Crypto Operating System

Present and Future

Omega GmbH Soft- und Hardware

COS, the Crypto-System with the ultimate in Operating System features for your Mac or Clone.

COS brings to the forefront those questions to which you really want to find an answer in deciding on an Operating System for a Mac or Mac-Clone that fully meets your needs.

Are you looking for full compatibility with Mac OS 8 including all of its features, but also with the added advantage of a genuine B2-Security and additionally an integrated PGP-compatible Mail-Client?

Have you the need to work really fast and still have the ability to accomplish preemptive multitasking?

Do you want to be able to protect all your data in storage and when sharing the use of the computer be able to define your own workspace?

Do you dream of building a large homogeneous Mac-Network or perhaps eventually even a Mac-Cluster, or are your needs more modest, simply to connect your Mac to a Unix network?

Should so much of the space on your hard disc and memory be taken up primarily by the Operating System itself or would you prefer much more space for your actual applications?

Would you like your 68030, 68040 or PowerPC to come to you with all the advantages of a modern Operating System, working at full power?

The 11 advantages of COS

Reliability:
Complete system crash? For the user of COS this will be very unusual indeed. A security system of this class demands complete system reliability.

Individuality:
A system with a B-Classification is a genuine standard of individuality that can hardly be surpassed. Your Mac belongs entirely to you without any "ifs or buts". No-one will be able to tamper with it. And this includes those who may have to share the usage of the computer with you.

User Interface:
Why should we change what people are familiar with? At least at the outset.

Efficiency:
For many a strange word, but for COS a philosophy and a guiding principle. COS offers four times the performance on the same machine. The COS allows the user to run more than one application at the same time and guarantees that neither will inadvertently be brought together in the memory.

Compatibility:
Through the micro-kernel architecture with the attached OS-Server, COS is constructed to give absolute security and adaptibility for the future. Data and application compatibility are self-evident. Through the installation of COS, you will be able to introduce all modern software on your 68030, 68040 or Power PC.

Multimedia Capability:
The multimedia capability, familiar to the Mac user, is built into COS and is fully compatible with the known standards.

Multi-processor Capability:
At this time COS is able to support all available MP-machines and in the future will enable the increase of the number of processors in possible use.

Network Capability:
COS allows you easily to build a network. COS can be set up as a Server or as a Client system. Alternatively you can use your Mac as an X-terminal, or couple it with the X25-Protocol to a Unix-server.

Cluster Capability:
Through the building with DSM to Standard-Macs as a basis of an SCI-coupling (Dolphin PCI-SCI cluster adaptor card and a Dolphin modular SCI switch) clustering with COS presents no problem. Only you and your application fix the boundaries.

Internet Capability:
It goes without saying that COS understands all necessary protocols. Just install your favourite browser and the whole world is open to you.

Minimal Memory and Storage Demands:
COS takes up only 4 MB in the memory and 15 MB on the hard disc.

How to install COS on a Macintosh:

1. First of all you must make a backup of all important data.
   N.B. !!! Making a backup is very important if you wish to retain any of your existing data.
   COS partitions, formats and encrypts your whole hard drive. All data on your hard disc will be deleted.
   Omega GmbH will not take any responsibility for data lost.
2a. If you have acquired COS by means of the FTP rather than on a bootable medium, start the installation process by clicking the mouse.
   During the installation process you will require 6 floppy discs. Have these ready in advance !
2b. If you do have a bootable medium, the installation will commence after its insertion and the restart of the computer.
3. After successful installation, you have 20 days in which to test COS.
   The trial period commences with the installation process. At the end of the 20 day period, unless the unlock code has been inserted, COS will cease to function.
4. During the installation process, COS will generate a characteristic string, which you will need to include, together with your post and email address on the account form. This string will appear in the startup process in the COS menu.
5. After receipt of your payment, Omega GmbH will forward the unlock code via the post and/or email. This will need to be inserted in the "unlock code" window , which you will find on the screen during the startup and also in the COS menu.

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