



## Smartlock

Smartlock is an attractively priced alternative to the Smart Logon system from Microsoft for Windows NT, 2000 and XP. Smartlock controls access to computers by using smart card technologies. Smartlock interfaces with the current "winlogon" system and greatly enhances network security. Due to the simplicity of the system and the extra security added, Smartlock is suitable for a single workstation or company network.

### How does it work?

The username, password and domain, which the user is normally required to enter when logging on to a workstation, are held on a secure smart card. The system works in such a way that when the user wishes to login, they insert the Smartlock card into a reader attached to the workstation.



PCSC compatible card readers can be embedded in workstations, notebooks, keyboards or added standalone. Smartlock uses industry standard hardware.

The Windows logon credentials use Smartlock passwords that can be 32 characters long and can contain any character, including those that cannot be typed from the keyboard. Once a workstation is protected by the Smartlock system, it can only be accessed using a Smartlock card and PIN. The facility to enter the standard logon credentials is unavailable on that workstation, and additionally the Smartlock user-code cannot be used on an unprotected workstation due to the password sequence adopted.



When the Smartlock card is removed the workstation locks itself and if a screen saver is loaded it is also activated a few seconds later. Unlocking the workstation is simply a matter of re-inserting the same Smartlock card, which re-activates the login sequence. If a different Smartlock card is used the system logs the original user off and the new user starts a new session.

### So why is this more Secure?

In order to logon to the workstation the user is required to have the Smartlock card and to know the valid PIN code. The workstation will never prompt the user for the standard Username, Password or domain. Only the user-codes loaded onto the card can be used with the card. Without being able to logon to the workstation the server data is secure from prying eyes.

