



SmartKey is a compact sized hardware key to be plugged into the PC parallel port or USB port (it depends on the model). Every key electronically holds its own unique identity number, which is recognized by the software to be protected and enables it to run properly. During its execution, the software first verifies the key's presence and its internal code; when a correspondence is established, the software keeps on running, otherwise it is stopped. The software may be protected either by automatically encrypting executable files or integrating specific software drivers. SmartKey is easy to install, secure and discreet: after plugging the key into the PC, the user can forget all about it, because its presence is fully transparent. But if the key is removed, the software stops running. SmartKey limits the use of the software to one copy at a time, without preventing the execution of archive or back-up copies. Used by over 5,000 software houses the world over, SmartKey represents the state of the art in software protection <www.smartkey.eutron.com/ENG/SmartKey_overview_sicurezza.asp> being based on ASIC (Application-Specific Integrated Circuit) chips specifically designed for its security functions.

A model for every need



FX (FIXED) this is the simplest protection key. Security is guaranteed by a fixed internal code, which is given to each software house. The key has algorithmic query mechanisms.



PR (PROGRAMMABLE) this key has internal memory and is ideal for most applications. You can read or write 64 bytes of memory via two 16+16 byte programmable security codes.



EP (EXTENDED PROTECTION) this model offers extended security. It has an internal counter that detects incorrect code access attempts. You can also freeze programmed data to prevent tampering of the key.



SP (SUPER PROTECTION) this is the most sophisticated model, which is ideal for top security applications. You can access up to 896 bytes internal memory via two 16+16 byte security codes. Encryption allows you to program your own security algorithm.



NET (LOCAL NETWORK SECURITY) this model protects software packages for any local network (Novell, LAN Manager, Lantastic, etc.). All you need is one NET key installed on a single network computer to protect a number of applications at the same time (up to 116).

TECHNICAL FEATURES

High security

ASIC chips and microprocessors make it impossible to clone the key.

Algorithmic interrogation

It has algorithmic query mechanisms instead of just a fixed reply.

Identification code

Each key is given in the factory its own fixed identification code, which is different for each user.

GSS

Automatic protection of executable files.

Data protection

You can encrypt data files associated with protected applications.

Self-powered

It does not need internal batteries or an external power supply.

Internal memory

Up to 896 bytes of non-volatile reading and writing memory, protected through access code.

Programmable protection codes

16 + 16 double access code. You can program the access code through the utilities supplied.

Remote control

Thanks to additional libraries, you can identify, read and write keys installed on a Internet client.

Languages

Full support of languages and programming environment (Visual C++, Visual Basic, Autocad, Solaris, Delphi, .NET, etc.)

