SPHINX LOGON MANAGER

Sphinx Logon Manager stores user names and passwords and facilitates logon to Windows, networks, websites and applications.

Sphinx stores user data in encrypted form on a smart card, providing a high level of security and portability.

Figure 1: To logon to Windows, enter Sphinx card PIN and click on OK button.

Figure 2: To logon to website or application, double-click on an entry and click on the "Logon Now" button.

How it Works

▪ User only has to remember one PIN, to gain access to the data on their Sphinx card.

▪ Sphinx card securely stores all other user names and passwords for logon to Windows, networks, websites, and applications.

▪ User logs onto Windows by inserting Sphinx card in smart card reader and entering Sphinx card PIN. Windows user name, password, and domain are transferred from Sphinx card to the Windows logon process, and user is logged on.

▪ User logs on to website or application by double-clicking on entry in Sphinx and clicking on the Sphinx "Logon Now" button. User name and password are transferred from Sphinx card to website or application, and user is logged on.

▪ Sphinx securely stores address, email, and credit card information, which user can "drag and drop" into web or application entry fields.

Requirements:

PC operating system:
Windows 95+, NT 4.0, 2000.

Browser:
Internet Explorer 5.5.

Smart card operating system:
CardOS M2, Windows for Smart Card, others upon request.

Smart card reader:
PC/SC compatible reader.

Security and Portability with Smart Card

- Sphinx user data is secured by two layers of encryption, and sophisticated smart card security features.

- Because users do not have to remember their passwords, they can be randomly generated, use longer strings, and be changed frequently, for additional security.

- Sphinx does not archive user data on the computer, the network or the internet; except for encrypted backups which are initiated and controlled by the user.

- Sphinx user data which is stored on the smart card can be carried securely, to be used in other Sphinx installations (home, office, laptop).

Smart Card Enabled Logon to Windows Adds Security and Convenience
(for Windows NT and 2000 only)

- Client-based software requires no change to existing network installations.

- Logon to Windows and networks is accomplished according to standard Windows protocols and is handled by a customized version of the Microsoft logon process, which runs in a protected Windows workspace.

- Because the Windows password is stored on the smart card, the cardholder does not need to know it, and thus cannot give it away.

- Cardholder can save logon information for multiple domains on Sphinx card.

- Windows "secure screen saver" and "lock workstation" functions can be unlocked with the Sphinx card and entry of card PIN.
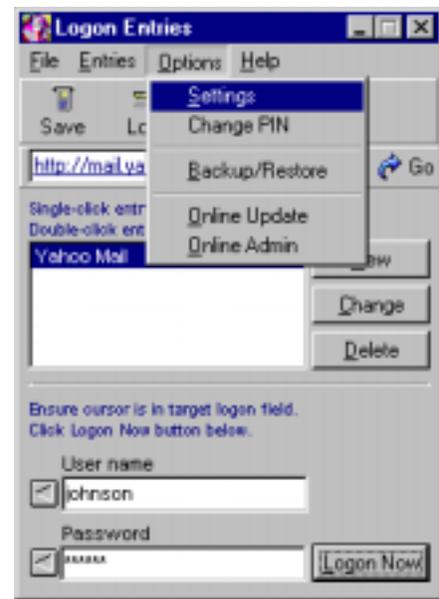

Figure 3: Sphinx Options menu.

Versatility

- Backup feature allows cardholder to backup all of their Sphinx information to store in a safe place, in case smart card is lost or damaged.

- Multiple users can use the same Sphinx installation, without compromising security.

- Sphinx pops up when user navigates to a logon location; or, user configures Sphinx to only pop up when user selects.

- Sphinx can generate random passwords of definable length and types of characters.