Enhancing Biometric Authentication Using Visual Challenge Response

By Mapayi, Temitope

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Providing A Robust And Useable Authentication System | A reliable identity management system is urgently needed in order to combat the epidemic growth in identity theft and to meet the increased security requirements in a variety of applications. Biometric authentication establishes the identity of a person based on who he is", rather than what he knows" or what he possess . There are usually two very serious criticisms against biometric technology that have not been addressed satisfactorily, biometrics are not secrets and enrolled biometric templates are not revocable. The first fact implies that the attacker has a ready access to the legitimate biometric trait (e.g., facial image finger print of an enrolled user of the biometric system) and, therefore, could fraudulently inject it into the biometric system to gain access. The second fact implies that when a biometric trait has been compromised , the legitimate user has no recourse to revoking the trait. In this work, we devise a technique that complements the weakness of a biometric system by Combining both biometrics and a Visual based challenge response for access control, thus Enhancing Biometric System Using Visual-Based Challenge Response, having considered human...

READ ONLINE
[9.45 MB]

Reviews

Totally among the best ebook I actually have ever go through. It is probably the most awesome ebook we have go through. You can expect to like just how the blogger publish this ebook.
-- Emiliano Murphy

This published pdf is fantastic. It really is rally fascinating throgh studying time period. I am just very happy to inform you that this is actually the greatest publication i actually have read within my own lifestyle and could be he best ebook for actually.
-- Noemie Hyatt