

Turn your keyboard into biometric sensor. No additional hardware installation?

Biometric implementation on your computer/PC, no additional hardware installation? Normally hardware sensor is the basic requirement for biometric implementation. For example, face recognition requires camera as input device, fingerprint requires fingerprint sensor, voice recognition requires microphone, and etc. On the other hand, Typing biometric is the only biometric technology that does not require additional hardware installation (I believe keyboard is a basic input device for any personal computer or notebook).

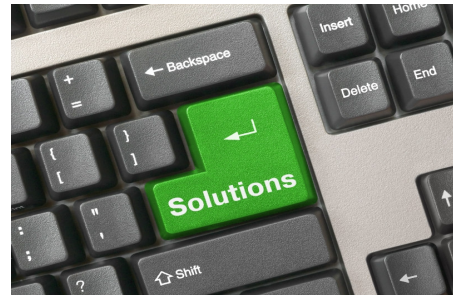


Typing biometric, also known as keystroke dynamics is a type of behavioral biometric technology that authenticates individuals based on distinct keystroke patterns. The underlying assumption is that each individual presents a unique typing pattern when using the keyboard to enter words that the user is familiar with, for example, passwords and user or account names. The keystroke patterns may come in the form of the

timing delays between successive key pairs, duration while pressing a key on individual keys on the keyboard.

The beauty of biometric as follows:

- The only PC-based biometric authentication system that does not require additional hardware installation
- Easily integrate into current most popular authentication method, i.e. Username and password authentication. Typing biometric is an additional layer of security to current password authentication method.
- Cost effective implementation since there is no additional hardware cost
- It is a true environmental friendly technology that does not require new hardware production such as fingerprint sensor, camera, and etc.
- No privacy concern. For example, fingerprint technology requires fingerprint template to be recorded which might be a personal security as well as privacy concern to public.



In summary, typing biometric is a great technology which is able to complement with existing most popular authentication methodology, i.e. password authentication.



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