

## Biometric keyboard signature authentication for Windows logon - A Short Guide to DiBiSoft-s BioKeyLogon.

Hello! We are glad you've come.

Application of biometric methods allows you to significantly increase the security of your confidential information. Knowing the passphrase will not suffice for the intruder anymore, as he will need to possess the unique physical parameters of the legal owner of the protected data.

The market of biometric authentication means already exists. As a rule, they are represented by expensive hardware/software solutions used for access control in large commercial or public institutions, where the overall cost of information is much higher than the cost of biometric systems themselves. For the majority of companies, firms, small offices, home and mobile computers, where the level of data confidentiality is relatively low, the use of highly expensive biometric systems is not financially justified.

The passphrase analysis method is one of the existing authentication methods. As a rule, it complements the standard password authentication method. In such methods, the user must know the passphrase and should be able to correctly type it using the keyboard. That is how the standard passphrase authentication procedure is extended by biometric keyboard signature authentication.

However, the cost of such a solution will be significantly lower than the cost of biometric systems with a comparable level of authentication errors. For instance, the cost of a biometric system that uses iris scanning lies in the ballpark of 500 dollars, whereas retina scanning systems are priced around 4000 dollars, the cost of the scanner accounting for the largest fraction of the overall cost.

[BioKeyLogon](#) is a new original solution in the field of biometric authentication. BioKeyLogon enables you to extend the standard OS login procedure by using a discreet biometric authentication procedure based on keyboard signature. This application works with Windows 2000/2003/XP and is intended for home, small office and corporate use.

The developers of BioKeyLogon solved the following problems:

- The influence of the psychophysical condition of the user has been minimized;
- The process of creating the user's biometric model has been simplified (usually the user had to enter the password at least 20 times);
- The system's ability to analyze the indistinct keyboard signature of an "average" user has been improved;
- The system now monitors the dynamics of the user's keyboard behavior and makes appropriate dynamic changes to the user's biometric model.

BioKeyLogon fully integrates into the system and stays hidden. Users log into the system the same way they did before, but the software discreetly checks the dynamics of password entry. If this parameter is different from the reference value, the system will react as if an incorrect answer has been entered. If the intruder knows the password only and tries to log into a system protected by BioKeyLogon, the chances of his success will be minimal. The situation will also appear confusing, as the system will report a wrong password notification message for the password that the intruder will deem fully valid.

The procedure of discreet biometric authentication based on keyboard signature is used only for those users that keep a reference keyboard signature stored in their system. Other users will use the standard password-protected login. All biometric data of the system users are stored in an additional secure location.

You can read more about BioKeyLogon from our product page:

<http://www.allmysoft.com/download-biokeylogon-software.html>

You can take a look and download the program that best suits your needs from our website:

<http://www.allmysoft.com>

Have a nice day!

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