

# PradeoKey™

## With a simple connection, protect the visitors or the recipients of your company.

When a company receives visitors or recipients, it has to protect not only their workstations but also itself from potential attacks that can occur from visitors' stations. Moreover, if the visitor's station was authorized to connect to a network, it is necessary to know if it respects the security policy defined by the company for that kind of station. Such constraints are the reasons why companies very often take drastic solutions, even forbid visitors or recipients to access the network.

### PradeoKey: simple and unnoticeable solution

**PradeoKey** is a security USB flash drive that gathers 15 protection modules. It aims to provide complete and unnoticeable protection to users who will simply have to connect it. This flash drive is adapted to visitors and recipients of any company. Thanks to it, the administrators will be able to set the restrictions of access to the network and during their visit, the users will only have to insert the flash drive to get the access, always respecting the set restrictions. This USB is available in autonomous or platform administrable version.

### Visitors' strong protection

When the USB is inserted for the first time, the protection system is getting installed. Once this operation is done, the security USB flash drive uses a patented process and acts as a security virtual gateway between the computer and the network. This security gateway contains 15 protection modules (antivirus, firewall, web filter, etc.) made to analyze the produced network streams. This virtual gateway is a **worldwide innovation** which allows the treatment **of the attacks before they even reach the operating system.**

**Advantage : the visitor gets the advantages of a complete protection.**

### User's network protection and real time threat detection

When the protection system is installed, an antivirus scan is launched on the visitor's computer. Then to get protected from the visitor's attempts to get connected (on purpose or not) to the company's network the security gateway analyzes with the 15 modules the visitor's outgoing stream. So, every hacking attempt (port scan, deny of service, etc.) is blocked by the gateway embedded on the driver. **PradeoKey has a module that analyses the risks and can calculate the level of threat coming from the visitor.** If this level goes beyond the limit set by the administrator, the visitor is automatically placed in a preventive zone where the network access is restricted or even cut.

**Advantage : the security flash drive blocks the threats coming from visitors' stations and manages to anticipate a severe attack by placing them to a preventive zone.**



### Main advantages

- Protection of guests or recipients of a company
- Without the flash drive the guest can't connect to the company's network
- Control of the entering and **the outgoing** streams: the guest itself can be a threat for the company
- Fewer constraints imposed to users: "you insert it and it works!"
- When the visitor is leaving, he gets back his computer as it was before

## Management of network access restrictions

Through a central platform, the administrator has the possibility to set the specific access policies for several groups of flash drives which will be used by visitors. In this way, the administrator can manage the setting of access for each USB group and will have to precise what he allows for both entering and outgoing streams.

**Advantage : the freedom given to visitors is completely configurable.**

## The visitor can't connect to the network without the flash drive

An installed authentication system demands the connection of the flash drive to give visitors access to the network of the company. It is also up to administrator to impose them the use of the flash drive, either when the user is outside the premises, although his visit, or impose this obligation only when he is in the company.

**Advantage : the visitor's station is constantly under control from the moment he arrives till the moment he leaves.**

## Simple and unnoticeable for the visitor

When the security USB flash drive is inserted, its function is completely unnoticeable and doesn't bother at all the user in his everyday activities (apart from those concerning network accesses). Then the use of the flash drive is very simple: you insert it and it works! If the user disconnects the flash drive, the network connection is deactivated and he can't have access to it anymore. Moreover, the administrator gives the flash drive to a visitor for a certain period of time. When the limit date expires, the system is automatically uninstalled and the visitor's station is in the same state as it was before his arrival.

**Advantage : apart from inserting the flash drive, there are no other constraints.**

## Other advantages

- › Less administration time and cost
- › Detection and alert sent when attempts to avoid the security flash drive occur
- › Simple, quick installation that perfectly accepts the already existing system
- › Fully automatic updates

## Security modules

- › Firewall
- › Antivirus
- › E-mail protection
- › Anti spyware
- › Voice over IP protection
- › Network access time management
- › Intrusion detection and prevention systems
- › Instant messaging protection
- › Web access management
- › Security policy on each flash drive group
- › Network activation
- › Protection of entering and outgoing streams
- › Real time risk analysis
- › Central administration platform

## Used resources

- › Memory: 128 Mo
- › Processor (core 2 duo 2,93GHz) : 2,3% on average
- › OS compatible : Windows XP (SP 1, 2, 3), Vista, 7, Mac OS X Windows server 2003 et 2008



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**Pradeo Security Systems**

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