Abstract

Many authentications schemes are presented, but users are familiar with textual password schemes. Textual password schemes are vulnerable to shoulder surfing and keyloggers. To overcome this problem many other authentication systems like token based authentication, biometric based authentication systems, graphical password schemes have been proposed. However biometric based authentication systems are costly and graphical password systems are not that secure and efficient. In this paper, an improved text-based graphical password scheme by using sectors is proposed, which is shoulder surfing as well as keylogger resistant.
References

- R. U. Corporation, How the passface system works, 2005

Index Terms

Computer Science Pattern Recognition
Keywords
Shoulder Surfing  Graphical Password  Key Logger  Sector Base  Authentication