 721-6601
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sandy@ipower.nsc.com
<http://www.nsc.com>

DEVELOPERS' TOOLKITS FOR IPOWERS SECURITY CARDS

iPower technology™ embeds RSA digital signatures, message digests and encryption functions in a PCMCIA 2.1 compliant, personal, portable hardware token. iPower products have applications in data security, secured electronic messaging, workflow, electronic commerce, and information metering.

Hardware tokens protect the private keys of the RSA encryption algorithm using secure packaging technologies. We feel that public key hardware technology can enable secure, cost-effective electronic commerce.

PLATFORMS SUPPORTED

Windows, Macintosh

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509, DES

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor



RSA Data Security, Inc.
 100 Marine Parkway
 Suite 500
 Redwood City, CA 94065

SALES CONTACT:

Phone: (415) 595-8782

Fax: (415) 595-1873

info@rsa.com

<http://www.rsa.com>

BCERT

Until now, building certificate management engines was a difficult – and often risky – chore for the secure applications developer. RSA's new BCERT toolkit makes it easy. With BCERT, you can add full-functioned certificate issuing to just about any RSA-secured application – and with the confidence that's it's been build and tested by the most trusted name in cryptography.

RSA's BCERT provides full support for X.509 v3 certificate extensions and provides utilities for creating your own certificate extension types and incorporate them into BCERT's own extensions-processing engine. BCERT contains all of the cryptographic support to generate certificate requests, sign certificates and create and distribute certificate revocation lists (CRLs).

PLATFORMS SUPPORTED

Virtually all; ports to any platform available.

ENCRYPTION STANDARDS SUPPORTED

X.509 certificates, X.509 v3 CRL extensions, PKCS #10

EXPORTABLE VERSION AVAILABLE?

No

PRICING

\$290 (Multiple-user licences/packs available.)



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<http://www.rsa.com>

BSAFE 3.0

BSAFE 3.0 is the newest release of the world's most popular cryptography toolkit. Fully compatible with keys and data from previous versions, BSAFE 3.0 is a portable C programmer's toolkit that allows developers to intergrade state-of-the-art privacy and authentication features into virtually any application.

BSAFE 3.0 provides the programmer with a complete palette of the most popular

and trusted cryptographic algorithms, including Triple-DES, RC5, and of course the patented RSA Public-Key Cryptosystem™, the world-wide standard for Internet security. New in BSAFE 3.0 is support for the DSA SHA-1 U.S. government signature and hashing algorithms.

PLATFORMS SUPPORTED

\\Virtually all; ports to any platform available.

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), DES, S/MIME, S/WAN,

EXPORTABLE VERSION AVAILABLE?

No

PRICING

\$290 (Multiple-user licences/packs available.)



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SECURE PAY

RSA's new S/PAY developer's suite makes developing SET-compliant applications easy. With a just little help from RSA, you can significantly streamline your development effort and get your SET products to market fast. The S/PAY developer's kits provide a high level library for quick development of SET applications, sample code to illustrate the capabilities of each, and test

tools to road-test and debug your SET cardholder, merchant, and acquirer applications. Multiprocessor and multi-thread safe, the S/PAY developer's kits provide developers with a comprehensive set of modules for SET-compliant cryptographic signing and enveloping operations.

PLATFORMS SUPPORTED

Virtually all; ports to any platform available.

ENCRYPTION STANDARDS SUPPORTED

A complete implementation of the SET protocol

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Please contact RSA Sales



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TIPEM 2.0

Using RSA's TIPEM 2.0, you can quickly and easily develop secure, interoperable messaging applications. TIPEM 2.0 includes a comprehensive library of function calls to support the industry-adopted S/MIME secure messaging standard. RSA digital envelopes and signatures are provided through TIPEM's flexible C object code modules that support the popular DES, Triple-DES and RC5

block ciphers, as well as sophisticated X.509 certificate management functions. The TIPEM 2.0 toolkit is also re-entrant, a necessity in today's multitasking operating environments. Written entirely in portable C, TIPEM is available on a wide variety of platforms, and assembly language optimizations are included for many popular microprocessors.

PLATFORMS SUPPORTED

Virtually all; ports to any platform available.

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509, DES, S/MIME

EXPORTABLE VERSION AVAILABLE?

No

PRICING

\$290 (Multiple-user licenses/packs available.)



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10320 Little Patuxent Pkwy
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Columbia, MD 21044

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<http://www.spyrus.com>

SPEX / DEVELOPERS KIT (SDK)

SPEX/ is a low-level cryptographic library which provides a robust API for security-aware applications. When bundled with various other products (cards, readers) and services (technical support), the SDK allows developers to be productive in the shortest time possible. Three versions of the SDK are available — Gold, Silver and Bronze — depending on your requirements.

PLATFORMS SUPPORTED

Virtually all

ENCRYPTION STANDARDS SUPPORTED

PKCS, PEM, DES,
Triple DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Starting under \$1,000. Contact SPYRUS for additional info.



Terisa Systems
800 El Camino Real
Menlo Park, CA 94025

SALES CONTACT:

Patrick McGill

V.P. Sales and Marketing

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SECUREWEB™ VIEWER TOOLKIT & SECUREWEB™ SERVER TOOLKIT

Terisa Systems' SecureWeb technology makes it possible to use the World Wide Web Internet architecture for commercial transactions by enabling digital signatures and by protecting valuable information against tampering or uninvited observers. It is suitable for a wide variety of applications, such as purchasing via credit card, selling or registering stocks, signing business contracts, or securing medical information.

The SecureWeb Viewer and Server Toolkits are designed to be used by developers of World Wide Web applications. They provide a tested, ready-to-use implementation of the Secure-HTTP protocol, a security-enhanced version of the World Wide Web's internal communication language, HTTP. The toolkits contain an API library, application examples and a test suite. The API library provides the protocol implementation, cryp-

tography functions and security management functions.

RSA public key encryption and digital signature technologies are integrated into SecureWeb to provide message privacy and authentication. A variety of other cryptosystems are also supported.

PLATFORMS SUPPORTED

Windows, Mac, Sun, IRIX, HP/UX, AIX, DEC OSF/1

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), RSA (PEM), X.509, DES, RSA (S-HTTP)

EXPORTABLE VERSION AVAILABLE?

Planned

PRICING

\$3000. Call for information about distribution licenses.

Electronic Commerce & EDI



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Andover, MA 01810

SALES CONTACT:

Mike Powers

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Fax: (508) 691-3186

michael.d.powers@att.com

INFORMATION VENDING ENCRYPTION SYSTEM (IVES)™

The AT&T Bell Laboratories - Information Vending Encryption Systems (IVES)™ platform is a systems-based solution designed to secure a variety of electronic commerce applications and services. The IVES platform allows the secure transport, distribution and storage of many types of electronic property. IVES technology can be integrated into a variety of products, and can be used on any network, public or private, satellite or terres-

trial. IVES technology can also secure physical media, such as CD-ROM, floppy or hard drives and other forms of electronic memory, storage and end user devices.

The IVES premise is that security must be economical or widespread commercial use will be limited. The IVES chip incorporates functionality such as shared processor, memory, I/O and industry standard interfaces (ISA/PCMCIA). Each IVES chip con-

tains a unique cryptographic address and corresponding secret key known only to that chip. Access to the chip is securely controlled by the IVES security kernel firmware. The IVES platform uses a variety of secure technology including public/private key algorithms licensed through RSA, DES and AT&T security technology. The combination of the IVES chip and AT&T developed IVES software result in a complete security solution.

PLATFORMS SUPPORTED

Windows

ENCRYPTION STANDARDS SUPPORTED

DES, RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor



COMMERCE.NET

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Menlo Park, CA 94025

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COMMERCE.NET

CommerceNet is a consortium of technology-oriented companies and organizations whose charter is to facilitate the use of an open Internet-based electronic marketplace for business-to-business applications. Consortium members include leading companies in electronics, computer, financial service and information service industries, and other companies and organizations committed to electronic commerce.

CommerceNet members have access to reference implementations of security-enhanced Internet World Wide Web server and client software. The reference implementations utilize EIT's Secure HTTP™ which incorporates RSA's TIPEM software to allow secure transactions on the World Wide Web.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

RSA (PEM), DES, RSA (PKCS), X.509

EXPORTABLE VERSION AVAILABLE?

N/A

PRICING

Contact vendor



CONNECT, Inc.
515 Ellis Street
Mountain View
CA 94043-2242

SALES CONTACT:

Pat Quirk

Phone: (415) 254-4000

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<http://www.connectinc.com>

ORDERSTREAM™

CONNECT provides Internet-based Order Management and Interactive Commerce applications for companies that want to leverage the Internet as a new sales channel.

CONNECT's OrderStream is an Internet-based Virtual Sales Channel designed for business-to-business resellers and distributors. The OrderStream solution is the industry's only Internet-based Order Management application for business-to-business transactions.

OrderStream is a complete packaged application built on Connect's OneServer platform, deployable with minimal customization to support a full sales and distribution channel over the internet.

PLATFORMS SUPPORTED

UNIX: HP-UX, Sun Solaris

ENCRYPTION STANDARDS SUPPORTED

RSA (SSL)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

**CyberCash**

CyberCash, Inc.
2100 Reston Parkway
Suite 430
Reston, VA 22091

SALES CONTACT:

Patti McCaffrey

Phone: (415) 594-0800

Fax: (415) 594-0899

mccaffrey@cybercash.com

<http://www.cybercash.com>

SECURE CREDIT CARD AND SECURE CASH SERVICES

SECURE CREDIT CARD SERVICES

CyberCash security is client and server software independent. Users' credit card numbers are encrypted at their desktop and sent to merchants in encrypted format. Merchants do not view credit card numbers, just forward them to the CyberCash server for authorization.

SECURE CASH SERVICES

This service enables users to send cash to anyone on the Internet. Users open their CyberCash accounts, "load" them by moving money from their checking accounts, and then spend the money in their CyberCash accounts to make purchases or make transfers to others. Users can then transfer the unused cash back into their checking accounts.

PLATFORMS SUPPORTED

PC UNIX, SunOS, Solaris

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Consumer and merchant software are free of charge.



Elcom Systems, Inc.
 400 Blue Hill Drive
 Westwood, MA 02090

SALES CONTACT:

Elisa Warren

Phone: (617) 407-5000

Fax: (617) 407-5063

<http://www.elcom.com>

PECOS (PERSONAL ELECTRONIC CATALOG AND ORDERING SYSTEM)

PECOS - Elcom Systems' Personal Electronic Catalog and Ordering System - is a complete business system for providing manufacturers, distributors, and direct marketers the means to create full-circle computer-based business-to-business transactions, including display pages, databases, and intelligent business forms. PECOS lets end-user customers view product, pricing and related information, select items, and order products di-

rectly via their PC.

The PECOS front end comprises the presentation and communications programs that run on a desktop PC or client workstation. The PECOS back end is the server system that runs the various processes which facilitate data communications between buyers and sellers' legacy order processing systems.

PECOS is more than an application; it is a comprehensive business system contain-

ing all of the tools - including a robust development environment - for building and managing secure electronic commerce. In such a sensitive environment, all communications between the PECOS front end and back end, whether dial-in or via the Internet, can be encrypted with RSA's public-key encryption security.

PLATFORMS SUPPORTED

Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

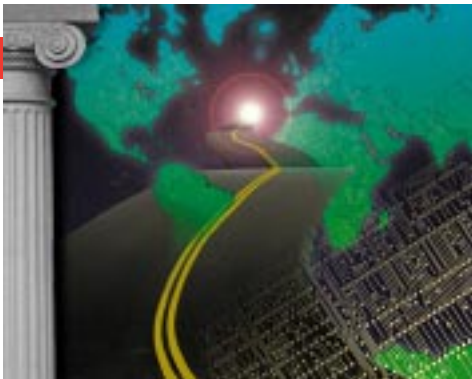
PKCS

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Premenos

Premenos
1000 Burnett Avenue,
Second Floor
Concord, CA 94520

SALES CONTACT:

Kevin Thornton
Phone: (800) 426-3836
Fax: (510) 602-2024
info@premenos.com

TEMPLAR™

Templar™ is a unique and powerful software product that enables the secure transmission of EDI documents over open networks, including but not limited to the Internet. With Templar, businesses will realize a significant increase in EDI transmission speed, capacity and security, while dramatically lowering their costs.

The Templar software incorporates RSA Data Security's airtight encryption technology into a "secure mailer" that

digitally signs each EDI document, using public/private key pairs. This process ensures the authenticity, non-repudiation (of sender and recipient), integrity and privacy of every transmission. Templar operates with most EDI translators and conforms with UN/EDIFACT standards. The product includes the following performance features:

- Fully automated logging, tracking, archiving and reporting of EDI interchanges

- Graphical user interfaces for trading partner management
- Key management system for the receipt and distribution of trading partner keys
- Job monitor system for up-to-the-minute process management
- Automatic notification of receipt for each transmission

PLATFORMS SUPPORTED

AIX/6000, HP/UX, SunOS, Solaris, Windows

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Release Software
200 Middlefield, Suite 202
Menlo Park, CA 94025

SALES CONTACT:

Helen Nigg

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helen@releasesoft.com

<http://www.releasesoft.com>

SALES AGENT

Sales Agent allows software developers and retail distributors the ability to create time- or feature-limited trial software and then walks the user through a simple registration and sales process after the trial is over. Within moments the software is unlocked and fully functional.

PLATFORMS SUPPORTED

Mac, Windows,
Windows NT

ENCRYPTION STANDARDS SUPPORTED

DES

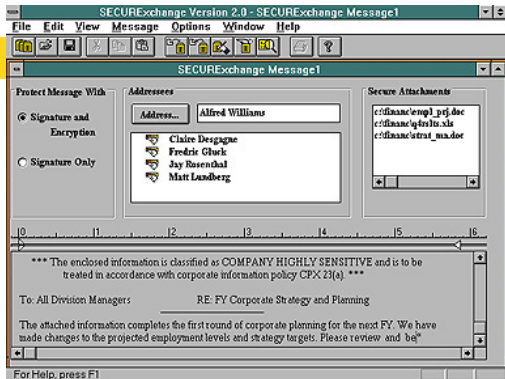
EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor for
more information

E-mail, Groupware, Forms & Workflow



AXENT

AXENT Technologies
2440 Research Boulevard
Rockville, MD 20850

SALES CONTACT:

SECURExchange Product Sales

Phone: (800) 298-2620 ext. 509

Fax: (801) 225-7684

luawel@axent.com

OMNIGUARD™ / SECUREXCHANGE

SECURExchange is an add-on product used to enhance the security of your existing electronic mail and messaging applications. It incorporates RSA technology to secure, package and digitally sign messages and attached documents. SECURExchange also includes a set of administration tools which allows an organization to issue and maintain its own X.509 compliant certificates. Public/private key pairs are generated by the end-user,

placed in a certificate request file, then electronically sent to the organization's Certificate Approval Authority where they are notarized. SECURExchange is closely integrated with the standard client front-end of your electronic mail system so the process of protecting a message is simple for end-users. Certificate names and information are transparently tied to the e-mail address list so double addressing of secure envelopes is not necessary. RSA

encryption technologies have enhanced SECURExchange by allowing the protection of documents and the exchange of keys in a way that matches how people actually use electronic mail. Being able to secure information and exchange it without having to contact the recipient (as one would have to do with private key encryption) provides a useful service to many organizations who rely on e-mail as a critical tool for business applications.

PLATFORMS SUPPORTED

Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Starts at \$495 for a 10-user license

COLLABRA SHARE



COLLABRA

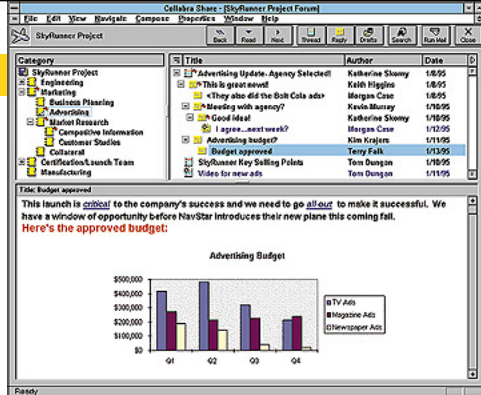
Collabra Software
1091 North Shoreline Blvd.
Mountain View, CA 94043

SALES CONTACT:

Phone: (800) 474-7427

Fax: (415) 940-6440

info@collabra.com

<http://www.collabra.com>

COLLABRA SHARE

Collabra Share is the first electronic forum to make it simple and affordable to integrate, organize and discuss group information using existing networks, applications and data. Members of the workgroup can use Collabra Share or electronic mail to contribute information to a forum, respond to the contributions of others and find information quickly. Collabra Share's network independence and tight

integration with e-mail make it the only electronic forum to span system, geographic and organizational boundaries.

Collabra Share employs RSA's RC4 Stream Cipher encryption technology as part of a comprehensive security model designed to ensure that information remains accessible only to authorized users.

PLATFORMS SUPPORTED

Netware, Windows, Windows NT, Banyan

ENCRYPTION STANDARDS SUPPORTED

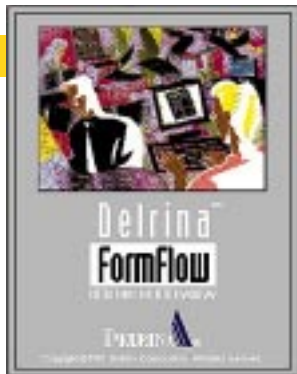
RC4

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$69 per user for 100-user license



Delrina Corporation
6830 Via Del Oro, Suite 240
San Jose, CA

SALES CONTACT:

Ben Slick

Phone: (408) 363-2345

Fax: (408) 363-2340

DELRINA FORMFLOW

New Delrina FormFlow™: superior forms technology that allows you to quickly and easily create applications that route forms over your existing e-mail system. Based on the award-winning PerForm PRO Plus™, Delrina FormFlow is the most powerful and flexible forms processing software available. Delrina FormFlow easily integrates seamlessly with your e-mail systems including Lotus cc:Mail, Lotus Notes Mail v.3.0, Microsoft

Mail, DaVinci eMail and BeyondMail. Send forms sequentially or broadcast them using your e-mail address list. Flexible packaging options, such as including pointers to centrally stored data, maximize network throughput.

Using the Intelligent Forms Language™ (IFL), a powerful, high-level language, you can develop custom applications that route forms intelligently and automatically based on rules and conditions you set.

Each form can have direct read/write links to virtually any combination of desktop and SQL databases.

Ensuring the integrity of data as it is routed around an organization via e-mail is essential to implementing a successful automated business solution. RSA Digital Signatures ensure that information entered on a form is accurate, protected and can be validated wherever that form travels in the automated process.

PLATFORMS SUPPORTED

DOS, Mac, HP/UX, SunOS, Solaris, Windows

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

N/A

PRICING

Contact vendor

ENTERPRISE SOLUTIONS LIMITED

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Phone: (805) 449-4181

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Compuserve 70410.2746

ES/SECURE FOR ENTERPRISE MAIL

ES/Secure and Enterprise Mail 400 together form a complete X.400 '88 e-mail implementation that includes sophisticated RSA encryption, verification and digital signature features.

The RSA technology allows ESL to deliver a secure mail product to its commercial and government customers that can be safely used to deliver and manage the flow of information throughout the enterprise.

PLATFORMS SUPPORTED

DOS, Mac, UNIX, Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.400 (88), X.500, X.509

EXPORTABLE VERSION AVAILABLE?

No

PRICING

\$20 to \$200 per user
depending on quantity



F3 Software Corporation
Cypress Plaza
6365 NW 6th Way, Suite 320
Ft. Lauderdale, FL 33309

SALES CONTACT:
Gianni Molina
Phone: (305) 489-3200 x122
Fax: (305) 489-3220

F3 FORMS AUTOMATION SYSTEM

The F3 Forms Automation System allows users to fill out and route forms on networked personal computers. A form is created and programmed in the development environment called F3 Design and Mapping. This product uses a powerful programming language called BLADE to specify field calculations, displays, routing, security, and hidden fields. The same form template can be filled out by users on DOS

or Windows (soon Macintosh too) using the end-user F3 Fill product. The application integrates with major electronic mail products and interfaces to route forms among users. It also integrates with virtually all major database products on PCs, minicomputers, and mainframes so that forms can be used as front-ends to corporate data. The RSA security technology provides digital signatures and privacy of sensitive data.

F3 Software has more experience with drawing of forms by computer than any other company offering forms automation. Its ProDesigner product is the standard for composition of pre-printed forms, and has been used in the creation of hundreds of thousands of forms.

PLATFORMS SUPPORTED

DOS, Mac, Windows

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$295



GlobalKey, Inc.
P.O. Box 1817
Colorado Springs, CO 80903

SALES CONTACT:
Brenda Kallighan
Phone: (719) 633-7677
Fax: (719) 633-7626
acctexe@globalkey.com
<http://www.globalkey.com>

GLOBALKEY

GlobalKey is a secure data communications service that allows worldwide communications with local access in 494 US Cities and 141 international cities. Communications are protected by multi-level security including sophisticated encryption, digital signatures, and automated key management.

PLATFORMS SUPPORTED

Windows

ENCRYPTION STANDARDS SUPPORTED

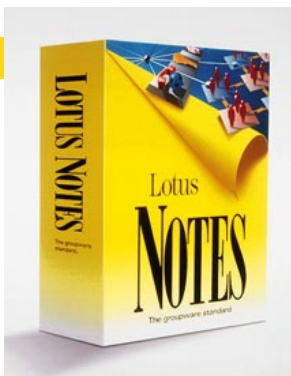
RSA (S/MIME), X.400 family, X.509, GKI System Standard

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$12.95/month



Lotus®

Lotus Development Corp.
55 Cambridge Parkway
Cambridge, MA 02142

SALES CONTACT:
Phone: (800) 346-1305
Fax: (617) 693-0968

LOTUS NOTES

Lotus Notes collects, stores, distributes and displays textual and graphic information among members of work groups. It organizes information in databases by means of "forms" and "views", which users themselves define as different ways of looking at the same body of information.

Notes is both a development platform and an information-sharing environment, incorporating the benefits of electronic mail, bulletin board and con-

ference software while going well beyond all of them in functionality. Notes employs client/server models to interconnect personal computers over local and wide area networks. It employs automatic database replication and mail routing at pre-specified intervals to distribute information among servers.

Lotus Notes has become the defacto standard for groupware software. Notes addresses the problem of secu-

urity with a combination of advanced RSA encryption and authentication technologies that is unique among commercial software packages designed for microcomputers.

PLATFORMS SUPPORTED

Windows, Macintosh, OS/2

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

**RIPEM Development
Team**

news: alt.security.ripem
ftp://ripem.msu.edu/
pub/crypt/ripem

SALES CONTACT:

ftp://ripem.msu.edu/
pub/crypt/ripem /
GETTING_ACCESS

RIPEM

RIPEM is "Riordan's Internet Privacy-Enhanced Mail," a set of tools for adding messaging security according to the PKCS and Internet PEM standards. RIPEM 3.0 implements X.509 certificates, certification hierarchies and CRLs.

Built on top of RSAREF, RIPEM uses RSA, MD2, MD5, DES-CBC and "triple" DES-CBC. With PKCS support, RIPEM can be used by an e-mail program to create S/MIME-compliant messages.

RIPEM also comes with sample command-line applications to generate keys, process messages, and manage certification information.

All source code is provided to US and Canadian customers only (due to export restrictions). However, a "signature-only" version, called RIPEM/SIG, in binary form only, is available on some platforms for export.

PLATFORMS SUPPORTED

Virtually all

ENCRYPTION STANDARDS SUPPORTED

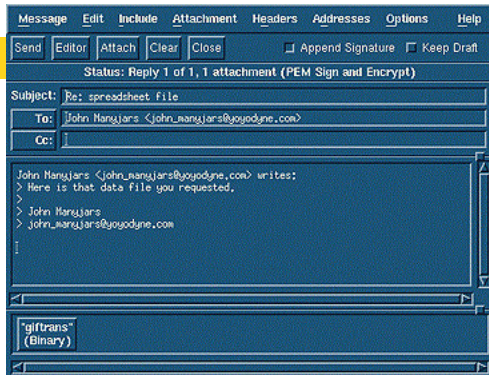
RSA (S/MIME), RSA (PKCS),
RSA (PEM), X.509, DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Public domain (except for
RSAREF)



SECUREMAIL



SecureWare, Inc.
 2957 Clairmont Road
 Suite 200
 Atlanta, GA 30329-1647

SALES CONTACT:

Richard Gluck
 Phone: (404) 315-6296
 Fax: (404) 315-0293
 info@sware.com
<http://www.secureware.com>

SecureMail

SecureMail is the smart choice for securing electronic mail traffic in today's world. SecureMail positively identifies the sender and receiver, ensures that messages arrive exactly as they were sent, and encrypts the messages so that only the intended recipients can read them. SecureMail uses advanced cryptographic algorithms, developed by RSA Data Security, Inc., to ensure the confidentiality, integrity, and authentication of your

Email correspondence, yet it's easy to use. Because the security functions operate transparently, you simply point and click on the SEND and READ buttons to exchange digitally signed and encrypted Email.

SecureMail delivers the secure Email features that you've been looking for:

- ease of use through an intuitive graphical user interface and on-line help
- address books with groups and nicknames

- a spelling checker
- automatic word wrap while composing messages
- multiple folders for filing messages
- powerful message searching and sorting
- support for multimedia attachments (MIME)
- complies with PEM and MIME standards

PLATFORMS SUPPORTED

PC UNIX, AIX/6000,
 HP/UX, SunOS

ENCRYPTION STANDARDS SUPPORTED

RSA (PEM)

EXPORTABLE VERSION AVAILABLE?

No

PRICING

\$195, volume discounts are available



Trusted Information Systems
3060 Washington Road
(Route 97)
Glenwood, MD 21738

SALES CONTACT:

Phone: (301) 854-6889

Fax: (301) 854-5363

netsec@tis.com

<http://www.tis.com> tis

TRUSTED MAIL™

Trusted Mail is an electronic mail system that provides security protection between users in wide-area E-mail systems for sensitive information. Security protection includes data integrity, originator authentication with non-repudiation (digital signature), and (optional) message confidentiality.

Trusted Mail comprises a number of distinct computer programs that work together to create, send, receive and read

RFC 822 and MIME compliant E-mail messages. The system processes incoming and outgoing messages for presentation and transmission, and manages all cryptographic operations (e.g., key management, encryption, decryption) required to support the user's privacy and security requirements. Trusted Mail uses both symmetric and asymmetric cryptography (i.e., secret key and public key, respectively) to support security protection.

Trusted Mail uses the DES algorithm to provide confidentiality of E-mail, and the RSA algorithm with up to a 1024-bit key length for key management and sender authentication. TIS also produces an exportable version, Trusted Mail (International).

PLATFORMS SUPPORTED

SunOS, BSD UNIX, SVR4
UNIX, DOS, Windows

ENCRYPTION STANDARDS SUPPORTED

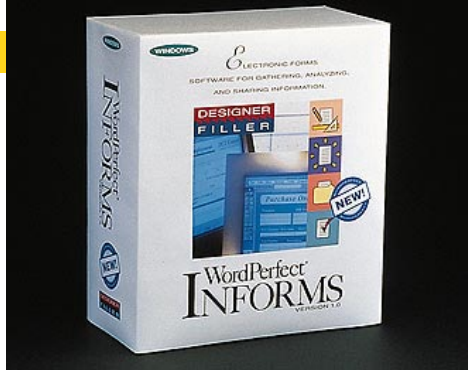
RSA (PKCS), RSA (PEM),
DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



WordPerfect®

Novell Applications Group

WordPerfect, the Novell Applications Group

1555 N. Technology Way
Orem, Utah 84057

SALES CONTACT:

Your local Authorized
Novell Reseller — or call
Novell GroupWare
Product Information
Phone: (800) 861-2507
Fax: (801) 222-5077

INFORMS™

InForms™ consists of three applications: Designer, Filler, and Security. Combined, these applications provide the complete solution to forms handling, whether electronic or printed.

For forms that require an authorized signature for approval, InForms includes an RSA electronic signature feature. The electronic signature protects forms from unauthorized changes. There is also TamperSeal, which detects

any tampering with protected information.

InForms supports SQL databases like Sybase, Oracle, Informix, XDB, Netware SQL, and Microsoft SQL, and will even create database files for dBASE, Paradox, Clipper, FoxPro, Btrieve, and DataPerfect.

InForms utilizes RSA technology for its electronic signature and TamperSeal features. With RSA technology, InForms achieves an airtight data integ-

riety system that provides the confidence which users require for sensitive data.

PLATFORMS SUPPORTED

DOS, Macintosh, Windows

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$495 for Designer/Filler package, \$95 for Filler only license

Firewalls, Remote Access & TCP/IP



Algorithmic Research, Ltd.

15 Gush Etzion St.

Givat-Shmuel 54030, Israel

Subsidiaries: Germany,

Singapore, U.K.

SALES CONTACT:

David Tolkowsky

Phone: +972-3-532-2799

Fax: +972-3-532-2650

75600.1640@compuserve.com

DATA-SECURITY SOLUTIONS FOR LARGE INFORMATION SYSTEMS

Access control, two-way authentication of participants, data authentication, data encryption. Using hybrid DES/ RSA schemes. Software-only and software + hardware implementations.

SECURITY ADD-ONS FOR DATA COMMUNICATION:

- ^{AR}Crypto3270: PC-to-host
- ^{AR}CryptoMain: host connectivity
- ^{AR}CryptoLAN: remote LAN access

- ^{AR}CryptoMail: add-on to popular email
- ^{AR}CryptoCom: cross-platform file transfer

LOCAL SECURITY:

- ^{AR}DISKrete: local PC security, including disk encryption

HARDWARE-BASED CRYPTOGRAPHIC SERVERS:

- ^{AR}CryptoSafe (see photo): intelligent smartcard reader, connected between PC and keyboard and performs sensi-

tive cryptographic functions internally. 1024-bit RSA signature in less than one second. Internal PC version available.

- ^{AR}CryptoServer: dedicated cryptographic server for large transaction volumes on TCP/IP networks. May also serve as cryptographic back-end to host.

PLATFORMS SUPPORTED

DOS, Windows, OS/2, NT, UNIX, VMS, others

ENCRYPTION STANDARDS SUPPORTED

DES, RSA (PKCS), X.509

EXPORTABLE VERSION AVAILABLE?

Yes (products available worldwide)

PRICING

\$350 for AR CryptoSafe.
Call for other AR products.



ANS, Inc.
1875 Campus Commons
Drive, Suite 220
Reston, VA 22091

SALES CONTACT:

ANS Sales
Phone: (800) 456-8267
Fax: (703) 758-7717
info@ans.net

ANS INTERLOCKSM

ANS InterLock is a tool to develop and enforce network security policy. ANS' turn-key, hardware and software systems offer easy administration, provide strong password management controls and conform to industry security standards. Though initially developed to protect private LAN(s) at the point of public Internet connectivity, ANS InterLock works equally well in segmenting portions of an organization's internal network.

ANS InterLock acts as a store-and-forward SMTP gateway to protect the private network, thus ensuring end-to-end service transparency to hide the details of the protected network's structure. Furthermore, ANS InterLock acts as a network time protocol server and provides audit logs of usage and resource accounting information. It can also be configured to support other types of user authentication (smart card technologies) and

is capable of "InterLock-to-InterLock" encryption in conjunction with the parameters of its Access Control Rule Base.

In an upcoming release, ANS InterLock will utilize the public key encryption as the basis for securing its key management protocols. This technology will enable ANS to provide higher quality, more readily manageable, secure key management than possible with non-public key approaches.

PLATFORMS SUPPORTED

AIX/6000, Sun

ENCRYPTION STANDARDS SUPPORTED

DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Atalla
A Tandem Company
 2304 Zanker Road
 San Jose, CA 95131-1196

SALES CONTACT:
 Mark Pickens
 Phone: (408) 435-5389
 Fax: (408) 435-1116
pickens_mark@tandem.com
<http://www.tandem.com/prod/atalla.html>

INTERNET SECURITY PROCESSOR (ISP)

Atalla's Internet Security Processor (ISP) hardware-based security module supports both asymmetric (i.e. RSA) as well as symmetric (i.e. DES, RC4) based cryptographic services. These services include key management, personal identification, entity identification, non-repudiation, data privacy and data integrity. Specific functions include DES to DES, DES to RSA, RC4 to DES, RSA to DES, digital signature, digi-

tal envelopes and X.509 certificates.

Inherent to any cryptographic security system is a robust and easily used key management architecture. Atalla's ISP was designed with this as a fundamental building block and incorporates a key management scheme that addresses the needs for generation, distribution, and storage of both asymmetric and symmetric keys. This implementa-

tion eases the administration of keys.

Encased in a physically and logically secure environment, the ISP facilitates integration between the Internet global network and existing/traditional financial networks providing secure transaction processing to the Internet's electronic commerce initiation.

PLATFORMS SUPPORTED

TCP/IP Over Ethernet

ENCRYPTION STANDARDS SUPPORTED

RSA (PEM), RSA (PKCS),
 DES, X.509

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$12,500



Digital Equipment Corp.
111 Powdermill Road
Maynard, MA

SALES CONTACT:

Phone: (800) 336-7890

or (508) 392-9319

Fax: (508) 392-0603

<http://www.elcom.com>

ALTAVISTA™ TUNNEL WORKGROUP EDITION

For secure organization-to-organization collaboration or telecommuting across untrusted networks, the AltaVista Tunnel Workgroup Edition establishes encrypted, application independent, IP sessions with either AltaVista Tunnel Personal Edition users or other Workgroup Editions. And, with firewall independence, the security does not have to end at a firewall.

RSA public key cryptography is used for the mutual authentication of the tunnel endpoints; RSA RC4 private key cryptography is used for the packet transfer across the IP network; and RSA MD5 integrity checking ensures that no data has been tampered with en route.

Licenses for either 50 (\$995) or 200 (\$1,995) concurrent tunnels are available for Intel

(Windows NT; BSDI UNIX); a 512 concurrent tunnel license (\$2,495) is also available for Alpha (Digital UNIX) platforms.

PLATFORMS SUPPORTED

UNIX, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (RC4), RSA (MD5)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

See product description



Digital Equipment Corp.
111 Powdermill Road
Maynard, MA

SALES CONTACT:

Phone: (800) 336-7890

or (508) 392-9319

Fax: (508) 392-0603

<http://www.elcom.com>

ALTAVISTA™ TUNNEL PERSONAL EDITION

For secure remote access and telecommuting across untrusted networks, the AltaVista Tunnel Personal Edition establishes encrypted, application independent, IP sessions with the AltaVista Tunnel Workgroup Edition.

RSA public key cryptography is used for the user-based authentication of the tunnel end-points. User-based authentication allows for tunneling even when you are dynamically allocated a new IP

address when connecting from a new location.

RSA RC4 private key cryptography is used for the packet transfer across the IP network; and RSA MD5 integrity checking ensures that no data has been tampered with en route. A single tunnel license is available for \$99 on Windows NT or Windows 95.

The AltaVista tunnel is compatible with all major firewalls.

PLATFORMS SUPPORTED

Windows 95, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (RC4), RSA (MD5)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$99 / single tunnel license



FTP Software, Inc.
100 Brickstone Square
Andover, MA 01810

SALES CONTACT:

Phone: (508) 685-4000

Fax: (508) 794-4488

info@ftp.com

<http://www.ftp.com>

ONNET FOR WINDOWS

OnNet for Windows is a full-featured networking solution providing the built-in flexibility you expect with advanced applications, services, and protocol technology you need. This PC-to-Enterprise solution bridges the gap between workgroup simplicity and enterprise functionality.

Based on FTP Software's world-class VxD technology, OnNet lets you install either the OnNet applications and kernel together, or install just the applications over other TCP/IP stacks, such as Windows NT and Windows 95.

PLATFORMS SUPPORTED

Windows, Windows 95, Windows NT, Win. for Workgroups

ENCRYPTION STANDARDS SUPPORTED

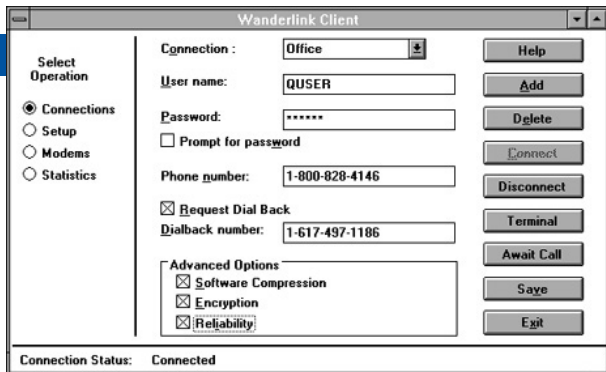
RSA (S-HTTP), RSA (SSL), Kerberos

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Funk Software
222 Third Street
Cambridge, MA 02142

WANDERLINK

SALES CONTACT:

Technical Sales Representative

Phone: (617) 497-6339

Fax: (617) 547-1031

WANDERLINK

WanderLink is a high-performance remote access solution that lets remote PC users dial in over standard phone lines to a NetWare network. Once connected, you become a node on the network, gaining access to resources such as file servers, printers, and email. Plus, you can use the powerful remote control capability included in this package to take over and operate any PC on the network.

WanderLink runs as an NLM on a Novell file server, so it's a cost-effective way to give authorized users access to network resources. WanderLink lets a remote user connect from DOS or from a Windows session, and includes state-of-the-art security features such as NodeID™ and domain filtering.

WanderLink also uses Diffie-Hellman key agreement and RC4™ data encryption from

RSA Data Security to guarantee privacy of communications across phone lines.

PLATFORMS SUPPORTED

DOS, NetWare, Windows

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

N/A

PRICING

\$295 - \$1,695



Hilgraeve

Hilgraeve
111 Conant Avenue, Suite A
Monroe, MI 48161

SALES CONTACT:

David Witkowski

Phone: (313) 243-0576 ext. 13

Fax: (313) 243-0645

hilgraeve@aol.com

Compuserve: GO HILGRAEVE

SECURE HYPERACCESS

Secure HyperACCESS is communications software for asynchronous communications and remote control via modem, ISDN telephone deskset, networked or RS232 connections. Secure HyperAccess uses RSA Data Security's BSAFE toolkit to generate public/private key pairs for data encryption. Files are automatically encrypted using an RSA RC2 key generated by the receiver and sent to the sender encrypted with the sender's

RSA public key. HyperGuard on-the-fly virus detection provides additional security. Other features include remote control or access for both the DOS and OS/2 platforms, async terminal emulation for DEC, IBM, and Televideo, file transfer with Xmodem, Kermit, Ymodem, Zmodem, CompuServe B or HyperProtocol, strong BBS-like answer mode for WAN and polling applications, script language and learning capability.

RSA encryption technologies enhance Secure HyperACCESS by giving end users the ability to transfer files over any media with the assurance that sensitive information will be safe. Secure HyperACCESS and HyperProtocol provide the fastest file transfer, so users gain security without performance penalties. Automatic encryption gives corporate users secure information transfers without having to specify an encryption process.

PLATFORMS SUPPORTED

DOS, OS/2

ENCRYPTION STANDARDS SUPPORTED

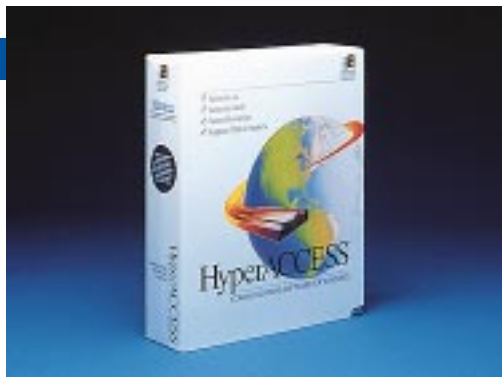
RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

DOS: \$199. OS/2: \$299.



Hilgraeve

Hilgraeve
111 Conant Avenue, Suite A
Monroe, MI 48161

SALES CONTACT:

David Witkowski

Phone: (313) 243-0576 ext. 13

Fax: (313) 243-0645

hilgraeve@aol.com

Compuserve: GO HILGRAEVE

HYPERACCESS FOR WINDOWS

HyperACCESS for Windows version 2.0 is a high performance communications program for fast, easy modem access, file transfer, and terminal emulation. HyperACCESS for Windows uses RSA Data Security's BSAFE toolkit to generate public/private key pairs for data encryption during file transfer. Files are automatically encrypted using an RSA RC2 key.

With HyperACCESS's Modular Communications Engine™

you get all the benefits of Windows without sacrificing performance or reliability. Other programs come with proprietary script languages; HyperACCESS automatically generates industry-standard C. HyperACCESS is also Language Coupled™ to Visual Basic, Microsoft C, Borland C++, and other programming languages through the HyperACCESS Application Programming Interface (HAPI). With HAPI, systems programmers can drive

HyperACCESS from their own applications. Other features include NASI and NCSI support, Winsock TCP/IP support, and an Internet session.

Experts say, "...extremely impressive in both power and features." PC Magazine. "...totally cool.... And it's fast." InfoWorld. "...fast, easy, powerful and enjoyable. The interface alone deserves an award Recommended." Windows Magazine.

PLATFORMS SUPPORTED

Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

N/A

PRICING

\$149 per single workstation license



IBM Corporation
4205 South Miami Blvd.
Research Triangle Park,
NC 27709

SALES CONTACT:
Tel: (800) IBM-3333 ext. IE200
askibm-rsvp@info.ibm.com
<http://www.ibm.com/Internet>

INTERNET CONNECTION SECURED NETWORK GATEWAY FOR AIX™

High functionality at a significantly lower price makes the newest version of the IBM firewall ideal for any size organization concerned with protecting its proprietary data when connected to unsecured networks, like the Internet. The firewall blocks unauthorized access to internal networks while allowing selective exchanges with outside networks. This means users can get all the tools and information they need — without

compromising the security of sensitive enterprise data.

- Handles powerful gateway authentication via proxy servers.
- Enables authorized users to seamlessly access Internet services through the SOCKS server.
- Provides a secure IP tunnel through which encrypted data flows from one firewall to another; encryption is available using a DES algorithm or using CDMF in an exportable

version.

- Delivers advanced filtering capability for controlling inbound and outbound traffic, secured and non-secured users, and local and routed messages.
- Conceals addresses of secure hosts from unauthorized users while helping secure hosts resolve addresses of non-secure network hosts.
- Supports "smart card" security devices for remote user authentication.

PLATFORMS SUPPORTED

AIX

ENCRYPTION STANDARDS SUPPORTED

DES, CDMF (for export)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$9,999

Data
Communications
LAN Times

BEST

OF SHOW
1995

LAS VEGAS


**Network Systems
Corporation**

7600 Boone Avenue North
Minneapolis,
MN 55428-1099

SALES CONTACT:

Pam Cronin (PR)

Phone: (612) 424-4888

Fax: (612) 424-2853

<http://www.network.com>

DATA PRIVACY FACILITY™

Data Privacy Facility (DPF) creates virtual private networks across shared facilities (e.g. Frame Relay, SMDS, ISDN, Internet). For example, trusted and private sessions can be established within a company or between companies across the Internet while safeguarding the addresses and data of the communicating hosts. Based on open standards, DPF creates a cryptographically-protected tunnel that will traverse multiple rout-

ing nodes transparently.

DPF can be configured to encrypt, compress, time stamp, or digitally sign packets and authenticate nodes across the network. Combined with NetSentry firewall language, packets may be selectively directed to multiple protected tunnels using different ciphers or sent in the clear. Now available as an option for Network Systems' BorderGuard™ and The Security Router™, DPF brings cost ef-

ficient encryption, compression, routing and firewall technology to the corporate site and small office.

Small offices using multiple protocols can rely on strict IP services like the Internet. If saving line costs is an important goal, DPF is the best bet to halt eavesdropping and data tampering in shared networks. Find out why Network Systems received Best of Show at Interop Spring 95 for this innovative technology.

PLATFORMS SUPPORTED

Security Router, BorderGuard

ENCRYPTION STANDARDS SUPPORTED

RSA (S/WAN), MD5, DES, 3DES, Diffie-Hellman, IDEA, NSC1

EXPORTABLE VERSION AVAILABLE?

Yes; non-encrypting / MD5 version available for France

PRICING

Contact vendor.



**Network Systems
Corporation**
7600 Boone Avenue North
Minneapolis,
MN 55428-1099

SALES CONTACT:
Pam Cronin (PR)
Phone: (612) 424-4888
Fax: (612) 424-2853
<http://www.network.com>

SECURITY ROUTER™ AND BORDERGUARD™

The Security Router™ and BorderGuard™ are two platforms coupling NSC's best-in-class cryptographic capabilities with its robust packet filtering firewall and multi-protocol internetworking and link connectivity options. The hardware architectures and common software make virtual private networking secure, simple and affordable. Ensuring the privacy of data on public shared media is realized through the SR/BG's cryptography suite called Data Privacy Facility™, which pro-

vides: RSA and Diffie-Hellman for network-based authentication and public/private key exchange; encryption via DES, Triple DES, IDEA & NSC1; Digital Signatures for integrity checking through MD5; and data compression prior to encryption for better link utilization.

The Security Router is best suited for cryptographic applications in the high-speed link and multiple LAN environments. It has support for 2-4 high-speed serial (T1/E1) interfaces, 2-4 Ethernet LAN inter-

faces, and a FDDI interface option. BorderGuard is best suited for cryptographic applications with link speeds in the 56/64 kbps or 128 kbps Basic Rate ISDN range and a single LAN. Each BG contains one Ethernet and three serial or ISDN interface card slots.

NSC also offers a separately licensed real-time, automatic, Internet attack detection software package known as NetStalker™ which works in conjunction with the Security Router and BorderGuard.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

DES, IDEA, NSC1

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Security Router: \$12,000-\$17,000; BorderGuard: starting at \$2,500


NEWBRIDGE

Newbridge Networks, Inc.
 593 Herndon Parkway
 Herndon, VA 22070-5241

SALES CONTACT:

John Woronczuk
 Phone: (703) 318-5774
 Fax: (703) 471-7080

3500 MAINSTREET TRANSMISSION ACCESS PLATFORM (TAP)

The 3500 EPM is an add-on security card for Newbridge's 3500 Mainstreet Transmission Access Platform (TAP). The EPM EI/TI based link encryption and key management at the DSO level is capable of handling synchronous and asynchronous data.

The EPM is fully networked managed requiring no front panel interaction. It supports up to 31 secure DSO sessions, thus allowing a single EPM to do the job of several traditional link encryption boxes.

The RSA algorithm is used for key management and certificate authentication through digital signatures.

PLATFORMS SUPPORTED

Link encryptor on separate platform

ENCRYPTION STANDARDS SUPPORTED

FIPS 140-1;
 endorsed by CSE

EXPORTABLE VERSION AVAILABLE?

No

PRICING

2 TI/CSU interfaces = \$8,700



OpenConnect Systems

2711 LBJ Freeway
Dallas, TX 75248

SALES CONTACT:

Bill Hawkins

Phone: (214) 484-5200

Fax: (214) 484-6100

whawkins@oc.com

<http://www.oc.com>

OPENUP™

OpenUp™ offers encrypted 3270 and 5250 terminal emulation with EHLLAPI: 3179G, 3279-S3G and 3472G graphics, VT220 emulation, and support for TCP/IP, IPX and LUI/RUI transports. OpenUp allows unlimited sessions to multiple hosts, "drag-and-drop" file transfer, provides a scripting language, APPC and CPI-C support, FTP client/server, and offers user-definable hot spots. OpenUp is the right choice for corporations

seeking a single vendor product to meet multi-vendor desktop demands for UNIX and PC-based systems.

The OpenConnect secure solution uses Diffie-Hellman Public Key Exchange to pass public keys between the OpenConnect Server and OpenConnect clients during TN session initiation. Following Public Key Exchange, symmetric private keys are mathematically derived, and DES encryption continues.

Users depending on inter- and intracompany electronic data interchange demand authentication, authorization, confidentiality, integrity and nonrepudiation. The OpenConnect approach offers two distinct advantages. Session Access Control (SAC), which guarantees that users are granted specific connectivity privileges, and Session Encryption, specifically addressing confidentiality requirements.

PLATFORMS SUPPORTED

OS/2, UNIX, Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

DES, RC4

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Raptor Systems, Inc.
69 Hickory Drive
Waltham, MA 02154

SALES CONTACT:

Mike Grandinetti

Phone: (617) 487-7700

Fax: (617) 487-6755

mgrandinetti@raptor.com

<http://www.raptor.com>

EAGLE FIREWALL

The Eagle firewall is a flexible application-level gateway that secures bidirectional communications through the public network, ensuring the best network security protection through user authentication and service authorization. Beyond simple packet filter protection, which security experts agree is only a basic line of defense, the Eagle application-level firewall serves as a proxy server for all nodes in the network.

The Eagle includes Secure-Connect™ virtual private networking to reduce leased line costs. It also offers powerful, centralized network security management and control through an advanced GUI that provides remote configuration; and real-time Suspicious Activity Monitor (SAM) to provide immediate notification of suspicious activity via audio, alarm, electronic mail, pager, fax, SNMP alert or any client

program. From the Eagle, network administrators can control all TCP/IP services.

PLATFORMS SUPPORTED

AIX/6000, HP/UX, SunOS, Solaris, Windows/NT

ENCRYPTION STANDARDS SUPPORTED

DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Raptor Systems, Inc.
69 Hickory Drive
Waltham, MA 02154

SALES CONTACT:

Mike Grandinetti

Phone: (617) 487-7700

Fax: (617) 487-6755

mgrandinetti@raptor.com

<http://www.raptor.com>

EAGLEREMOTE

The EagleRemote firewall from Raptor is the foundation for remote site, multi-level security. An add-on option to Raptor's core Eagle firewall Internet Security solution, EagleRemote provides the same robust security features - all of which can be controlled from a central location. It seamlessly integrates with the Eagle firewall solution to let network administrators secure communications across

private and public lines without impeding user productivity.

The EagleRemote firewall is the most flexible, easy-to-integrate network security solution available today, and is built for any size enterprise. Eagle supports standard Internet services, and is compatible with X.25, Token Ring, Ethernet and FDDI to ensure easy integration with your network infrastructure. Eagle also

has the best and longest track record supporting multiple platforms, including Sun Microsystems, Hewlett-Packard and IBM.

PLATFORMS SUPPORTED

AIX/6000, HP/UX, SunOS, Solaris, Windows/NT

ENCRYPTION STANDARDS SUPPORTED

DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



**Virtual Open Network
Environment**
12300 Twinbrook Parkway
Rockville, MD 20852

SALES CONTACT

Ray Hanner

Phone: (301) 881-2297

Fax: (301) 881-5377

<http://www.v-one.com>

SMARTWALL™

Virtual Open Network Environment now offers SmartWall, a more complete solution to address privacy and security needs when operating over public networks like the Internet.

SmartWall combines the best firewall available with strong user authentication via smart cards. The firewall portion of the product has been certified by Trusted Informa-

tion Systems (TIS), one of the leading companies in the area of computer and communications security. The strong user authentication portion of SmartWall uses V-ONE's SmartCAT product.

SmartCAT is Smart Computer-access Authentication Terminal. SmartCAT is "smart" because it uses ISO 7816 smart cards. RSA encryption and authentication technolo-

gies provide unbeatable cryptographic protection against eavesdropping and file tampering.

PLATFORMS SUPPORTED

All

ENCRYPTION STANDARDS SUPPORTED

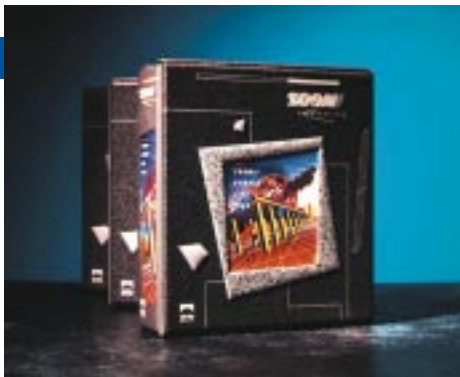
RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor



Zoomit Corporation
8150 Leesburg Pike
Suite 600
Vienna, VA 22182-2714

SALES CONTACT:

(800) 556-8252

Phone: (703) 883-8252

Fax: (703) 790-5933

info@zoomit.com

REMOTELINK PLUS

RemoteLink Plus delivers robust, secure remote messaging and file exchange between the Banyan VINES network environment and the leading Windows-based messaging clients. Remote messaging and file exchange is available with session encryption, strong authentication, key certification and public key management services. RemoteLink Plus enables full, configurable synchronization of message folders and their contents between

the LAN and the remote PC. The messaging, file exchange, security and synchronization functionality is all available over robust secure communication links including the Asynchronous Protocol Specification (APS) and TCP/IP. The fully integrated File Exchange module lets you browse network file system directories from a standard Windows "File Open" screen allowing you to "copy" files to and from the network and the remote PC.

Security under RemoteLink Plus is managed by ZOOMIT's Windows-based Public Key Management System (PKMS) and is implemented using ZOOMIT's Certified Manager (CM). The PKMS makes extensive use of RSA and DES standards and provides among other things the capability to set, implement and exert an enterprise-wide security policy. RemoteLink Plus is compatible with Nortel's Entrust™ cryptographic software.

PLATFORMS SUPPORTED

Windows, Windows NT,
Banyan VINES

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509, DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

General Security Utilities

**AstraTek, Inc.**

14 Wall Street, 3rd Floor
New York, NY 10005-2101
P.O. Box 536
New York, NY 10274-0536

SALES CONTACT:

Sandy Atwell

Phone: (212) 618-3214

Fax: (212) 250-0845

satwell@astratek.com

<http://www.astratek.com>

ASTRATEK SECUREOBJECTS

SecureObjects is a software product that protects and controls the use of program objects in a Microsoft Windows environment.

With SecureObjects, the use of any executable program, DLL or OLE object may be controlled.

SecureObjects enables you to restrict the use of your custom software to the license agreement you have with your end-users. Choose to set an expiration timer that is acti-

vated by a system date, or the number of times used. Or choose to restrict the use of the product to specified days of the week. The LAN version can also restrict use to a specific location on a network.

SecureObjects protects your software products by encrypting some or all of the objects that make up the product. SecureObjects uses encryption technology from RSA Data Security, the recognized leader in the industry.

The SecureObjects software supports two modes of operation, LAN-connected and stand-alone workstations. Currently SecureObjects is implemented for Windows 3.1 and Windows NT.

PLATFORMS SUPPORTED

Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RC5, Diffie-Hellman

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Atemi Corporation
202 West Hill, Suite 3W
Champaign, IL 61820-3539

SALES CONTACT:

Chris Fisher

Phone: (217) 352-3688

Fax: (217) 352-3689

atemi@aol.com

<http://www.atemicorp.com>

NETSHADE™ v1.1

NetShade is a security utility that automatically and invisibly encrypts all your AppleTalk™ sessions, including Apple Remote Access (ARA). When you use NetShade, you don't have to change the way you use your network at all; everything - including your email, shared files and client/server sessions - is encrypted in the background.

NetShade's encryption process is entirely backward compatible, and may be used on any number of machines on a network. And because it works over all transmission media, NetShade is an ideal solution for protecting data sent over AppleTalk networks and/or ARA sessions.

NetShade uses RSA's public key technology to exchange random encryption keys securely. Algorithms currently

supported include the lightning-fast NightShade Algorithm, DES, and Triple DES; upgrades to support other algorithms can be provided on request. NetShade is essentially a software solution that rivals link encryption, but at a fraction of the cost.

PLATFORMS SUPPORTED

Macintosh

ENCRYPTION STANDARDS SUPPORTED

NightShade™, DES, Triple DES, RSA; any algorithm on request (through modular upgrades).

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Starting at \$299 for two users.



BT Financial Services Information Systems Corporation

A Subsidiary of Bankers Trust New York Corporation

**Bankers Trust Company -
BT FSIS**
One Bankers Trust Plaza
New York, NY 10006

SALES CONTACT:
Ken Miller
Phone: (212) 250-1776
Fax: (212) 250-5885

BT AUTHENTICATION SERVICES (BTAS)

BTAS is a system that provides strong end-user authentication and a secured single sign-on environment. BTAS has an Authentication Server and offers a programmers Application Programming Interface (API) for application integration. In addition, it provides a means for securing Sybase™ SQL Servers as well as several other popular server platforms. The system provides for dis-

tributed Security Database Administration for user authorization.

RSA's BSAFE™ toolkit was used to provide encryption, secure key exchange and message digest functionality. We feel that having used RSA's product we have enhanced our product's name and quality recognition.

PLATFORMS SUPPORTED

OS/2, Windows, NT, VMS,
Open VMS/ALPHA

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

Comm-Press, INC.

CROSS PLATFORM DATA COMPRESSION / TRANSLATION / SECURITY

Comm-Press, Inc.
2401 Gateway Drive
Suite 109
Irving, Texas 75063

SALES CONTACT:

Gene Lucas
Phone: (214) 550-7694
Fax: (214) 550-7682
USNBP8Z9
<http://www.ibmmail.com>

COMM-PRESS

Comm-Press provides cross-platform data compression, data conversion, encryption, authentication and digital signatures for data being transmitted between similar and dissimilar computer systems. Comm-Press resolves ASCII-EBCDIC character, record delimiter and directory file structure differences between supported systems.

Comm-Press can be used with most protocols over most public and private networks. DES encryption and RSA algorithms are used to encrypt, authenticate and sign data files. Both EDI and non-EDI data is acceptable. Both executable and callable programs are available.

PLATFORMS SUPPORTED
Virtually all
ENCRYPTION STANDARDS SUPPORTED
RSA (PKCS), DES
EXPORTABLE VERSION AVAILABLE?
N/A
PRICING
Contact vendor



FISCHER
INTERNATIONAL

**Fischer International
Systems Corp.**

3506 Mercantile Ave.
Naples, FL 34104-3310

SALES CONTACT:

Phone: (941) 643-1500

Fax: (941) 436-2586

info@fisc.com

http://www.fisc.com

WATCHDOG PC DATA SECURITY SYSTEM

Watchdog provides companies with a secure, transparent computing environment. Automatic and transparent DES and proprietary encryption algorithms build protection directly into your data. Features like access control and file level permissions prevent unauthorized users from accessing system information.

Watchdog's Secure Drive encrypts the disk drive and prevents booting up from the

floppy drive. Other features include Keylock, audit trails, single sign-on, virus protection, and more. Optional additions such as Watchdog Director for centralized LAN administration, Keymaster, and the Armor half-card make Watchdog the most complete security solution available. Watchdog is rated D2 by the NCSC.

PLATFORMS SUPPORTED

DOS, OS/2, Windows,
NetWare, Banyan

ENCRYPTION STANDARDS SUPPORTED

DES, Proprietary Algorithm

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



FISCHER
INTERNATIONAL

**Fischer International
Systems Corp.**

3506 Mercantile Ave.
Naples, FL 34104-3310

SALES CONTACT:

Phone: (941) 643-1500

Fax: (941) 436-2586

info@fisc.com

http://www.fisc.com

WATCHDOG DIRECTOR

Watchdog Director allows centralized security administration over any number of PCs attached to a LAN. It allows a Master System Administrator (MSA) to manage all user profiles without leaving the office. The MSA can manage access control, grant user permissions, and collect audit data from all networked PCs under Watchdog control.

The authentication and privacy of the security permissions downloaded to each PC are provided through RSA Public Key Technology. Watchdog Director maintains security information on the network file server in a secured database.

PLATFORMS SUPPORTED

DOS, OS/2, Windows, Windows NT, NetWare, Banyan

ENCRYPTION STANDARDS SUPPORTED

DES, Proprietary Algorithm

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



GE Information Services

GE Information Services
401 N. Washington Street
Rockville, MD 20850

SALES CONTACT:

Lee K. Stanton
Phone: (301) 340-4552
Fax: (301) 340-4151
leest@geis.geis.com

GEIS SECURE NETWORK SERVICES

Custom secure messaging solutions for applications utilizing GEIS services. RSA's TIPEM incorporated into API for simplicity and ease of use.

PLATFORMS SUPPORTED

DOS, HP/UX, Windows

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.400 '88,
DES, X.509

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



**The LAN Support
Group, Inc.**

2425 Fountain View, Suite 390
Houston, Texas 77057

SALES CONTACT:

Sean L. Guidry

Phone: (713) 789-0882 ext. 509

Fax: (713) 977-9111

Toll Free: (800) 749-8439

BBS: (713) 789-6776

sean@lsg.com

CompuServe: GO BINDVIEW

NETSQUEEZE™ AND NETSQUEEZE+ENCRYPTION™

NetSqueeze provides real-time, transparent file compression and file encryption services for NetWare 3.x and 4.x file servers.

Utilizing RSA Data Security, Inc.'s RC4 and MD5 algorithms, NetSqueeze™ and NetSqueeze+Encryption™ are the first products to provide file compression and encryption services for NetWare file servers as an NLM-only solution, requiring no workstation Ter-

minate and Stay Resident (TSR) programs.

NetSqueeze also works with the BindView NCS Server Information Module (SIM) to help administrators formulate compression strategies by identifying concentrations of files which would benefit from compression. The SIM then helps you analyze your strategy and measure the impact on your file server's disk space by showing which files are

compressed and not compressed, and the actual file size versus the compressed file size. BindView NCS reports also detail which files are encrypted and which files are not encrypted.

PLATFORMS SUPPORTED

DOS, NetWare

ENCRYPTION STANDARDS SUPPORTED

RSA (RC4), RSA (MD5)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$295/ 5-user NetWare to
\$1,295/ 250 user NetWare



LJK Software
One Kendall Square
Suite 2200
Cambridge, MA 02139-1561

SALES CONTACT:
Phone: (617) 558-3270
Fax: (617) 558-3274
sales@LJK.com
AppleLink: LJK

LJK/LOGIN™

In response to end-user demands for simplified authentication procedures in a complex client-server environment, LJK/Login provides Secure Single Sign-On based on public key cryptography. In contrast to non-public key products which often transmit passwords in the clear or store authentication secrets in a high risk central location, LJK/Login uses the RSA Public Key Cryptosystem™ to authenti-

cate users based on their digital signature.

LJK/Login also uses the RSA Public Key Cryptosystem to manage authorization for access to computing resources. The access granted to a server resource is based not only on the digital signature of the user, but also on the digital signature of a responsible manager authorizing access by that user. This approach not only provides strict control over

who is granted access, but also strict accountability regarding who granted that access.

PLATFORMS SUPPORTED

OS/2, Mac, VAX/VMS, Windows, Win/NT, Alpha VMS, Digital UNIX

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Client: \$25; Server: \$1,000



NetLOCK
P.O. Box 34028
Fullerton, CA 92833

SALES CONTACT:

Dana Hendrickson
Director, Sales & Marketing
Phone: (888) NET-LOCK
Fax: (714) 446-2311
info@netlock.com
<http://www.netlock.com>

NetLOCK™

NetLock™ is the leader in a new class of network security products that address the previously unmet need for enterprise-wide, end-to-end network security. The NetLOCK™ software solution:

- Provides tough protection of communications across the entire path between networked computers
- Runs on all popular computer systems and supports all popular network protocols

- Operates transparently to users, applications, and all LAN and WAN infrastructures
- Greatly simplifies the administration of network security for large enterprise networks
- Provides the built-in dependability of an attack-resistant design
- Delivers protection value that far exceeds NetLOCK ownership costs

PLATFORMS SUPPORTED

DOS, Mac, UNIX, Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

DES, Triple DES, RC2, RC4

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

From \$ 2,995 for 10 workstations to \$ 85,995 for 500-seat bundle.



NORTEL
NORTHERN TELECOM

Northern Telecom, Ltd.
4600 Emperor Blvd.
Dept. 4254
Morrisville, NC 28570

SALES CONTACT:

Carolyn Jarvis

Phone: (919) 992-5525

Fax: (919) 992-5271

entrust@entrust.com

<http://www.nortel.com/entrust>

ENTRUST

Entrust is a family of software security products designed to place encryption and digital signature capabilities in all personal computers or workstations in distributed computer networks. Entrust provides the single security infrastructure for an enterprise that can be used across multiple applications and platforms with automated key management that can scale to tens of thousands of users and beyond.

Entrust/Manager: the secure database to administer cryptographic credentials for end users.

Entrust/X.500: the public-key directory server used to store certificates for users.

Entrust/Toolkit: the high level security API that allows developers to easily integrate security into applications. Entrust/Toolkit hides the complexity of cryptography and key management. All major cryptographic algorithms are

supported.

Entrust/Client: a desktop utility to allow the signing and encrypting of any file.

Entrust/Lite: a stand-alone version of Entrust/Client for small workgroups that does not require an X.500 infrastructure.

Entrust/Token: optional hardware components (such as PCMCIA cards and smart cards) used for higher levels of security than software alone.

PLATFORMS SUPPORTED

Virtually all

ENCRYPTION STANDARDS SUPPORTED

S/MIME, PKCS, PEM, DES, CAST, X.500, X.509, RC2, RC4, MSP

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$150/user



ORACLE®

Oracle Corporation
500 Oracle Parkway
Redwood Shores,
CA 94065

SALES CONTACT:

Phone: (800) ORACLE1

Fax: (415) 506-7200

web-mktg@us.oracle.com

<http://www.oracle.com>

ORACLE ADVANCED NETWORKING OPTION

Oracle Advanced Networking Option provides transparent comprehensive security for the Oracle environment. From full datastream encryption and integrity checking based on RSA RC4, DES, and MD5 to integrating with Kerberos and token-based authentication servers, Oracle Advanced Networking Option works with any Oracle-supplied, customer-written, or third-party application. It installs within Oracle's middle-

ware product SQL*Net, so it is completely transparent to all applications, platforms, and network protocols, requiring no changes beyond initial configuration.

Oracle Advanced Networking Option supports all Oracle data sources, including Oracle7, Trusted Oracle, as well as Oracle Open Gateways that enable users to access data from numerous non-Oracle databases, including DB2, Rdb, IMS, and SQL/400.

Oracle Advanced Networking Option additionally integrates external network services into the Oracle environment, including the OSF Distributed Computing Environment (DCE) and naming services such as Sun's NIS, Novell's NDS, and DCE's CDS. Oracle Advanced Networking Option includes the functionality formerly of Secure Network Services and SQL*Net/DCE.

PLATFORMS SUPPORTED

Virtually all

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$199



Oracle Corporation
500 Oracle Parkway
Redwood Shores,
CA 94065

SALES CONTACT:
Phone: (415) 506-7000
info@oracle.com
http://www.oracle.com

SQL*NET SECURE NETWORK SERVICES

Secure Network Services adds full datastream encryption and integrity checking to any Oracle-supplied, customer-written, or third-party application that works with Oracle SQL*Net. SNS, based on security technology from RSA, installs inside SQL*Net, so its operation is completely transparent to all applications and data sources.

Secure Network Services can transmit data across heterogeneous network protocols without intermediate encryption/decryption steps via Oracle's MultiProtocol Interchange, thus preventing exposure of unencrypted data anywhere in the infrastructure. Secure Network Services can also be used with Oracle's Open Gateway technology, allowing customers to protect

data traveling to a variety of non-Oracle databases, including DB2, Rdb, IMS and SQL/400.

PLATFORMS SUPPORTED
Virtually all
ENCRYPTION STANDARDS SUPPORTED
RSA (PKCS)
EXPORTABLE VERSION AVAILABLE?
Yes
PRICING
Starting at \$200



Raptor Systems, Inc.
69 Hickory Drive
Waltham, MA 02154

SALES CONTACT:
Mike Grandinetti
Phone: (617) 487-7700
Fax: (617) 487-6755
mgrandinetti@raptor.com
<http://www.raptor.com>

EAGLELAN / EAGLEDESK

EagleLAN and EagleDesk — integrated solutions to our Eagle firewall — work together to bring you total protection for PCs and workgroups within the enterprise. EagleLAN provides interdepartmental security, preventing unauthorized users from accessing LAN-based resources, and EagleDesk provides encrypted protection for individual PCs within the workgroup.

SecureConnect™ virtual private networking provides a seamless, transparent and private “tunnel” through interdepartmental networks. EagleLAN and EagleDesk use Eagle firewall authorization tables to reduce administration overhead, and seamlessly integrate with other Raptor security solutions for complete, integrated network security.

PLATFORMS SUPPORTED
AIX/6000, HP/UX, SunOS, Solaris, Windows/NT
ENCRYPTION STANDARDS SUPPORTED
DES
EXPORTABLE VERSION AVAILABLE?
Yes
PRICING
Contact vendor



Raptor Systems, Inc.
69 Hickory Drive
Waltham, MA 02154

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Mike Grandinetti
Phone: (617) 487-7700
Fax: (617) 487-6755
mgrandinetti@raptor.com
<http://www.raptor.com>

EAGLE NOMAD

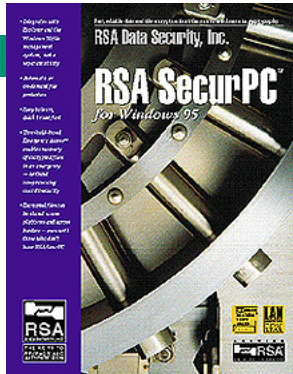
EagleNomad was designed to provide secure communications to any authorized device in the enterprise network, whether public or private, from the burgeoning mobile user community. It uses password protection and authenticates users - ensuring the person who is using the PC is the one authorized to do so - before allowing them to access the private network.

EagleNomad lets network administrators control access

of business travelers, sales and field reps, telecommuters, and others who are authorized to connect to the enterprise. Using EagleNomad, mobile users can secure the transfer of such vital data as sales forecasts, RFP and RFQ responses, customer orders, software program modules, and engineering design files over public or private networks. The network administrator controls enterprise network access through the Eagle or EagleRemote™

firewall's authorization tables. They can specify the hosts or networks within the enterprise for which communication can be established, and the Eagle-protected device that will perform message decryption.

PLATFORMS SUPPORTED
AIX/6000, HP/UX, SunOS, Solaris, Windows NT
ENCRIPTION STANDARDS SUPPORTED
DES
EXPORTABLE VERSION AVAILABLE?
Yes
PRICING
Contact vendor



RSA Data Security, Inc.
100 Marine Parkway,
Suite 500
Redwood City, CA 94065

SALES CONTACT:

For up to 1,000-user licenses:
Secure Distribution, Inc.
62 Crestmont Drive,
Oakland, CA 94619
Phone: (510) 273-9733
Fax: (510) 482-4998
For licenses greater than 1,000
users, contact RSA directly.

RSA SecurPC

RSA SecurPC is the easiest, most secure way to protect the sensitive information on your PC or Macintosh. It isn't a separate application — it actually becomes part of your file management subsystem, the place where you move, copy and manipulate files every day.

With the AutoCrypt feature, you can define sets of files and directories that are automatically encrypted and decrypted

every time you start up or shut down your computer. Individual files or sets of directories can be encrypted quickly and easily, and you can encrypt files anywhere, not just in special "secured directories."

RSA Secure uses 80-bit RC4 encryption, providing orders of magnitude more security than simple DES-based systems. RC4 is also one of the fastest stream ciphers on the

market, achieving throughputs of over three megabits per second on a typical 486. And RSA's Threshold-Based Emergency Access feature allows you to split emergency decryption authority among up to 256 trustees.

PLATFORMS SUPPORTED

Windows, Windows 95,
Windows NT, Macintosh

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$129 (substantial quantity discounts)



SEMAPHORE
Secure Network Communications

Semaphore
Communications Corp.
2040 Martin Avenue
Santa Clara, CA 95050

SALES CONTACT:

Raymond Mussato,
Vice President, Sales

Bill Ferguson,
Vice President, Marketing

Phone: (408) 980-7750

Fax: (408) 980-7769

scc@netcom.com

SEMAPHORE NETWORK SECURITY SYSTEM

The Semaphore Network Security System (NSS) provides node-to-node and site-to-site data transmission security for enterprise-wide local and wide area data networks. The NSS supports all popular LAN protocols, and is platform, OS and application independent. The NSS provides peer authentication, access control, data integrity and data privacy using RSA and DES technologies.

The LAN-based NSS secures packet transmission at Layer 2

and Layer 3 simultaneously, and has support for the most widely-used LAN protocols like NetWare, DECNet, IP, Xerox IDP, and AppleTalk. The WAN-based NSS now secures Frame Relay and IP, with X.25, ATM and SMDS.

The NSS is comprised of two system components, the Network Encryption Unit (NEU), and the Network Security Center (NSC). The NEUs can be installed on an Ethernet LAN segment or between the gate-

way router and the DSU. The NSC is used to manage and administer the secure network, including SNMP v1/v2 support, and provides a reporting vehicle for security-related activities on the LAN or WAN.

The Semaphore NEUs employ a specially developed DSP resident version of RSA's patented public key algorithms for extremely fast processing. DES processing is performed in the VLSI VM009 DES encryption chip.

PLATFORMS SUPPORTED

All

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), DES

EXPORTABLE VERSION AVAILABLE?

Contact vendor

PRICING

Starting at \$4,495



SPYRUS, Inc.
10320 Little Patuxent Pkwy
Suite 802
Columbia, MD 21044

SALES CONTACT:
Charles H. Scruggs, Jr.
Phone: (410) 964-6400
Fax: (410) 964-5154
info@spyrus.com
<http://www.spyrus.com>

SPEX/cd

SPEX/cd is SPYRUS' unique, integrated secure publishing and data access control system. It protects against unauthorized access to sensitive or proprietary information published on CD-ROMs. The SPYRUS solution is applicable to both commercial and government applications.

Based on prior agreements with CD-ROM Publishers,

Subscribers desiring access to intellectual property or to sensitive data on a CD-ROM may be granted various access capabilities.

Options are available to control access according to: time of use, byte count, calendar dates, groups of files, individual files and publisher-unique parameters.

PLATFORMS SUPPORTED

DOS, UNIX, Sun OS,
Solaris, Windows

ENCRYPTION STANDARDS SUPPORTED

PKCS, PEM, DES, Triple
DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$995 for Publisher Software
\$195 for Client Software



TimeStep Corporation
 359 Terry Fox Dr. Kanata
 Ontario Canada
 K2K 2E7

SALES CONTACT:

Phone: (800) 373-8211

Fax: (613) 599-3617

info@timestep.com

http://www.timestep.com

PERMIT™ NETWORK SECURITY

TimeStep's PERMIT family of products offer complete, centrally-managed, network security solutions that enable effective large-scale deployment of security, from desktop-to-desktop, Enterprise-wide. PERMIT ensures privacy and authenticity of data throughout the enterprise network, independent of user application and network infrastructure.

PERMIT 9010 Secure Network Management System

uses industry standard SNMP for PERMIT node configuration, certificate and key management, alarm and event monitoring, and report generation.

PERMIT 2010 PC LAN Security module provides access control and transparent network layer security for any TCP/IP stack. Hardware accelerator option available for linespeed encryption for the desktop.

PERMIT 2018 PC Remote Security software secures remote TCP/IP communications to the LAN via PPP. PERMIT 2018 is designed to add communications security to existing remote access infrastructure.

PLATFORMS SUPPORTED

Virtually all

ENCRYPTION STANDARDS SUPPORTED

X.509, DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact Vendor



TimeStep Corporation
 359 Terry Fox Dr.
 Kanata Ontario Canada
 K2K 2E7

SALES CONTACT:

Phone: (800) 373-8211

Fax: (613) 599-3617

info@timestep.com

<http://www.timestep.com>

PERMIT™ 1060 SECURITY GATEWAY

The PERMIT 1060 Security Gateway, a member of TimeStep's PERMIT family of products, secures file servers, remote access servers, LAN segments and internetworks. It supports two IEEE 802.3 Ethernet LANs. PERMIT 1060 can be used either to segment the secure LAN from non-secure LANs or secure TCP/IP traffic leaving the building onto the WAN.

PLATFORMS SUPPORTED

Virtually all

ENCRYPTION STANDARDS SUPPORTED

X.509, DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

Hardware & Silicon

CRYPTOGRAPHIC SECURITY MODULE FOR HP9000



Hewlett-Packard
5, Ave Raymond Chanas
Eybens, France

SALES CONTACT:
Michel Ferachoglou
Product Marketing,
Grenoble Networks Division
Phone: (33) 76-621492
Fax: (33) 76-621278

CRYPTOGRAPHIC SECURITY MODULE FOR THE HP9000 BUSINESS SERVER

The cryptographic security module is an HP-PB card which, along with associated software and firmware, provides security services such as data privacy and data integrity. Applications invoke these services directly through a cryptographic API. Additional security services can be provided by using a smart card (plus reader) in conjunction with the security module.

RSA key distribution and digital signatures are supported.

PLATFORMS SUPPORTED

HP/UX

ENCRYPTION STANDARDS SUPPORTED

DES, RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

Yes (license available for the financial sector)

PRICING

\$5,000



IBM Corporation
1001 W.T. Harris Blvd.,
Dept. 04W/204-3
Charlotte, NC 28262

SALES CONTACT:

George Dolan
Phone: (704) 594-7970
Fax: (704) 594-7553
gmdolan@vnet.ibm.com

TRANSACTION SECURITY SYSTEM

The IBM Transaction Security System product family consists of:

- IBM 4755 Cryptographic Adapter for ISA and MCA personal computer buses that supports DES, RSA, and CDMF
- IBM 4754 Security Interface Unit with integral card acceptance device, PIN pad, clock, and DES cryptographic processor
- IBM Personal Security™ card, a single-chip smart card with DES and CDMF crypto-

graphic algorithm support and secure portable data storage

- IBM 4753 Network Security Processor for channel attachment to MVS mainframes that supports DES, RSA, and CDMF cryptographic algorithms.

Each of the devices includes an integral access control system for assuring the controlled usage of the cryptographic devices.

Software support featuring a consistent API is available for

DOS, Windows, OS/2, AIX-RISC/6000, and MVS. The Hardware Cryptography feature available with the IBM AS/400 and the very high performance Integrated Cryptographic Facility feature on selected IBM ES/9000 mainframes are compatible with the Transaction Security System family. The Commercial Data Masking Facility (CDMF) algorithm provides a strong exportable algorithm that is consistent with DES operations.

PLATFORMS SUPPORTED

DOS, OS/2, AIX/6000,
MVS, OS/400

ENCRYPTION STANDARDS SUPPORTED

DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Navigation Data Systems
 520 Commerce Point
 New Orleans,
 Louisiana 70123

SALES CONTACT:
 Donald Ambrose
 Phone: (504) 734-5566
 Fax: (504) 734-5081

FLEET-TRAK, FLITE-TRAK

NDS designs and manufactures automatic vehicle location (AVL) and mobile data transmission (MDT) systems for land, marine, and aviation applications worldwide. The location of the vehicles as well as other vehicle performance and alarm information and driver-entered messages are transmitted to a dispatch control center where computer-aided dispatch (CAD) software and area maps provide the dispatcher with information to

enhance the safety and efficiency of fleet operations. The dispatcher can also send information to the vehicles for display to the driver.

RSA algorithms are used in both the mobile equipment and the fixed end communications controller to insure the security of the data transmissions over various communications RF systems including UHF, VHF, satellite, and cellular link.

PLATFORMS SUPPORTED

PC, DEC VAXstation

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Racal-Datcom™

Racal-Guardata, Inc.
480 Spring Park Pl.
Suite 900
Herndon, VA 22070

SALES CONTACT:
(800) 521-6261
Phone: (703) 471-0892
Fax: (703) 473-9333

RACAL-DATACOM DATACRYPTORS

The Datacryptor 64 series is comprised of link encryptors designed for secure data communications. Datacryptor 64P performs at speeds up to 64Kbps and uses a Racal proprietary encryption algorithm and is available with the RSA Public Key Cryptosystem for electronic distribution of key encrypting keys.

The other Datacryptors use the DES algorithm for encrypting data and the optional RSA

public key algorithm for electronic distribution of key encrypting keys: Datacryptor 64 operates at speeds up to 64Kbps, Datacryptor 64MS at speeds up to 512Kbps, and the Datacryptor 64HS at speeds up to 2.048Mbps. The product line also offers end-to-end network encryptors for X.25 and frame relay networks.

RSA public key eliminates the physical transport of key encrypting keys through elec-

tronic distribution, thereby saving customers time, money, and trouble.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

DES, ANSI X9.17

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

DME 9600 DUAL MODE ENCRYPTOR

**Transcript International**

4800 NW 1st Street
Lincoln, NE 68521-9918

SALES CONTACT:

Phone: (402) 474-4800

Fax: (402) 474-4858

DME 9600 DUAL MODE ENCRYPTOR

The DME 9600 Dual Mode Encryptor provides both digital encryption and analog voice privacy for use over the Public Switched Telephone Network. RSA™ Public Key Exchange allows secure interchange of session cryptovariable keys, eliminating the need for manual key management procedures, while the factory software programmable encryption options — Data Encryption Standard

(DES) and a proprietary exportable algorithm — provide flexibility for a wide range of security applications. The telephone interface maintains proprietary PBX functionality of any modern office feature phone by plugging in line with the handset.

The DME 9600 is backward compatible with Transcript's family of analog cellular and landline voice privacy products. The DME 9600 is part of

a family of products which offers security-conscious government agencies and corporations a complete system solution to both landline and cellular voice communications and is interoperable with Transcript's recently announced embedded voice privacy appliqué for the Motorola MicroTAC™.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



VLSI TECHNOLOGY, INC.

VLSI Technology, Inc.

1109 McKay Drive
San Jose, CA 95131

SALES CONTACT

Don Bizios

Phone: (602) 752-6670

Fax: (602) 752-6001

bizios_d@vlsi.com

VM06868 HIGH SPEED ENCRYPTION ENGINE

- COMPLETE CRYPTOGRAPHIC SYSTEM ON A SINGLE CHIP
- INTEGRATED 32-BIT RISC PROCESSOR
- 32MHZ OPERATING FREQUENCY
- HIGH-GRADE DES SECURITY BLOCK
- DIFFIE-HELLMAN KEY AGREEMENT
- EMBEDDED HIGH-GRADE SECURE O/S
- SUPPORTS INDUSTRY-STANDARD 8-BIT I/O-ONLY ISA BUS
- LOW POWER OPERATION, 320mW @ 5V @ 32MHZ, 2mW SLEEP
- 128 METRIC QUAD FLAT PACKAGE

The VM06868 is a complete high-speed cryptographic system on a single chip. The VM06868 chip implements AT&T's Bell Labs secure O/S for unique key management and security protocols. These functions include public key exchange, key management, safe key storage, key generation, and other cryptographic functions. VLSI and AT&T provide the user a system solution for applications such as cable

access control and protection, offering a complete chip-to-operating system security solution for the security-conscious designer.

The VM06868 design includes the 32-bit ARM6 RISC processor for control, data handling, and crypto function processing, as well as high-speed no-wait-state cache RAM, secure O/S located in ROM, and a high-speed special DES processor.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

DES

EXPORTABLE VERSION AVAILABLE?

No

PRICING

1KU with code \$64,
without code \$52

Internet Access, Browsers & Servers



CONNECT, Inc.
515 Ellis Street
Mountain View,
CA 94043-2242

SALES CONTACT:

Pat Quirk

Phone: (415) 254-4000

Fax: (415) 254-4800

info@connectinc.com

http://www.connectinc.com

ONESERVER™

CONNECT provides Internet-based Order Management and Interactive Commerce applications for companies that want to leverage the Internet as a new sales channel.

CONNECT's OneServer™ is the industry's most complete, open and scaleable application platform for high-end interactive commerce — for both business-to-business and business-to-customer market segments.

OneServer offers:

- *Dynamic site creation* to reduce the amount of custom code and CGI scripting for site creation
- *Five levels of security* to provide enhanced features for protecting transactions and operational data
- *External Systems Integration* to provide high performance, flexibility, and secure integration without data redundancy

- *Faster Time to Market* for fast implementation of tested situations and a seamless growth path to an industrial-strength application

OneServer utilizes RSA-based encryption algorithms to protect sensitive information, and incorporates SSL to work with the majority of World Wide Web browsers.

PLATFORMS SUPPORTED

UNIX: HP-UX, Sun Solaris

ENCRYPTION STANDARDS SUPPORTED

RSA (SSL)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Devon Software Corp.
190 Bronson Ave
Ottawa, Ontario, Canada
K1R 6H4

SALES CONTACT:
Mr. Ron Walker
Phone: (613) 567-2281
Fax: (613) 567-3693
rwalker@devon.com

KYBERPASS

The KyberPASS Authentication Server uses public/private key technology to authenticate users and then creates a secure encrypted pipe between a user's workstation and an enterprise server. This allows enterprises to operate a virtual private network, across public and private networks, including the Internet. Traffic between end users and the server is fully secure and can

be routed across non-secure WAN links. This full featured security system uses diskettes or hard drives to store private keys, while additional security is possible with PCMCIA card technologies.

KyberPASS uses RSA BSAFE™ APIs for Public Key Cryptography, DES and MD5 algorithms. KyberPASS includes a local X.509 public key repository as well as sup-

ports connections using LDAP to remote X.500/X.509 public key repositories.

KyberPASS earned Devon the Microsoft Solution Provider Partner Award for Most Innovative Internet Solution.

PLATFORMS SUPPORTED

Windows, Windows 95, Windows NT

ENCRYPTION STANDARDS SUPPORTED

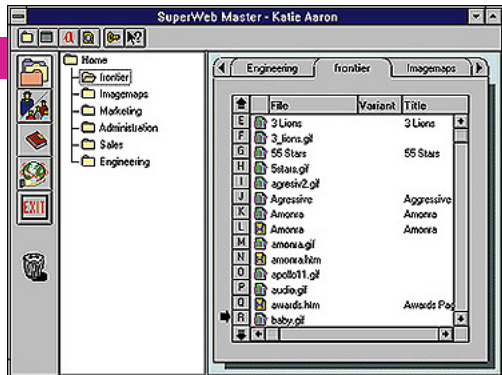
S/MIME, S/WAN, SET, SSL, S/HTTP, PKCS, X9F1, PEM, X.400, X.509, DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Frontier Technologies Corp.
10201 N. Port Washington Rd.
Mequon, WI 53092

SUPERWEB™ SERVER

SALES CONTACT:

Phone: (414) 241-4555

Fax: (414) 241-7084

Info@frontiertech.com

<http://www.frontiertech.com>

SUPERWEB™ SERVER

Frontier Technologies' SuperWeb Server is the first World Wide Web server to provide a standard interface for remote administration, a bundled HTML and image map editor as well as page access in the user's language of choice. SuperWeb Server's ease of administration and implementation empowers any corporate user to be a "Web Master."

The SuperWeb Server's administration and editing tools

can be run either at the server or from any Windows-based PC, using the identical interface. The remote client software may be installed on any number of clients at no extra charge, making it simple for a company to allow numerous webmasters to maintain their own groups of files on the server.

SuperWeb Server also features a GUI-based HyperCheck, which allows a webmaster to quickly ensure

that all the hyperlinks in a document correspond to valid filenames. Frontier Technologies also includes back-end services and templates that allow users to create pages for commonly used applications such as FAQs, mail forms, and service orders. Both CGI (Common Gateway Interface) and WinCGI are supported.

PLATFORMS SUPPORTED

Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

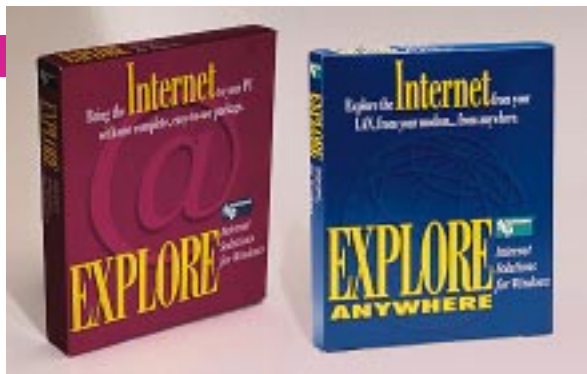
RSA (SSL), RSA (S-HTTP)

EXPORTABLE VERSION AVAILABLE?

N/A

PRICING

Contact Vendor



FTP Software, Inc.
100 Brickstone Square
Andover, MA 01810

SALES CONTACT:

Phone: (508) 685-4000

Fax: (508) 794-4488

info@ftp.com

http://www.ftp.com

EXPLORE 2.0 & EXPLORE ANYWHERE 2.0 FOR WINDOWS

Explore 2.0 for Windows is the complete Internet solution that delivers powerful, easy-to-use features for connecting to and making the most of the Internet. Connect immediately with the included popular US Internet service providers, send and receive email, easily view files, or browse the World Wide Web — with Launcher, all under one easy interface. Explore also includes a Usenet Newsreader, FTP, Gopher, Telnet, Internet Relay Chat,

Internet utilities, WinISDN support and more. Explore is the perfect solution for home PC enthusiasts, mobile commuters, and small businesses to unleash the power of the Internet.

Explore Anywhere 2.0 for Windows is the complete solution for workgroups, telecommuters, and small businesses who want to explore the Internet from anywhere — home, office, airport or hotel room. Whether you are working on a LAN, using a modem

or switching between both, Explore Anywhere delivers the network connectivity and all the easy-to-use applications to explore the whole Internet. With Explore Anywhere you can send and receive customer email, cruise the World Wide Web for competitive information, participate in newsgroups that affect your business, transfer important files from remote networks, and a whole lot more. No other Internet solution makes you as productive!

PLATFORMS SUPPORTED

Windows, Windows 95,
Windows for Workgroups

ENCRYPTION STANDARDS SUPPORTED

RSA (SSL)

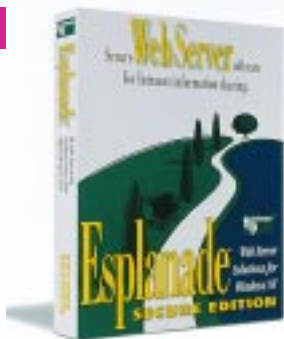
EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Explore 2.0: \$49.99

Explore Anywhere: \$199.99



FTP Software, Inc.
100 Brickstone Square
Andover, MA 01810

SALES CONTACT:

Phone: (508) 685-4000

Fax: (508) 794-4488

info@ftp.com

http://www.ftp.com

FTP SECURE WEBSERVER

FTP Secure WebServers offer the broadest range of security features available today. These products utilize RSA encryption in combination with VeriSign Certificates to deliver authentication, signatures, and secure communication between parties. Access to information is easily managed through flexible access controls. Enhanced Logging offers many access advantages, including recording access, er-

ror and security information into a single record.

FTP Secure WebServer is based on an advanced high performance architectural design. FTP Secure WebServer is the only commercial web server for UNIX which supports both S-HTTP and SSL.

PLATFORMS SUPPORTED

UNIX, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (S-HTTP), RSA (SSL)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Reseller, OEM, and Site
Licenses available



**Great Lakes Area Commercial
Internet / InStep Enterprises**

P.O. Box 26354
Wauwatosa, WI 53226

SALES CONTACT:

Thad Phetteplace

Phone: (414) 475-6388

Fax: (414) 475-7388

tphettep@glaci.com

<http://www.glaci.com>

GLACI-HTTPSD

GLACI-HTTPSD is a secure extension of GLACI's web server for Novell Networkware, GLACI-HTTPD.

The extentions, implemented by InStep Enterprises, use RSA encryption along with MD2, MD5 and DES to support secure communications over the World Wide Web.

Both server products run on Novell Networkware servers, enabling them to be easily incorporated into an existing network.

PLATFORMS SUPPORTED

NetWare

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509, DES,
RSA (SSL)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$2,995



I-Link Ltd.
One Chisholm Trail
Suite 4250
Round Rock, Texas 78681

SALES CONTACT:

Rod Dial

Phone: (512) 388-2393

Fax: (512) 244-9681

info@i-link.net

<http://www.i-link.net>

I-LINK INTERNET ACCESS

I-Link is a fast growing, nationwide Internet Access provider and Internet software development company. I-Link is implementing a broad integration of RSA data encryption technology into both its software and its network.

To enable e-mail privacy across the Internet, I-Link has applied RSA technology in the I-Link I-mail software. This provides end-to-end security for all Internet communication

across the I-Link network. I-Link is also an RSA key broker.

User authentication at network entry points will verify that the user is who they say they are.

As part of a licensing agreement with Spyglass, I-Link currently provides Enhanced Mosaic free of charge to each I-Link subscriber. With the release of Enhanced Mosaic 2.0 and the secure framework that it will provide, I-Link custom-

ers will have a secure web link, client to server.

These technology implementations make I-Link the obvious choice for Internet access for businesses and individuals who need an easy-to-use, low cost, secure Internet access solution.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

N/A

PRICING

Starting at \$17.95/month



IBM Corporation
4205 South Miami Blvd.
Research Triangle Park
NC 27709

SALES CONTACT:

Tel: (800) IBM-3333 ext. IE200
askibm-rsvp@info.ibm.com
<http://www.ibm.com/Internet>

INTERNET CONNECTION SECURE WEBEXPLORER™ FOR OS/2 WARP™

IBM's Internet Connection Secure WebExplorer for OS/2 Warp has all the functions users need to access the World Wide Web. IBM's award-winning WebExplorer provides an easy-to-use graphical interface which will let users explore the sights and sounds from around the world. With WebExplorer, users can also download files, read and participate in news groups and send mail... all from the same application.

For users who want to protect their sensitive data on the Internet, this product provides an excellent solution. The Secure WebExplorer supports the industry-adopted methods for encryption and authentication of data, Secure Hypertext Transfer Protocol (S-HTTP) and Secure Sockets Layer (SSL). Support for both of these protocols ensures compatibility with security protocols on compatible Web servers. IBM's Secure WebExplorer

provides triple DES cryptography for bulk encryption, 128-bit RC2 and 128-bit RC4 encryption. Exportable versions (for use outside of US and Canada) are available with 40-bit RC2 and 40-bit RC4 encryption.

PLATFORMS SUPPORTED

OS/2

ENCRYPTION STANDARDS SUPPORTED

RSA (S-HTTP), RSA (SSL),
X.509, DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$39



IBM Corporation
4205 South Miami Blvd.
Research Triangle Park
NC 27709

SALES CONTACT:

Tel.: (800) IBM-3333 ext. IE200
askibm-rsvp@info.ibm.com
<http://www.ibm.com/Internet>

INTERNET CONNECTION SECURE SERVERS FOR AIX™ AND OS/2 WARP™

IBM's Internet Connection Secure Servers for AIX and OS/2 Warp provide the right choice for companies, big or small, who want to create a presence and do business on the Internet. IBM's servers provide the functionality, reliability and performance that companies want from a Web server. The servers are simple to install, provide easy-to-use HTML forms for configuring and can be administered from any browser, locally or re-

motely. Companies can also tie their existing CICS and DB2 systems and data into the Internet using the CICS and DB2 Gateways provided with the servers.

IBM's Internet servers provide the security needed to protect sensitive or confidential data on the Internet. The servers support the industry-adopted methods for encryption and authentication of data, Secure Hypertext Transfer Protocol (S-HTTP) and Se-

cure Sockets Layer (SSL). Support of both these protocols provides the greatest flexibility for companies who want to conduct secure operations. IBM's Internet Connection servers provide triple DES cryptography for bulk encryption, 128-bit RC2 and 128-bit RC4 encryption. Exportable versions (for use outside of the US and Canada) are available with 40-bit RC2 and 40-bit RC4 encryption.

PLATFORMS SUPPORTED

OS/2, AIX

ENCRYPTION STANDARDS SUPPORTED

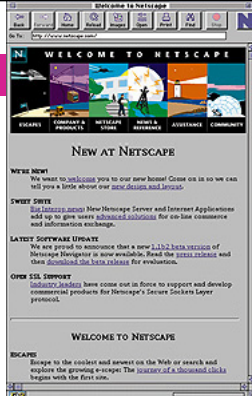
RSA (S-HTTP), RSA (SSL),
X.509, DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

OS/2 Warp Server (Base) \$499;
AIX Server (Base) \$1,199



NETSCAPE

Netscape Communications Corp.

501 East Middlefield Road
Mountain View, CA 94043

SALES CONTACT:

Phone: (415) 528-2555

Fax: (415) 528-4140

info@netscape.com

sales@netscape.com

http://home.netscape.com

NETSCAPE NAVIGATOR™

Netscape Navigator™ is a powerful commercial network navigator, using principles of point-and-click network navigation. It is optimized to run smoothly over 14.4 kilobit/second modems as well as higher bandwidth lines. Netscape Navigator provides a common feature set and graphical user interface across computers running the Microsoft Windows, Macintosh, or X-Windows operating environments. It incorporates the

Secure Sockets Layer (SSL) open protocol for Internet security, enabling customers to take advantage of such commercial offerings as online publications, financial services, and interactive shopping.

SSL is application protocol independent and provides encryption, which uses RC2, RC4 or the Data Encryption Standard to create a secured channel to prevent others from tapping into the network; authentication, which uses

X.509 certificates and digital signatures to verify the identity of parties in information exchanges and transactions; and message integrity, which ensures that messages cannot be altered en route.

PLATFORMS SUPPORTED

Mac, Windows, NT, UNIX

ENCRYPTION STANDARDS SUPPORTED

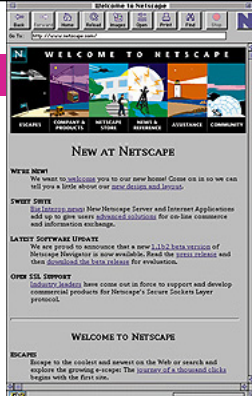
RSA (PKCS), X.509, DES, RSA (SSL)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$39



NETSCAPE

Netscape Communications Corp.

501 East Middlefield Road
Mountain View, CA 94043

SALES CONTACT:

Phone: (415) 528-2555

Fax: (415) 528-4140

info@netscape.com

sales@netscape.com

http://home.netscape.com

NETSCAPE SERVERS

The Netscape™ server line is open server software that allows companies or individuals to set up and maintain servers easily for publishing information and conducting commercial operations on the Internet or corporate IP networks. The server line includes Netscape Commerce Server™, Netscape News Server™ and Netscape Proxy Server™, which include the Secure Sockets Layer (SSL) open protocol to enable secure com-

merce and communications over global networks. SSL is application protocol independent and provides encryption, which uses RC2, RC4, and the Data Encryption Standard to create a secured channel to prevent others from tapping into the network; authentication, which uses X.509 certificates and digital signatures to verify the identity of parties in information exchanges and transactions, and message integrity, which ensures that

messages cannot be altered en route.

The Netscape Server Application Programming Interface (NSAPI) lets the servers be easily extended or integrated with commercial or custom applications, such as user or transaction databases or full text search engines.

PLATFORMS SUPPORTED

Mac, Windows, NT, UNIX

ENCRYPTION STANDARDS SUPPORTED

Yes

EXPORTABLE VERSION AVAILABLE?

RSA (PKCS), X.509, DES, RSA (SSL)

PRICING

\$2,500 - 5,000



OpenConnect Systems, Inc.

2711 LBJ Freeway
Dallas, TX 75248

SALES CONTACT:

Alex Moulas

Phone: (214) 484-5200

Fax: (214) 484-6100

amoulas@oc.com

<http://www.oc.com>

OPENCONNECT SERVER II™

OpenConnect Server II™ is a high performance TCP/IP gateway with proven capacity for over 4,000 concurrent, bi-directional sessions. The OC Server II software running on HP-UX, IBM AIX and Sun Solaris can be scaled specifically to meet changing demands within enterprise-wide, client/server environments. Sessions through the OC Server II Software can run any combination of applications including terminal emulation,

distributed processing, remote printing, network administration, file movement and/or a number of popular third-party applications.

OC Server II appears as a native node in each of the respective SNA and TCP/IP schemas, and becomes the underlying communication transport, accommodating network incompatibilities and facilitating the necessary protocol conversion.

OpenConnect Server II with encryption as standard incorporates powerful RSA Data Security encryption engines in its TN server component, enabling Diffie-Hellman and DES, RC2 and RC4 encryption for TN 3270 and TN 5250 terminal datastreams, and TN 3287 printer datastreams. Mainframe connectivity options from OC Server II include: Token Ring, SDLC, x.25, OpenConnect for Channel™.

PLATFORMS SUPPORTED

UNIX

ENCRYPTION STANDARDS SUPPORTED

DES, RC4

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



OpenConnect Systems, Inc.

2711 LBJ Freeway
Dallas, TX 75248

SALES CONTACT:

Bill Hawkins

Phone: (214) 484-5200

Fax: (214) 484-6100

whawkins@oc.com

<http://www.oc.com>

OC://WebConnect™ GOLD

OC://WebConnect™ Gold, (V2.5) The Enterprise Web Access Server allows standard 3270, 5250, and VT220 applications to be accessed using low cost Inter/intraNET technology. It is a multi-tiered security version of OC://WebConnect, OpenConnect Systems' award-winning, patent pending, Web server software. A first in the industry, OC://WebConnect Gold approaches the issue of security for SNA mainframe-to-

desktop data access at four key levels — application, session, transport and host. This unique security architecture means that organizations can access mission-critical information over the Internet and private enterprise intranets without the previous fears of exposing their data to unauthorized users.

OC://WebConnect Gold provides secure access to legacy data and applications by combining the power of

Web browsers, Java™ technology and OpenConnect's internetworking engines.

OC://WebConnect Gold incorporates powerful RSA Data Security encryption engines which implement Diffie-Hellman Public Key Exchange and RC4 encryption for TN 3270 and TN 5250 terminal datastreams.

PLATFORMS SUPPORTED

OS/2, UNIX, Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

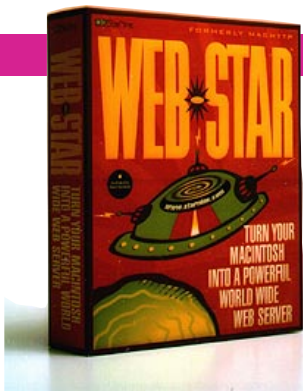
RC4

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



Quarterdeck Corporation
2550 Ninth St., Suite 112
Berkeley, CA 94710

SALES CONTACT:

Jay Gonzales
Phone: (800) 525-2580
Fax: (510) 548-0393
sales@starnine.com
<http://www.starnine.com>

WEBSTAR SSL SECURITY TOOLKIT

WebSTAR SSL Security Toolkit integrates the most complete, cost-effective secure Web server for the Mac with exceptional ease-of-use. WebSTAR/SSL can be added to any Web site on the Internet or internal corporate network, enabling companies and organizations to offer secure Web transactions and document transfers.

The product package includes WebSTAR/SSL, an encryption-enabled version of Quarterdeck's industry-leading Web server for Macintosh, and the utilities necessary for creating a server digital ID. It's never been easier to begin serving secure Web pages directly from your desktop!

PLATFORMS SUPPORTED

Mac

ENCRYPTION STANDARDS SUPPORTED

SSL

EXPORTABLE VERSION AVAILABLE?

No

PRICING

\$599 direct



Spyglass, Inc.
1230 E. Diehl Road
Naperville, IL 60563

SALES CONTACT:
Phone: (708) 505-1010
Fax: (708) 505-4944
oemsales@spyglass.com
<http://www.spyglass.com>

SPYGLASS™ MOSAIC™

Spyglass Mosaic is open, adaptable client technology for building tailored, specialized applications for the Worldwide Web. It features an intuitive user interface, as well as: support for widely-accepted, proposed HTML ex-

tensions; built-in, safe electronic payment systems; fast navigation through documents both locally and on the Internet; a modular security framework; and a flexible application programming interface.

PLATFORMS SUPPORTED

Macintosh, UNIX, Windows, Windows 95, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (SSL), PCT

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

N/A (OEM volume licensing available)



Spyglass, Inc.
1230 E. Diehl Road
Naperville, IL 60563

SALES CONTACT:
Phone: (708) 505-1010
Fax: (708) 505-4944
oemsales@spyglass.com
<http://www.spyglass.com>

SPYGLASS™ SERVER SDK

The Spyglass Server SDK is a bullet-proof, high-performance development kit suitable for building applications ranging from high-traffic commercial sites to personal Web servers. At the core of the Spyglass Server SDK is an asynchronous server engine.

Surrounding the engine are the interfaces for application development, security, and customization of the user interface which allow Spyglass' OEM customers to build state-of-the-art online solutions.

PLATFORMS SUPPORTED

UNIX, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (SSL), PCT

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

N/A (OEM volume licensing available)

**SPYGLASS**

Spyglass, Inc.
1240 E. Diehl Road
Naperville, IL 60563

SALES CONTACT:
Phone: (630) 505-1010
Fax: (630) 505-4944
oemsales@spyglass.com
<http://www.spyglass.com>

SPYGLASS™ SERVER WEB TECHNOLOGY KIT AND CLIENT WEB TECHNOLOGY KIT

Spyglass™ Server Web Technology Kit

Spyglass' Server Web Technology Kit (WTK) is designed to make it easy to add HTTP server capabilities to other applications. At the core of the Server WTK is a high-performance HTTP server engine. Surrounding the engine are interfaces and modules that allow you to build state-of-the-art, Web-enabled solutions.

Spyglass™ Client Web Technology Kit

A collection of software components, Spyglass' Client Web Technology Kit (WTK) gives you the power to embed Web client functionality into any application. The Client WTK gives you easier methods for integration, more technology choices, and support for more platforms and devices than any other Web client solution available.

PLATFORMS SUPPORTED

UNIX, Mac, Windows,
Windows 95, Windows NT

ENCRYPTION STANDARDS SUPPORTED

SET, SSL, X.509, RC4,
RSA Public Key

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



**VeriFone Internet
Commerce Division**
800 El Camino Real
Menlo Park, CA 94025

SALES CONTACT:
Phone: (415) 617-8000
Fax: (415) 617-8019
<http://www.verifone.com>

vPOS

vPOS captures order and payment information. It then communicates directly with the appropriate system to obtain credit authorizations and process the transactions. vPOS has full payment point-of-sale functionality. The software provides a basic consumer interface, facilitates credits, reversals, voids, settlement/reconciliation — and generates receipts for the consumer.

vPOS also handles various administration functions. Merchants can review their transactions for fulfillment and inventory management, reconcile daily transactions for close of business and generate sales reports.

The vPOS utilizes RSA public key cryptography to provide secure communications from the consumer to the merchant and from the merchant to the acquirer/processor.

PLATFORMS SUPPORTED

UNIX, Windows,
Windows NT

ENCRYPTION STANDARDS SUPPORTED

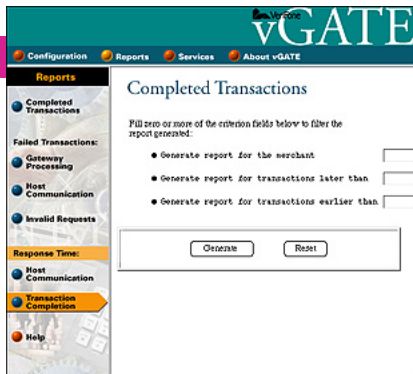
SET, SSL, PKCS, X.509,
DES, S/HTTP

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



**VeriFone Internet
Commerce Division**
800 El Camino Real
Menlo Park, CA 94025

SALES CONTACT:
Phone: (415) 617-8000
Fax: (415) 617-8019
<http://www.verifone.com>

vGATE

vGATE is a product that is sold to financial institutions to enable them to accept transactions and translate those transactions into the legacy host system's message format. vGATE is able to handle all the basics of consumer credit transactions including a basic consumer interface, facilitates credits, reversals, voids, and settlement/reconciliation.

vGATE utilizes RSA public key cryptography to provide secure communications from the consumer to the merchant and from the merchant to the acquirer/processor.

PLATFORMS SUPPORTED

UNIX, Windows NT

ENCRYPTION STANDARDS SUPPORTED

SET, PKCS, X.509, DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



**VeriFone Internet
Commerce Division**
800 El Camino Real
Menlo Park, CA 94025

SALES CONTACT:
Phone: (415) 617-8000
Fax: (415) 617-8019
<http://www.verifone.com>

vWALLET

vWALLET is an easy-to-use software application that provides a convenient, secure way for consumers to pay for Internet purchases. It is designed to support all major payment types and associated Internet protocols - such as credit card, debit card and electronic cash or check. Once the transaction is entered vWALLET stores it for use in other applications.

The vWALLET utilizes RSA public key cryptography to provide secure communications from the consumer to the merchant.

PLATFORMS SUPPORTED

Mac, Windows,
Windows NT

ENCRYPTION STANDARDS SUPPORTED

SET, SSL, PKCS, X.509,
DES, S/HTTP

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

Notarization & I.D. Systems



Pitney Bowes
 35 Waterview Drive
 P.O. Box 3000
 Shelton, CT 06484-8000

SALES CONTACT:

Tony Violante
 Phone: (203) 924-3255
 Fax: (203) 924-3523
 veritas@pb.com

VERITAS™ AUTHENTICATION SYSTEMS

Computer-generated documents, though easy to produce, are easy to replicate and alter, making them subject to fraud and/or tampering. Veritas™ is used to authenticate and validate any digitally printed document.

Veritas™ uses three technologies: RSA public key encryption, code compression, and 2D bar-codes. During authentication, an encrypted 2D barcode is printed on a document. The barcode is then

used to validate document integrity. The barcode is machine readable and can store a significant amount of data. By providing a way to automate data entry, retrieval, and verification, Veritas™ facilitates automation and process flow improvement efforts.

Veritas™ is literally a "black box" solution which easily integrates into existing systems. The Veritas™ system comes complete with Authenticator hardware, third-party 2D

barcode verifier(s), a developer's toolkit, and modem access to the Veritas™ Data Center (the central key management and authorization agent for all authentication and verifier devices). Veritas™ can also be used with smart and magnetic stripe card technologies or printable 2D matrix symbologies.

PLATFORMS SUPPORTED

DOS, Windows

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



[Click Here for Information about Digital IDs™](#)

- End Users**
request a Digital ID for your browser or e-mail
- Webmasters**
request a Digital ID for your web server
- Software Publishers**
request a Digital ID for software validation
- Receive**
a Digital ID that has been issued
- Revoke**
your Digital ID
- Find**
someone's Digital ID
- Check**
the validity of a Digital ID

[Go To VeriSign's Homepage](#)




VeriSign, Inc.

2593 Coast Ave.

Mountain View, CA 94043

SALES CONTACT:

Nyle Mameesh

Phone: (415) 961-7500

Fax: (415) 961-7300

sales@verisign.com

<http://www.verisign.com>

VERISIGN DIGITAL ID CENTER

The online VeriSign Digital ID Center is located at the company's secure operations facility in Mountain View, CA. It has been designed as a distributed processing system utilizing state-of-the-art Web technology, multiprocessor servers and transaction software. The Center operates 24 hours a day and 7 days a week, and is capable of issuing millions of Digital IDs for Internet and Web users.

Visitors to VeriSign's Digital ID Center can perform specific Digital ID functions — such as request a Digital ID (for individual, organization or software publisher), find a Digital ID (to send encrypted Internet messages to its owner), revoke (or cancel) a personal Digital ID, or simply look through an online information desk. This contains information to help visitors understand the technology of Digital IDs and how

to use them, a repository of legal practices and policies, and a list of revoked certificates. Typical uses for Digital IDs include Web site access (replacing passwords), secure Internet email, and identification authorization for Web-based financial services.

PLATFORMS SUPPORTED

Virtually all

ENCRYPTION STANDARDS SUPPORTED

S/MIME, S/HTTP, SSL, PKCS, PEM, X.509

EXPORTABLE VERSION AVAILABLE?

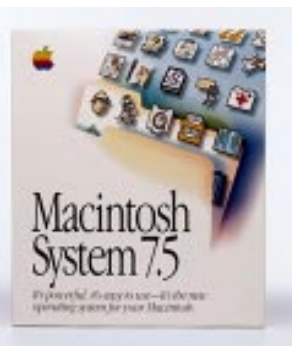
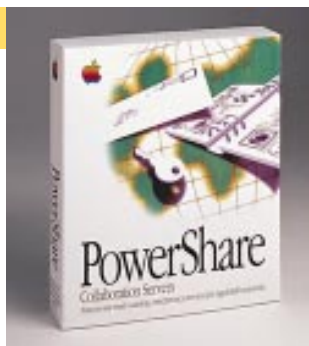
Yes

PRICING

Contact vendor

Operating Systems

POWERSHARE COLLABORATION SERVERS



Apple Computer
20525 Mariani Avenue
MS 81-PM
Cupertino, CA 95014

SALES CONTACT:

Phone: (800) 767-2775

Fax-back: (800) 505-0171

Network Information Line:
(408) 862-3385

POWER SHARE COLLABORATION SERVERS, AND SYSTEM 7.5

System 7.5 is the latest operating system for Macintosh® and PowerBook® computers. System 7.5's PowerTalk™ features a universal mailbox, AppleMail™ letter application, information cards, catalogs, the PowerTalk Key Chain, and DigiSign™ software. With PowerTalk you can exchange information — including files, folders and messages — through your personal desktop mailbox. The PowerTalk Key Chain secures your desktop

mailbox and lets you log onto multiple network services all through a single access code. And DigiSign™ software lets you sign, approve, and route documents, invoices, purchase orders, and other forms electronically.

PowerShare Collaboration Servers software offers easy-to-use mail, catalog, and privacy services for AppleTalk networks. PowerShare automatically authenticates network traffic and encrypts transmit-

ted data, allowing users to exchange sensitive information safely. The DigiSign™ software is based on the RSA Public Key Cryptosystem,™ and MD5™ technology is used to attach a digital signature to documents. In addition, RSA's RC4™ Symmetric Stream Cipher is used to convert passwords to keys and to encrypt all network communications between any two PowerShare clients.

PLATFORMS SUPPORTED

Macintosh

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

System 7.5: \$134;
PowerShare Servers: \$999



NOVELL®

Novell, Inc.
122 East 1700
South Provo, UT 84606

SALES CONTACT:
Phone: (801) 429-7000

NETWARE 4.1

NetWare 4.1 is the most powerful, scalable and flexible network operating system available today. It extends the capabilities of Novell's more than 11 years of proven technology, which is used by more than 40 million people worldwide. NetWare 4.1 gives administrators a single view of the network and graphical utilities that let them administer the network with simple point-and-click operations.

NetWare 4.1 reduces the cost of owning network hardware with features such as file-by-file compression, data migration and suballocation. NetWare 4.1 also provides RSA technology for state-of-the-art security, authentication and auditing capabilities that have made it the industry's most secure network operating system. Together with NetWare Directory Services™ (NDS™), this enables NetWare

4.1 to provide the platform for true distributed computing. With NetWare 4.1, network administrators can use a number of new utilities to create, move or modify objects; move subtrees; rename containers; merge directory trees; and rename directory trees.

PLATFORMS SUPPORTED

Macintosh, DOS, OS/2, Windows

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

Smartcards & Tokens



Chrysalis-ITS
380 Hunt Club Road
Ottawa, Ontario
Canada K1V 1C1

SALES CONTACT:

Blair Canavan

Phone: (613) 731-6788

Fax: (613) 731-1013

bcanavan@chrysalis-its.com

<http://www.chrysalis-its.com>

LUNA PCMCIA DIGITAL SIGNATURE AND ENCRYPTION TOKEN

The Luna token is a cryptographic module embodied in a type II PC Card (formerly known as PCMCIA). It is available with a choice of DLL: either a PKCS#11 version 1.0 compliant API or a Microsoft CryptoAPI 1.0 API. Versions of the library exist for the following operating systems: DOS, Windows 3.1, Windows 3.11, Windows 95, Windows NT 3.51, Windows NT 4.0 and Solaris 2.x.

The Luna token is designed to meet FIPS 140-1 Level 2 requirements. It offers the following cryptographic algorithms: DES, triple-DES (with both double and triple length keys), RC2, RC4, RC5, MD2, MD5, SHA-1, RSA, DH, and DSA.

The token's firmware can be upgraded securely in the field without any data being lost. It provides support for both symmetric and asymmetric key

management techniques and its random number generator (RNG) implementation is an enhanced version of ANSI x9.17 Annex C design. Key pair generation occurs on the token and the private keys can never be extracted from it. Any keying material stored on the token is password protected. The token also supports multiple users and multiple sessions.

PLATFORMS SUPPORTED

DOS, UNIX, Windows, Windows NT, Solaris

ENCRYPTION STANDARDS SUPPORTED

SSL, PKCS, PEM, X.509, DES, Nortel's CAST algorithm

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



FISCHER
INTERNATIONAL

**Fischer International
Systems Corp.**

3506 Mercantile Ave.
Naples, FL 34104-3310

SALES CONTACT:

Phone: (941) 643-1500

Fax: (941) 436-2586

info@fisc.com

<http://www.fisc.com>

SAFEBOOT

The SafeBoot security system prevents unauthorized users from accessing a PC. SafeBoot offers hard drive encryption and access control through SmartDisk hardware. During a simple 5 minute installation, the SafeBoot System Disk generates a unique encryption key, enables the two factor access control process, and encrypts the hard drive. SafeBoot prevents access to a PC unless the user inserts the

SmartDisk into the drive and enters the correct password. SafeBoot features hard drive encryption, boot sector virus protection, an automatic "time-out" feature, and much more.

PLATFORMS SUPPORTED

DOS, Mac, Windows,
Windows NT

ENCRYPTION STANDARDS SUPPORTED

RC5

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



FISCHER
INTERNATIONAL

**Fischer International
Systems Corp.**
3506 Mercantile Ave.
Naples, FL 34104-3310

SALES CONTACT:

Phone: (941) 643-1500

Fax: (941) 436-2586

info@fisc.com

http://www.fisc.com

CRYPTO SMARTDISK

Crypto SmartDisk is an intelligent security token that has all the power and functionality of a smart card in the form of a 3.5 inch floppy disk. The Crypto SmartDisk securely stores valuable information such as public/private keys, passwords and encryption keys in a tamper-proof key store in its crypto coprocessor. It has a "real-time" clock for date and time authentication and 2K or 4K of secure pass-

word-protected and encrypted memory. Crypto SmartDisk supports RSA, DES and DSA cryptographic algorithms. With the Crypto SmartDisk Toolkit, companies can develop and implement a comprehensive secure transaction solution.

PLATFORMS SUPPORTED

DOS, Windows,
Windows NT

ENCRYPTION STANDARDS SUPPORTED

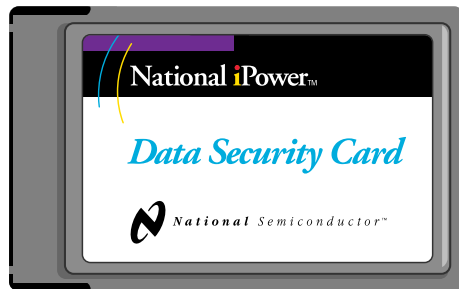
PKCS, DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



National Semiconductor Corporation
 1090 Kifer Road
 Mail Stop 16-225
 Sunnyvale, CA 94086-3737

SALES CONTACT:

Sandy Sanderson
 Phone: (408) 721-6601
 Fax: (408) 245-7906
sandy@ipower.nsc.com
<http://www.nsc.com>

IPOWER SECURITY CARDS

iPower technology™ embeds RSA digital signatures, message digests and encryption functions in a PCMCIA 2.1 compliant, personal, portable hardware token. iPower products have applications in data security, secured electronic messaging, workflow, electronic commerce, and information metering.

Hardware tokens protect the private keys of the RSA encryption algorithm using secure packaging technologies. We feel that public key hardware technology can enable secure, cost-effective electronic commerce.

PLATFORMS SUPPORTED

Windows, Macintosh

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), X.509, DES

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor

SESSION KEY AND RELATED APPLICATIONS

**Secured Communications Inc.**

87 Skyway Avenue,
Suite 200
Toronto, Ontario
Canada M9W 6R3

SALES CONTACT:

Robert Koblovsky

Phone: (416) 798-9600

Fax: (416) 798-9633

bob@secured.com

<http://www.secured.com>

SESSION KEY AND RELATED APPLICATIONS

The Session Key implements the PKCS-11 standard and CRYPTOKI interface (co-developed with and under the guidance of RSA) to provide BSAFE licensees with the added advantage, speed and protection of a hardware token (i.e. PCMCIA, magnetic card or smart card). All the codes/keys are resident on the Session Key with the host computer never seeing the keys.

Applications of the Session Key include secure e-mail, secure file transfer on Novell, and transparent file and disk encryption.

PLATFORMS SUPPORTED

DOS, OS/2, Windows,
Windows/NT, Windows 95

ENCRYPTION STANDARDS SUPPORTED

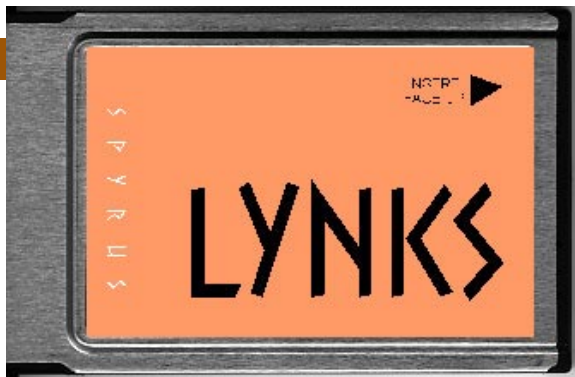
RSA (S/MIME), RSA (S/WAN),
RSA (PKCS), DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$395 U.S. (distributor
volume discounts)



SPYRUS

SPYRUS, Inc.

10320 Little Patuxent Pkwy
Suite 802
Columbia, MD 21044

SALES CONTACT:

Charles H. Scruggs, Jr.

Phone: (410) 964-6400

Fax: (410) 964-5154

info@spyrus.com

<http://www.spyrus.com>

LYNKs PRIVACY CARD™

The second generation LYNKS Privacy Card™ is a PC Card-based cryptographic module that implements multiple key transport, encryption, key wrap, hash, and digital signature algorithms in tamper-resistant hardware. This saves an application developer from dealing with the complexities of implementing these cryptographic algorithms in easily modified or by-passed software.

The LYNKS card is distinguished by its algorithm switching ability. The card switches to a specific set of algorithms by simply selecting one of the user certificates (or "personalities") stored on the card. The currently selected personality indicates which algorithms are to be used in subsequent operations. Only a single card is needed for communications with a variety of security-enhanced systems

like the Internet Privacy Enhanced Mail (PEM).

An interface library assists developers of crypto-aware applications in utilizing the LYNKS security services. The card's cryptographic functions are easily accessible through an Application Programming Interface (API). This approach provides a non-intrusive system to the end-user.

PLATFORMS SUPPORTED

Virtually all

ENCRYPTION STANDARDS SUPPORTED

PKCS, PEM, DES, Triple DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$94 and up, depending on quantity



Telequip Corporation

Telequip Corporation
20 Trafalgar Square
Nashua, NH 03063

SALES CONTACT

Renee Adams

Phone: (603) 598-1300

Fax: (603) 598-6724

rkadams@telequip.mv.com

CRYPTA PLUS™ CARD

The Crypta Plus™ flash memory card enables you to take one step further in protecting your private key. Embedded on this PCMCIA Type I device is a Cryptographic Support Processor (CSP) which is a secure tamper-proof, chip which houses your private keys so that they cannot be compromised under any circumstance. The CSP, in conjunction with host software, performs techniques such as

card lock/unlock, key generation, file encryption, and digital signatures. Security features include access control, secure remote logon, etc. The flash memory on the card allows you to conveniently and securely transport up to 16 megabytes of data in a credit card-sized package.

PLATFORMS SUPPORTED

DOS, Windows

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), DES, FIPS 140-1

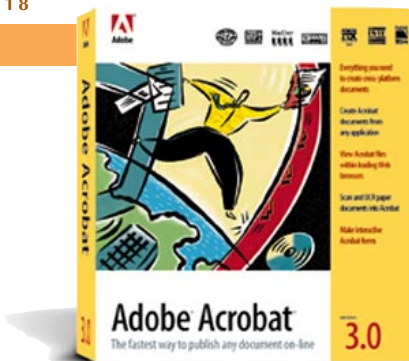
EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

Storage Management & Content Distribution



Adobe Systems, Inc.
1585 Charleston Road
Box 7900
Mountain View, CA
94043-7900

SALES CONTACT:
Phone: (415) 961-4400
Fax: (415) 961-3769
<http://www.adobe.com>

ADOBE® ADOBE® 3.0

Adobe® Acrobat® 3.0 software is the fastest way to publish any document on your corporate Intranet, the Web, or CD-ROM. Acrobat 3.0 gives you everything you need — Acrobat Exchange™, Acrobat Distiller®, Acrobat Catalog, and the new Capture plug-in — to create and distribute electronic documents that can be searched, hypertext linked, and even animated with QuickTime® movies. Acrobat

3.0 also includes an extensible API that enables plug-ins to provide additional functionality such as document authentication and RSA RC4 public key encryption.

Creating Portable Document Format (PDF) files from your favorite word processing software, business application, or desktop publishing tool is as easy as printing, and the results look exactly like the originals. Acrobat 3.0 lets you

view and browse PDF files seamlessly within the leading Web browsers and even fill in visually rich, interactive PDF forms. With the Capture plug-in, you can instantly scan and convert any printed document or TIFF image to PDF. And when CD-ROMs created with Acrobat software are uploaded to your Web site, all the links work automatically — no reauthoring is required.

PLATFORMS SUPPORTED

OS/2, Mac, UNIX,
Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

\$295 SRP



Digital Delivery
54 Middlesex Turnpike
Bedford, MA 01730-1417

SALES CONTACT:

Patrick Boyle

Phone: (617) 275-3830

Fax: (617) 275-3883

MCI Mail 475-9393

sales@digitaldelivery.com

<http://www.digitaldelivery.com>

TITLE BUILDER

Digital Delivery develops software for the distribution of products or proprietary information on a high-density storage medium, such as CD-ROM. The company's Title Builder software is licensed by software, proprietary information and database publishers to distribute data safely and cost-effectively. It is the only information access system with an integrated application for end-user browsing, naviga-

tion, order creation and installation. Title Builder has been evaluated and endorsed by RSA Labs.

RSA's RC2 and RC4 cryptosystems are essential Digital Delivery security strategy components. The use of these cryptosystems assures customers that only authorized individuals will access valuable data.

Other Digital Delivery security strategy elements:

- The use of three key strategies ("Multi-Key", "Package Key" and "Single Key") for flexibility and strength.
- An API provision for easy addition of additional cryptosystems.
- Support for variable key lengths and character sets.
- The ability to use multiple cryptosystems on a single CD-ROM, limiting opportunities for large volume reverse engineering.

PLATFORMS SUPPORTED

HPUX, IBM AIX, PC, Macintosh, Sun, X/Motif

ENCRYPTION STANDARDS SUPPORTED

DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

**Helpful Programs, Inc. (HPI)**

917-C Willowbrook Drive
Huntsville, AL 35802

SALES CONTACT:

Phone: (205) 880-8782

Toll Free: (800) 448-4154

Fax: (205) 880-8705

sales@instalit.com

VISUAL RELEASE WITH CRYPTO PACK

Project-oriented Windows-hosted product release tool with royalty-free scripted and scriptless installers for Windows. Installers can change national language during execution and share common language. Single file option. On-line help, drag-and-drop selection, compression, patching, script writer, master diskette builder, duplication and autoloader interface, interactive script and dialog box editor. Install, uninstall, and preview modes, gauges, scripted

file editing, serialization, flexible file handling.

Supports robust file version control, files in use, registry, icons, scripting any Windows dialog, DDE, install help, DLLs, more. Specify installer national language. Entire product is translatable as is. Allows encrypted file and product distribution including locked CD-ROM, diskette or e-mail. Use for data confidentiality or to control allowances of installation process. Supports permanent key and "ever-changing"

key modes. Ever-changing keys allow uncontrolled distribution because the same access key never works twice, even from CD-ROM. Voice key exchange can occur after payment arrangements. Adds RSA RC4 and public/private key cryptography.

Scripted executables at each end can swap control, exchange and run scripts, etc. Supports TCP/IP, NetBios, IPX, and Z-Modem. Single server, unlimited client license. Server distribution licenses available.

PLATFORMS SUPPORTED

Windows, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$448 Windows, \$597 Win/NT;
with Client-server Pack: \$597
Windows, \$746 Win/NT



Helpful Programs, Inc. (HPI)
917-C Willowbrook Drive
Huntsville, AL 35802

SALES CONTACT:

Phone: (205) 880-8782

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Fax: (205) 880-8705

sales@instalit.com

HPIOMNI/CRYPTO™

hpiOMNI/Crypto™ is a scripted local or remote installer with integral compression and communications. hpiOMNI is a communicating (Z-Modem, IPX, NetBIOS) version of INSTALIT Extended Edition (see separate description). Unlike INSTALIT, however, compression is included within hpiOMNI, rather than in a separate utility. hpiOMNI units can exchange and run scripts for sophisticated distri-

bution and installation, directory synchronization, hardware and software inventory, scripted remote backup, etc. As with INSTALIT, translations and cryptographic versions are available. Easily able to transmit just the files found to be necessary for an update and do patches. Crypto versions can electronically and automatically exchange keys. hpiOMNI can be sold to an existing INSTALIT licensee or

to anyone interested in a communicating compressor and batch file compiler.

RSA encryption technologies enable private and mass distribution of data and other software.

PLATFORMS SUPPORTED

DOS, Windows

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

N/A

PRICING

Starting at \$249

**Helpful Programs, Inc. (HPI)**

917-C Willowbrook Drive
Huntsville, AL 35802

SALES CONTACT:

Phone: (205) 880-8782

Toll Free: (800) 448-4154

Fax: (205) 880-8705

sales@instalit.com

INSTALIT/CRYPTO

INSTALIT/Crypto is a full-featured scripted installation system. INSTALIT/Crypto Extended Edition adds scripted patching, diskette duplication, a more robust uninstall, scripted library management, Distribution Desktop for Windows and more. Crypto versions allow encryption of files and pre-purchase shipment of locked products. Specify national language. Multibyte ready. Translation packs pro-

vide fourteen ready-to-use languages (except script text and except VBX) including Chinese (Taiwan), Danish, Dutch, English, Finnish, French, French Canadian, German, Italian, Japanese, Norwegian, Portuguese, Spanish and Swedish. INSTALIT/Crypto is fully network compatible.

Customer must call HPI in order to obtain a key to install all versions of INSTALIT/Crypto. Crypto versions make

it practical to distribute an entire product line of diskettes, CD-ROMs, or electronically distributed software with payment required for install of non-demo versions.

RSA encryption technologies enable private and mass distribution of data and other software.

PLATFORMS SUPPORTED

DOS, Windows,
Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS)

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Starting at \$249



InfoNow™
CORPORATION

InfoNow Corporation
4001 Discovery Drive, Ste. 230
Boulder, CO 80303

SALES CONTACT:

John Ball

Phone: (303) 442-6666

Fax: (303) 786-8473

jpball@infnnow.com

ELECTRONIC SOFTWARE CATALOGS

InfoNow develops and markets CD-ROM based electronic software catalogs, from which customers can shop and purchase software products. The catalogs are private-labeled for companies such as Compaq (Store-on-a-Disc), IBM (Software Options by IBM), and The Programmer's Shop (CD Select). These catalogs are loaded with encrypted software titles from a diverse mix of software publishers, and allow buyers to review

products and marketing literature at their personal computer.

The shopping experience is expanded far beyond current retailing by allowing customers to actually try full versions of the software before purchasing. Purchase is simple: the customer makes a toll-free call to place an order, provides a credit card number and is issued a "key" which when typed into their personal computer, unlocks, or decrypts, the

software program stored on the CD and installs it on the PC. InfoNow employs RSA Data Security's RC4 and RC2 encryption algorithms to ensure the consumer pays for the software and accepts the product's license agreement, before the product is installed from the CD. InfoNow adds its own proprietary security mechanisms to RSA's encryption technology.

PLATFORMS SUPPORTED

Windows

ENCRYPTION STANDARDS SUPPORTED

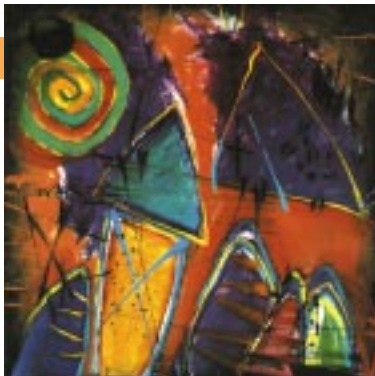
N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor



The Knowledge Transfer Company

KT Solutions, Inc.
70 Washington Street,
Suite 220
Oakland, CA 94607

SALES CONTACT:
Phone: (510) 251-6230
Fax: (510) 251-6235
ktsolutions.com

SOFTWARE TRAINING AND DEMONSTRATION MULTIMEDIA

KT Solutions specializes in creating high quality interactive multimedia marketing and training solutions for computer applications.

Since 1986, KT Solutions (formerly Qtrain Corporation) has utilized its proprietary tools and technologies to develop multimedia knowledge transfer solutions for Fortune 1000 companies. These multimedia software demonstra-

tions can be delivered via CD-ROM, networks, or over the Internet. KT Solutions has the ability to employ RSA encryption to ensure secure content delivery for corporate clientele disseminating sensitive information.

In addition to its custom work, KT Solutions also markets a full library of multimedia courseware for commercial DOS and Windows

applications including courses for DOS, Windows, Windows 95, WordPerfect and the Microsoft Office.

PLATFORMS SUPPORTED

DOS, Windows, UNIX

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor

SECUREDISTRIBUTION

Secure Distribution
70 Washington Street,
Suite 220
Oakland, CA 94607

SALES CONTACT:
Secure Distribution
Phone: (510) 251-6234
Fax: (510) 251-6235

SECURE DISTRIBUTION SERVICES

Secure Distribution, a VAR for RSA Secure, distributes a growing list of RSA enabled security products. Secure Distribution was founded to be the one stop shopping source for information security products for Fortune 1000 companies and Government entities.

Secure Distribution may also be the right choice for development companies looking for a marketing partner. Many companies concerned about the high costs and time involved in building a direct sales organization have successfully partnered with Secure Distribution.

PLATFORMS SUPPORTED
N/A
ENCRYPTION STANDARDS SUPPORTED
N/A
EXPORTABLE VERSION AVAILABLE?
N/A
PRICING
Contact vendor



SOFTWARE PARTNERS/32, INC.

Software Partners/32, Inc.

447 Old Boston Road
Topsfield, MA 01983

SALES CONTACT:

Constance McMahon

Phone: (508) 887-6409

Fax: (508) 887-3680

info@SoftwarePartners.com

www.SoftwarePartners.com

STORAGECENTER®

StorageCenter® is a complete storage management solution for distributed computing. It fits any client-server configuration and supports a wide variety of backup devices including tape, optical, robot libraries, and jukeboxes.

StorageCenter integrates three key storage management functions into one powerful software package:

- The Media Management module allows administrators

to track the usage, content, location, and expiration of every media volume.

- The Backup and Restore module enables users to back up files, directories, or file systems from any machine on the network to any available device and to easily restore them.

- The Archiving module is a powerful tool for capacity management. It offers a Grooming function for clean up and a Make Space function

for capacity management. Removed files may be shelved to tape or permanently deleted.

RSA encryption technology is used to secure the stored data using the RC2 Algorithm. In a networked environment, StorageCenter uses the RSA algorithm to provide node authentication and RC2 session key encryption.

PLATFORMS SUPPORTED

SunOS, Solaris, AIX, HP/UX, Digital UNIX, Windows NT

ENCRYPTION STANDARDS SUPPORTED

RC2

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Around \$250 per user

Telephony, Modems & Fax



**AT&T Secure
Communications Products**
P.O. Box 20046
Greensboro, NC 27420

SALES CONTACT:
Customer Service Center
Phone: (800) 243-7883

SECURE VIDEO DOCKING UNIT

AT&T now offers a full-featured Secure Video Docking Unit that turns your AT&T secure telephone into a secure videotelephone. When attached to the base of any AT&T Secure Voice/Data Terminal, our Video Docking Unit allows you to conduct secure point-to-point videoconferences through its compact monitor and camera. And it transmits high-resolution im-

ages in still-frame mode when connected to a scanner. All from your desktop.

Video capability makes the AT&T Secure Voice/Data Terminal the most full-featured secure communications product on the market — offering dial-up secure video transmission, encrypted voice, secure and clear speakerphone, unattended access, secure facsimile transmission, remote

computer access, electronic mailbox connectivity and more.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor

**COGON Electronics, Inc.**

Cogon Electronics, Inc.

P.O. Box 158

Culpeper, VA 22701

SALES CONTACT:

Kevin Hales

Phone: (800) 418-1482

Fax: (703) 349-4604

cogon@aol.com

AQUAFONE SECURE VOICE AND DATA SYSTEM

AquaFone provides secure real-time voice and data communications over telephone lines at a fraction of the cost of other systems. AquaFone runs under Windows and will soon be available for Mac OS. No exotic or expensive hardware is required; the Windows version requires only a 386DX40 cpu, a Windows-compatible sound card and a 9600 bps modem. Simultaneous speech and data transfers are supported. The Win-

dows and Mac OS versions
will be interoperable.

Speech quality is very good and allows speaker identification. AquaFone uses the Diffie-Hellman key exchange algorithm, and thereby eliminates the need for the user to remember or carry a password. All speech and data is encrypted with Triple DES for a high level of security.

Anyone who travels with a computer can now have secure communications without

carrying extra equipment, and AquaFone's low cost makes it attractive for desktop use.

PLATFORMS SUPPORTED

Macintosh, Windows,
Windows NT

ENCRYPTION STANDARDS SUPPORTED

RSA (PKCS), DES

EXPORTABLE VERSION AVAILABLE?

No

PRICING

\$129



INET, Inc.

1255 W. 15th Street, Suite 600
Plano, TX 75025-7270

SALES CONTACT:

Gregory A. Yates

Phone: (214) 578-6135

Fax: (214) 578-6113

greg_yates@inetinc.com

<http://www.inetinc.com>

SPIDER-CDPD MODEM

INET offers the first CDPD product to be PCMCIA Type III supported. The unit is complete, with no external power or cables required. Power is supplied by the notebook using the modem. Spider's unique serial interface is compatible with all TCP/IP SLIP products. Watch for more Spider products from INET throughout 1996.

PLATFORMS SUPPORTED

DOS, Mac, Windows

ENCRYPTION STANDARDS SUPPORTED

CDPD

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$895



JONES FUTUREX.

Jones Futurex, Inc.
3715 Atherton Road
Rocklin, CA 95765

SALES CONTACT:

Robert "Skip" Norton

Phone: (916) 632-3456

Toll Free: (800) 251-5112

Fax: (916) 632-3445

JFX SAFE VAULT

The JFX SAFE Vault assures complete fax privacy for the transmission and reception of sensitive information. The JFX SAFE Vault is easy to install and once the Vault network is in place, patented technology provides a number of unique protective features including fax authentication, automatic key management and random key generation, access control, hard copy audit trail and confidential fax mailboxing for up to twenty users.

A secure fax network is created when the Vault is placed at every sensitive fax site, preempting any attempt to pirate information sent via fax. The Vault acts as an "electronic, bonded courier," securing fax communications by authenticating both the sending and receiving parties and encrypting the information over the telecommunication network. A new key is created for each and every transmission, with a virtually infinite supply of

new keys available. In addition, the Vault will hold all received documents in memory, until the receiving party retrieves the message with his or her unique PIN access code.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

DES

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact Vendor

**Lucent Technologies -
Secure Communications
Systems**
Guildford Center
P.O. Box 26124
Greensboro, NC 27420-6124

SALES CONTACT:
Customer Service Center
Phone: (800) 243-7883
Fax: (910) 279-5140
<http://www.ats.lucent.com>

LUCENT SURITY™ DATA DEVICE 1910

- Provides STU-III data security in a product specifically designed to support dial-up data applications such as secure bulletin boards or secure remote access
- Provides secure data transmission at rates up to 38.4 Kbps
- Uses error correction to ensure reliable data transmissions
- Protects classified facsimiles, electronic mail & computer communications over the public switched telephone network
- Interoperates with embedded base of STU products as well as with future secure terminal equipment (STE)

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor

**Lucent Technologies -
Secure Communications
Systems**

Guildford Center
P.O. Box 26124
Greensboro, NC 27420-6124

SALES CONTACT:

Customer Service Center
Phone: (800) 243-7883
Fax: (910) 279-5140
<http://www.ats.lucent.com>

LUCENT SURITY™ FACSIMILE DEVICES 3700/3710

- Convenient way to protect facsimiles and make certain they go only where you want them to go
 - Electronic keys verify your fax is sent where you intended — forming a protected, closed network
 - Can be attached between a Group 3 fax machine & phone jack
 - Touch-screen display makes the product simple to operate
- Electronic mailbox (model 3710) stores facsimiles until you are ready to retrieve them with your personal PIN number
 - Generates an audit trail of all fax traffic for the attached fax machine

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor

**Lucent Technologies -
Secure Communications
Systems**
Guildford Center
P.O. Box 26124
Greensboro, NC 27420-6124

SALES CONTACT:
Customer Service Center
Phone: (800) 243-7883
Fax: (910) 279-5140
<http://www.ats.lucent.com>

LUCENT SURITY™ TELEPHONE DEVICE 3600

- Plugs between the base and handset of your telephone to protect your sensitive calls
- One-button operation to switch between secure & non-secure calls
- Small, lightweight & portable
- Plug-in modules provide compatibility with phones used at work, home, or on the road
- Provides superior voice quality
- Available in a transportable cellular configuration (model 9300)
- Interoperates with models 4100 & 2100 (in TSD mode) & the Slice™ CSD hand-held cellular solution from Cycomm

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor

**Lucent Technologies -
Secure Communications
Systems**

Guildford Center
P.O. Box 26124
Greensboro, NC 27420-6124

SALES CONTACT:

Customer Service Center

Phone: (800) 243-7883

Fax: (910) 279-5140

<http://www.ats.lucent.com>

LUCENT SURITY™ CONFERENCING SYSTEM 5000

- Delivers secure conferencing capability to your desktop
- Links up to 16 model 1100 secure telephones on a single call
- Turns your DOS-based 386 or 486 PC into an easy-to-use control center for secure conferencing
- Components include special software & PC-based conferencing and bridging boards
- Optional software package allows you to broadcast secure data & facsimiles

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor

**Lucent Technologies -
Secure Communications
Systems**

Guildford Center
P.O. Box 26124
Greensboro, NC 27420-6124

SALES CONTACT:

Customer Service Center
Phone: (800) 243-7883
Fax: (910) 279-5140
<http://www.ats.lucent.com>

LUCENT SURITY™ 1100 VOICE/DATA TELEPHONE

- Combines third generation secure terminal unit (STU) voice & data in one convenient product
 - Provides superior voice quality
 - Protects classified phone calls, facsimiles, electronic mail & computer communications
 - Interoperates with embedded base of STU products as well as with future secure terminal equipment (STE)
- Supports classified conference calls when used with the Lucent Surity 5000 Conferencing System
 - Supports unclassified secure voice calls with users of STU-III terminals
 - Supports secure voice calls (in TSD mode) with users of the Lucent Surity 2100 Voice/Data Telephone

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor

LUCENT SURITY™ VOICE/DATA TELEPHONE 2100 & 4100

**Lucent Technologies -
Secure Communications
Systems**

Guildford Center
P.O. Box 26124
Greensboro, NC 27420-6124

SALES CONTACT:

Customer Service Center
Phone: (800) 243-7883
Fax: (910) 279-5140
<http://www.ats.lucent.com>

LUCENT SURITY™ VOICE/DATA TELEPHONE 2100 & 4100

- Combines secure voice & secure data in one convenient product
 - Provides superior voice quality
 - Protects phone calls, facsimiles, electronic mail & computer communications
 - Supports unclassified secure voice & secure data calls with users of STU-III terminals
- Supports unclassified conference calls when used with the Lucent Surity 5000 Conferencing System
 - Supports secure voice calls (in TSD mode) with users of the Lucent Surity 3600 Telephone Security Device
 - Model 4100 with exportable encryption supports international applications

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor


MOTOROLA

**Motorola Secure
Telecommunications**

PO Box 9040
Scottsdale, AZ 85252-9040

SALES CONTACT:

Phone: (602) 441-4300

SECTEL MMT 3500 SECURE PHONE

The SECTEL MMT (Multimedia Terminal) 3500 is a breakthrough in contemporary telecommunications technology — a desktop unit which ends the current separation between security and multiple telecommunications devices.

The MMT 3500 manages all of your conversations efficiently with features like speakerphone, redial, speed dial and hookflash. Connect your PC or fax to the MMT 3500 for conventional or en-

crypted transfers of sensitive data. When you're away from your office, the MMT 3500 acts as an access-control on your network, securing data exchanges with a pre-authorized community. You can even add a SECTEL Video Docking Unit for full-color motion video. The SECTEL MMT 3500 uses robust transparent & automatic public key encryption and authentication technology.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor

**MOTOROLA**

**Motorola Secure
Telecommunications**

PO Box 9040
Scottsdale, AZ 85252-9040

SALES CONTACT:

Phone: (602) 441-4300

SECTEL MICROMMT SECURE MODEM

Now, Motorola has the perfect solution to your need for communications security: the SECTEL MicroMMT! The MicroMMT is packed with powerful flexibility — the single unit can provide protection for voice, data, fax, cellular and/or video communications.

The MicroMMT will work with the worldwide base of SECTEL commercial commu-

nications products, such as the MFAX and SECTEL 9600. With the touch of a button, Motorola's internationally accepted robust encryption, combined with RSA's public key technology assures you of excellent security for your critical communications.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

\$1595

Wireless Communications



AirLink Communications, Inc.
4300 Stevens Creek Blvd.,
Suite 275
San Jose, CA 95129

SALES CONTACT:

Ray Fasnacht

Phone: (408) 261-6602

Fax: (408) 261-6680

info@airlink.com

<http://www.airlink.com>

CDPD AND PACT AIRLINK PROTOCOL STACKS

Airlink's CDPD Protocol Stack includes all layers of the Cellular Digital Packet Data (CDPD) airlink protocols needed to develop a CDPD modem.

The pACT Airlink Protocol Stacks includes all layers of the personal Air Communications Technology (pACT) airlink protocols needed to develop a pACT subscriber unit.

Both interface to Diffie-Hellman and RC4 encryption functions.

The MAC, MDLP, SNDCP, RRM, MNRP, SME, and integrated TCP/IP are written in ANSI C for easy porting.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

CDPD

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor



AirLink Communications, Inc.
4300 Stevens Creek Blvd.,
Suite 275
San Jose, CA 95129

SALES CONTACT:

Ray Fasnacht

Phone: (408) 261-6602

Fax: (408) 261-6680

info@airlink.com

<http://www.airlink.com>

CDPD AND PACT NETWORK EMULATORS

The CDPD Network Emulator performs the functions of the CDPD MD-IS and MDBS by implementing the complete set of airlink protocols in a PC, thus giving CDPD modem developers the ability to completely test their devices in the lab without requiring a connection to a real CDPD network.

Airlink's pACT Network Emulator performs the functions of the personal Air

Communications Technology (pACT) PD-IS and PDBS by implementing the airlink protocols in a PC, thus giving pACT developers the ability to completely test their modem devices in the lab without requiring a connection to a real pACT network.

Both include Diffie-Hellman key exchange and RC4 encryption.

PLATFORMS SUPPORTED

DOS

ENCRYPTION STANDARDS SUPPORTED

CDPD

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

Contact vendor



CINCINNATI MICROWAVE

Cincinnati Microwave
One Microwave Plaza
Cincinnati, OH 45249-9502

SALES CONTACT:

Mark Schneider

Phone: (513) 247-4251

Fax: (513) 247-4109

mschneid@cnmw.com

<http://www.cnmw.com/>

[welcome.htm](http://www.cnmw.com/welcome.htm)

MC-DART 200 CDPD WIRELESS MODEM

Cincinnati Microwave's MC-DART 200 is a multi-purpose, wireless data modem designed to provide reliable, cost-effective data communications over the CDPD (Cellular Digital Packet Data) network.

The MC-DART 200 is ideal for use in applications such as fixed and mobile telemetry, SCADA, dispatch, AVL/GPS, field service, fleet management, point of sale, and ATMs.

The MC-DART 200 offers easy operation, durability and flexibility, resulting in an economical communications solution. Additionally, secure transmissions are provided through the use of RSA Data Security's RC4 and Diffie-Hellman encryption technologies.

PLATFORMS SUPPORTED

DOS, OS/2, Mac, UNIX,
VAX, Windows

ENCRYPTION STANDARDS SUPPORTED

CDPD

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

US\$445

LUCENT SURITY™ TRANSPORTABLE CELLULAR TELEPHONE 9300

**Lucent Technologies -
Secure Communications
Systems**

Guildford Center
P.O. Box 26124
Greensboro, NC 27420-6124

SALES CONTACT:

Customer Service Center

Phone: (800) 243-7883

Fax: (910) 279-5140

<http://www.ats.lucent.com>

LUCENT SURITY™ TRANSPORTABLE CELLULAR TELEPHONE 9300

- Convenient & reliable way to protect your sensitive cellular calls
 - Uses state-of-the-art encryption technology
 - An audible tone & easy-to-read display let you know your call is protected
- Offers superior voice quality
 - Interoperates with models 4100 & 2100 (in TSD mode) & the Slice™ CSD hand-held cellular solution from Cycomm

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor

**Lucent Technologies -
Secure Communications
Systems**
Guildford Center
P.O. Box 26124
Greensboro, NC 27420-6124

SALES CONTACT:
Customer Service Center
Phone: (800) 243-7883
Fax: (910) 279-5140
<http://www.ats.lucent.com>

THE SLICE™ CSD CELLULAR SECURITY DEVICE

- The Slice™ CSD slides between the cellular phone's handset & battery
- The Slice offers easy push-button operation similar to the TSD
- Provides superior voice quality
- Interoperates with the model 3600 & models 2100 & 4100 (in TSD mode)

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor



Metricom, Inc.
980 University Ave.
Los Gatos, CA 95030

SALES CONTACT:

Phone: (800) 434-4460

Fax: (408) 354-5147

<http://www.metricom.com>

RICOCHET WIRELESS MODEM

The Ricochet wireless modem is a plug-compatible replacement for a phone modem and a phone line.

Metricom provides the Hayes AT command set for compatibility with any computer. Ricochet's over-the-air data is encrypted using the

RC4 algorithm with session keys renegotiated continuously using Diffie-Hellman key exchanges. The session keys can be up to 255 bits long.

PLATFORMS SUPPORTED

Virtually all

ENCRYPTION STANDARDS SUPPORTED

N/A

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Contact vendor



**Pacific Communication
Sciences, Inc.**

10075 Barnes Canyon Rd.
San Diego, CA 92121

SALES CONTACT:

Bob Hillman

Phone: (619) 535-9500

Fax: (619) 535-9235

bh@pcsi.com

UBIQUITY CDPD COMMUNICATIONS PRODUCTS

The Ubiquity series is a complete wireless and wireline data and voice communications system for Windows and MS-DOS compatible computers, including the new cellular data service CDPD (Cellular Digital Packet Data). The Ubiquity CDPD series features RSA's RC4 Symmetric Stream Cipher and Diffie-Hellman key negotiation for cellular session encryption and authentication.

The Ubiquity 2000 consists of a communications module that the user connects to a computer via a standard COM serial port. It may even be mounted to the computer's display screen to provide a single, easy-to-transport package that satisfies all of your computer and communications needs.

With the Ubiquity 2000, your computer has a wireless CDPD modem, a cellular

wireless data/fax modem (for when you don't want to use CDPD), a cellular phone, a high-speed wireline data/ fax modem, and a wireline voice telephone, all in one compact, lightweight module. The result is a communications capability sophisticated enough to use at corporate headquarters, flexible and rugged enough to operate at remote job sites.

PLATFORMS SUPPORTED

DOS, Windows

ENCRYPTION STANDARDS SUPPORTED

CDPD

EXPORTABLE VERSION AVAILABLE?

No

PRICING

Starting at \$1,495



Retix
2401 Colorado Avenue
Santa Monica, CA 90404

SALES CONTACT:
Jeff Curtis
Phone: (310) 828-3400
Fax: (310) 828-2255
jeff-curtis@retix.com
<http://www.retix.com>

MD-IS SERVING APPLICATION & MD-IS HOME APPLICATION

The Retix Mobile Data Intermediate System (MD-IS) products are used by cellular service providers for building wireless data communications networks and employ the RC4 encryption algorithms as specified in Version 1.1 of the CDPD specification. The use of this technology within CDPD ensures the integrity of the wireless network.

The authentication components prevent unauthorized users from registering on a CDPD network. The encryption components ensure that valuable data can be safely transmitted over the airlink, opening CDPD service to key vertical markets such as banking and finance.

PLATFORMS SUPPORTED

UNIX

ENCRYPTION STANDARDS SUPPORTED

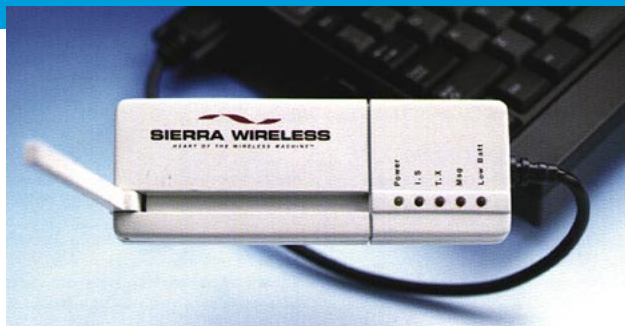
CDPD

EXPORTABLE VERSION AVAILABLE?

Yes

PRICING

\$48,000 and up




SIERRA WIRELESS

Sierra Wireless
 13151 Vanier Place #260
 Richmond, B.C.
 Canada, V6V 2J2

SALES CONTACT:
 Phone: (604) 231-1100
 Fax: (604) 231-1109

POCKETPLUS MODEM

The PocketPlus is the smallest, most flexible portable modem available for cellular data service. Affordable and easy to use, the PocketPlus adapts to both landline and wireless use. It is fully self-contained, with cellular radio transceiver, external flip-up antenna, rechargeable batteries, and full-featured fax/modem — all in one extremely compact, ruggedly built, light-weight package.

A simple serial port connects the PocketPlus to millions of portable computers. You can choose your optimal path — CDPD packet data, circuit-switched cellular data and fax, or landline 14,400bps, V.32bis and V.17Fax. And bundled software supports many existing modem/fax applications, offering plug-and-play application support, user mode selection, and other user-configurable options.

PLATFORMS SUPPORTED

N/A

ENCRYPTION STANDARDS SUPPORTED

CDPD

EXPORTABLE VERSION AVAILABLE?

N/A

PRICING

Contact vendor

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