



## The Data Security Problem

PC's are easy to hack. Laptops are easy to steal. Professional hackers pass through firewalls undetected daily, and an unguarded moment at an airport can mean the loss of an executive's laptop containing millions of dollars of proprietary information. How can we benefit from the Internet without compromising our information?

Every day businesses are learning that their competition will stop at nothing, including data thievery, to steal an advantage. Employing hackers, insiders, and the will to win, somebody is waiting to take what is yours. You can take measures to protect your business now, before disaster strikes, or you can wait until your competition has struck.

- **Confidential data loss via email is up 356%. (In Depth Interactive)**
- **224 laptops where stolen / lost from the FBI in 1999-2002**
- **We are increasingly becoming dependent on computers in our day-to-day life. More and more people are using computers to create and store sensitive and confidential information.**
- **Today, anyone from an unfriendly government to a teenager can penetrate rather easily even highly protected computer systems.**
- **While computers become a bigger part of our lives, they also become increasingly more vulnerable to unauthorized access and abuse.**
- **The benefit of using Laptop computers may sometimes be outweighed by the danger of having it stolen or lost.**
- **Even if a PC is protected from unauthorized access, there is still the risk of having it stolen and broken into, exposing all of its contents.**
- **It is important to note that employees and insiders represent 70% of all attacks on computer networks.**
- **Computer crackers and hackers incessantly infiltrate corporate websites and internal networks, despite the prevalence of state-of-the-art security systems.**

## The Data Security Challenge

To provide:

- Comprehensive solution that will elevate the security level.
- Simple interoperability with of the company existing network.
- Easy to deploy and use.



# VME Office™ 2004

## The Solution: VME Office™ 2004

**Meganet Corporation** has compiled an unparalleled security application that introduces every feature included in the Virtual Matrix Encryption engine. While other encryption products build a shell around the algorithm to support some of the features, **VME Office™** features all of the options built into the algorithm.

**VME Office™** is data security suite of applications for preserving the integrity and secrecy of electronic data while stored transferred or communicated in real time using PKI and or symmetric encryption. **VME Office™**, the company's leading product, is a suite of integrated applications that answer virtually 100% of the data security needs of any organization. It costs as a single product and provides seamless and transparent encryption.

**VME Office™** solves the biggest issue with data security products – interoperability. Organizations have spent large amounts of money buying different solutions from different vendors to solve their data security needs, just to find that the products do not interact, are not compatible, and worse, do not comply by any standard.

**VME Office™** provides a complete solution to all of the above by providing a single product solution that is compliant with the US Government standards and at the same time implements the solution through the full spectrum of modules needed by the organization. No other product in the market today provides anything that even resembles the features of VME Office™

## Product Benefits

**VME Office™** provides solutions for the following issues:

- **Seamless Integration**
- **Central Enterprise User & Administration**
- **Easy to Use & User friendly Interface**
- **Optional Key Recovery delegated for 2 Administrators**
- **Unlimited Scalability as a client product**
- **Automatic Deployment of Application across the Enterprise**

## Product Features

- **One-million bit key** four 2048 bit keys, four 512 bit keys and a unique 2048 bit transaction key.

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- **File Level Encryption**, allowing encryption of single files. The file level is done at the binary level, so any file can be encrypted, regardless of type. Paired with the optional USB Drive, it gives a portable secure solution to files up to 2GB in size.
- **Directory Level Encryption** allows whole directories and even whole hard drives encryption with a single click of a button.
- **Text and Image Cut-N-Paste Encryption** allows cut-n-paste encryption using **Ctrl+C+C** hot keys from within any OLE application, allowing the user to encrypt partial text and/or image messages in Word, Excel, Outlook and hundreds more applications. Using it together with an e-mail application like Outlook gives an instant encrypted e-mail solution.
- **Secure Chat** allows transparent Encrypted Chat, allowing the users to communicate securely over the internal network or across the world over the Internet.
- **Secure FTP** allows the user transparent encryption and transport of files to a remote FTP site in a single click, whether it is for backup purposes, sharing or archiving.
- **Secure File Transfer** allows a simple method of sending encrypted files using your outlook email client.
- **Secure File Shredder** allows to completely destroying files you want to absolutely delete.
- **Profile Manager** allows a unique way of managing multiple passwords and keys for a single session, allowing a much higher level of security with the simplicity of a single click. That makes this product the only one on the market that is not vulnerable to worms, Trojan horses or even tools such as magic lantern.
- **Encrypted profiles** create multiple profiles to organize the way you communicate.
- **Keybook Manager** allows managing large amounts of profiles for the whole organization, allowing easy management of large quantity of keys both on the user level and the administrator level.
- **PKI – Public Key Infrastructure** – using the **RSA™** Key Exchange scheme for transparent and automatic key generation and exchange across the entire organization.

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- **Targeted delivery** - only the recipient with the correct serial number can decrypt.
- **Date limit** -set a date range and even with the correct keys decryption will be impossible when it expires.
- **LDAP** – retrieval of certificates from the Active Directory.
- **Key Recovery** mechanism allows administrator to recover passwords in case of emergency or lost passwords. Recover process requires two administrators with appropriate private key installed in order to retrieve a password.

## Technical Requirements

### VME Office™ Required System Platform:

- **MS Windows 98/NT/ME/2K/XP** *Minimal system requirements*
- **Internet Explorer 5.01 SP2 or later**
- **Active Directory Client Extensions for Windows 98 and Windows NT Workstation 4.0**
- **Microsoft Outlook 2000 SP3 (for Send To feature)**