

HCL InfoSecuDesk Biometric Security Solution overview

The ultimate goal of authentication technology is to provide access to an authorized person or entity only. The authentication based on passwords is inconvenient, costly and does not provide adequate protection in today's environment. HCL InfoSecuDesk - Biometric Security gives you advanced and powerful authentication tool that helps you achieve enhanced level of security for your workstation or your multi-domain enterprise network.

The term "Biometrics" originates from two Greek words – "bios," which stands for "life", and "metron", which stands for "measure". Biometrics is the science of using unique physiological or behavioral characteristics to verify the identity of an individual. In the realm of security, it refers to automated methods for identifying people based on their unique physical or behavioral traits. For biometric fingerprint identification, the ridges, furrows, bifurcations, and ridge endings (minutiae) of a person's fingerprint are collected. These unique features are checked against a collection of reference patterns for accurate employee identification.

Biometric authentication : The Benefits

- Biometric traits cannot be forgotten, transferred, detected or stolen.
- Although the human memory is unique, a person's capacity to memorize is limited.
- Most passwords and PINS today cannot simply be memorized and will be forgotten without any additional tools.

HCL InfoSecuDesk - Biometric Security is a solution designed to add the strong authentication and convenience to the standard Windows logon procedure. It allows to access Windows driven computers and domains in an easy, fast and secure way by using biometric fingerprint. There is no need to enter username and password.

The unique biometric data in the user fingerprint is recorded and stored as template. During identification, the user simply has to press their finger on the sensor. The sensor scans the user fingerprint and the computer identifies the user by matching the his/her fingerprint with a template (1:N comparison).

The sensor biometric sensor is available in three form factors:

Biometric Mouse: It is a standard two-button computer mouse with a small digital fingerprint reader embedded in it that functions as a lock on a computer or a network that can only be accessed by authorized persons.



Stand-alone sensor : Stand-alone digital fingerprint reader that functions as a lock on a computer or a network that can only be accessed by authorized persons.

Stand-alone sensor with LFD: Stand-alone digital fingerprint reader with LIVE Finger Detection Technology.



FEATURES

- Logon Manager :
 - Replaces complicated windows password logon with strong biometric authentication
 - Supports Multiple users on the same System
 - Option for multi finger registration per user
- Encryption :
 - Encrypt / Decrypt your Confidential File/Folder
 - Just a Right click of mouse prompts for Encryption and Decryption
 - File/Folder Decryption is possible only after successful biometric identification of the person
- Biometric Screen saver locking
 - Protect your unattended systems with finger print Screen Saver Locking
- Logging
 - Provides extensive logging for subsequent audit

HCL InfoSecuDesk Biometric Logon - Advantages

- Increased Security
- Easier handling and flexibility
- More security
- Greater legal binding effect