UNIVERSITY OF SOUTH FLORIDA

Major Research Area Paper Presentation

Authentication Usability Methodology by Jean-Baptiste Subils

For the Ph.D. degree in Computer Science and Engineering

Nowadays many systems requires end-users to authenticate themselves. Authentication is one of the security activity that end-user perform the most. Thus, usability of this security feature plays a major role in the proper utilization and adoption of a novel authentication method. A large body of literature pertaining to usability of computer systems is available; however, comparing the usability of authentication methods remains difficult due to the different techniques available. The lack of a standard method evaluating authentication usability, and some of the different methods proposed will be discussed in this paper. This paper provides a comprehensive review of authentication methods usability methodology. Several usability methodologies are reviewed as well as several overall comparison tools/framework used to compare authentication methods. This paper details and reflects upon several authentication method usability methodologies.

Thursday, April 25, 2019 9:00 AM ENB 313

The Public is Invited

<u>Examining Committee</u> Jay Ligatti, Ph.D., Major Professor Dmitry Goldgof, Ph.D. Yao Liu, Ph.D. Sean Barbeau, Ph.D. Kaiqi Xiong, Ph.D.

Yu Sun, Ph.D. Graduate Program Director Computer Science and Engineering College of Engineering Sudeep Sarkar, Ph.D. Department Chair Computer Science and Engineering College of Engineering

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