Using S/KEY for the Mac

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The S/KEY Authenticator is a Mac application which computes S/KEY™ one-time passwords, given an S/KEY challenge and a user's secret password. It is designed to be used in conjunction with the S/KEY authentication system, the local implementation of which is described in *The S/Key Password System*, a separate document available in the CSEL office. Used in conjunction with the Clipboard , the S/KEY Authenticator is a very convenient and easy-to-use means of calculating S/KEY passwords.

Installation

The program is available on diskette in the CSEL office, or as a binhexed archive in the directory `/usr/local/lib/skey/mac` from any departmental Sun. To install the program from a floppy, simply drag it into the location of your choice. To install the binhexed version, it must first be unarchived. The popular FTP client *fetch* will do this automatically. In any case, once "de-binhexed", the executable may be placed in any convenient location on the Desktop.

Operation

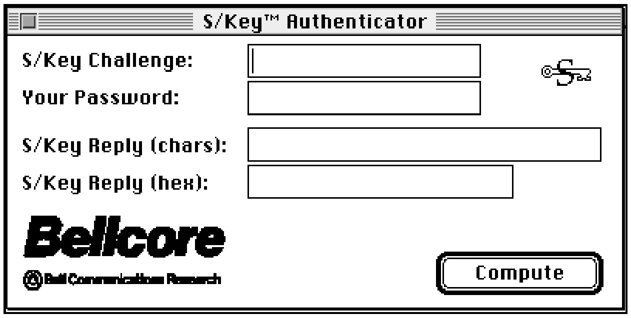

Figure 1

To run the program, click on its icon. When run, it will pop up a window (*see Figure 1*). If you've already cut the S/KEY challenge to the Clipboard, you can past it into the appropriate field in the S/KEY Authenticator. Alternatively, you can type the challenge into the field manually. You should then enter your secret password in the obvious location, and click on the `Compute` button. Your secret password will not be shown when you enter it. Your S/KEY one-time password for this session will appear in the box labelled `S/Key Reply (chars)`. You can now copy it to the Clipboard, from which it can be pasted into the waiting `telnet` session.

Additional Information

UNIX users should refer to the on-line man pages for `winkey` and `key`, as well as to *The S/Key Password System*.

DOS users should refer to the document *Using `TERMKEY.EXE`*, or to the on-line man page for `termkey` (although it is a DOS program, there is a UNIX-style man page for `termkey`).

Windows users should refer to *Using `KEYAPP.EXE`*.

Each of these documents is available in the CSEL office.