Scopus

Search   Alerts   Lists   My Scopus

Export | Download | Add to List | More...

Computer security factors effects towards online usage of internet banking system (Article)

Al-Shawabkeh, M.[ab] , Saudi, M.M.[a], Alwi, N.H.M.[a]

[a] Faculty of Science and Technology, Universiti Sains Islam Malaysia (USIM), Nilai, Malaysia

[b] International Islamic University Malaysia (IIUM), Kuala Lumpur, Malaysia

View additional affiliations

View references (70)

Abstract

Given an apparent lack of coherence and a paucity of computer system field of studies, research imitates and demonstrates non consensus in how computer security fits into the satisfaction, success, usage, efficiency, and effectiveness of computer system field. This study is a part of research aims to extend the Technology to Performance Chain model by including and examining the Computer Security Self-Efficacy construct, as recommend by several computer system field researchers. This paper used the statistical technique structural equation modeling and the partial least squares regression for estimating causal relations between computer security self-efficacy and internet banking usage. Outcomes confirm that confidentiality and availability effects computer security self-efficacy while in turn computer security self-efficacy impacts on usage. Computer security self-efficacy also partially mediates the impact of confidentiality, integrity, and availability on usage. © 2006-2015 Asian Research Publishing Network (ARPN).

Author keywords

Computer system; Information system; Online banking; Partial least squares; Performance impact; Security efficacy; Selfefficacy; Social cognitive theory; Task technology fit

References (70)

View in search results format

☐ All   Export | Print | E-mail | Create bibliography

☐ Chan, S.-C., Lu, M.-T.

1 **Understanding Internet Banking adoption and use behavior: A Hong Kong perspective**

(2004) *Journal of Global Information Management*, 12 (3), pp. 21-43. Cited 200 times.

View at Publisher

☐ Lai, V.S., Li, H.

2 **Technology acceptance model for internet banking: An invariance analysis**

(2005) *Information and Management*, 42 (2), pp. 373-386. Cited 204 times.
doi: 10.1016/j.im.2004.01.007

View at Publisher

☐ Sachan, A., Ali, A.

3 **Competing in the age of information technology in a developing economy: Experiences of an Indian bank**

(2006) *Journal of Cases on Information Technology*, 8 (2), pp. 62-81. Cited 6 times.
http://journals.igi-online.com/downloadPDF/pdf/ITJ3151_e7HK5IHE3d.pdf

View at Publisher

Cited by 1 document

A framework to assess privacy in cloud based system
Alghali, M. , Najwa, M.A. , Roesnita, I.
(2016) ARPN Journal of Engineering and Applied Sciences

View details of this citation

Inform me when this document is cited in Scopus:

Set citation alert | Set citation feed

Related documents

Computer security self-efficacy effect: An extention of technology-to-performance chain model
Al-Shawabkeh, M. , Mohd Saudi, M. , Mohd Alwi, N.H.
(2012) Proceedings - 2012 IEEE Control and System Graduate Research Colloquium, ICSGRC 2012

Analyzing the factors that affect information systems use: A task-technology fit meta-analysis
Cane, S. , McCarthy, R.
(2009) Journal of Computer Information Systems

Modeling technology acceptance in e-Business environments
Leyton, D. , Pino, J.A. , Ochoa, S.F.
(2013) Proceedings - 2013 IEEE 10th International Conference on e-Business Engineering, ICEBE 2013

View all related documents based on references

Find more related documents in Scopus based on:

Authors | Keywords

Metrics

1   Citation

4   Mendeley Readers   95TH PERCENTILE

View all metrics