

< Back to results | 1 of 2 Next >

Export Download Print E-mail Save to PDF Add to List More... >

Full Text View at Publisher

Telkomnika (Telecommunication Computing Electronics and Control) Open Access  
Volume 16, Issue 1, February 2018, Pages 290-301

Current state of personal data protection in electronic voting : Criteria and indicator for effective implementation (Article)

Lubis, M.<sup>a</sup>, Kartiwi, M.<sup>b</sup>, Zuhuda, S.<sup>b</sup>

<sup>a</sup>Telkom University, Jalan Telekomunikasi No. 1, Bandung, Indonesia  
<sup>b</sup>International Islamic University Malaysia, Jalan Gombak, Kuala Lumpur, Malaysia

Abstract

View references (39)

The adoption of electronic voting has been done in various countries related to cost and time reduction operationally. On the other hand, recent publication has been informed several issues occurred such as technicality, reliability, security and privacy due to the compromised system were used. In small scale, there are certain group of people who want to exploit the vulnerabilities for their own benefit in the election, while in the greater scale, it can reduce public confidence to entrust the adoption of e-voting system to augment participation rate, to improve the quality of voting and to aid the political right effectively. This paper aims to investigate the characteristic of people demanding the legislative to address the criteria and indicator for effective implementation in electronic voting. By understanding the perception of voters in viewing current electoral regulation are essential to provide some ideas and opinions for better enhancement, either through recommendation and drafting related legislation to cater the needs. © 2018 Universitas Ahmad Dahlan.

Author keywords

Electronic voting Fraud Personal data protection

ISSN: 16936930 DOI: 10.12928/TELKOMNIKA.v16i1.7718  
Source Type: Journal Document Type: Article  
Original language: English Publisher: Universitas Ahmad Dahlan

References (39)

View in search results format >

All Export Print E-mail Save to PDF Create bibliography

1 Burstein, A., Dang, S., Hancock, G., Lerner, J.  
(2007) *Legal issues facing election officials in an electronic-voting world*  
Social Science Research Network

2 Azhari, R.  
(2005) *E-voting*. Cited 2 times.  
Fakultas Ilmu Komputer Universitas Indonesia  
<http://staf.cs.ui.ac.id/WebKuliah/riset/hibah-B/VVCS/pdf/e-Voting.pdf>

Metrics ?

0 Citations in Scopus  
0 Field-Weighted  
Citation Impact

PlumX Metrics  
Usage, Captures, Mentions,  
Social Media and Citations  
beyond Scopus.

Cited by 0 documents

Inform me when this document  
is cited in Scopus:  
Set citation alert >  
Set citation feed >

Related documents

Current state of personal data protection in electronic voting: Demand on Legislature's Bill  
Lubis, M. , Kartiwi, M. , Zuhuda, S.  
(2017) *2016 International Conference on Informatics and Computing, ICIC 2016*  
Assessing privacy and readiness of electronic voting system in Indonesia  
Lubis, M. , Kartiwi, M. , Durachman, Y.  
(2017) *2017 5th International Conference on Cyber and IT Service Management, CITSM 2017*  
Study to the current protection of personal data in the educational sector in Indonesia  
Rosmaini, E. , Kusumasari, T.F. , Lubis, M.  
(2018) *Journal of Physics: Conference Series*

View all related documents based on references

- 3 Priyono, E., Dihan, F.N.  
(2010) *E-voting: Urgency of transparency and accountability*. Cited 2 times.  
Seminal Nasional Informatika. UPN Yogyakarta

Find more related documents in  
Scopus based on:

Authors > Keywords >

- 
- 4 Spink, J., Moyer, D.C.  
**Defining the Public Health Threat of Food Fraud**  
(2011) *Journal of Food Science*, 76 (9), pp. R157-R163. Cited 137 times.  
doi: 10.1111/j.1750-3841.2011.02417.x

[View at Publisher](#)

- 
- 5 Reurink, A.  
**Financial Fraud: A Literature Review**  
(2016) *MPIfG Discussion Paper*, 16 (5).

- 
- 6 Leemann, L., Bochsler, D.  
**A systematic approach to study electoral fraud**  
(2014) *Electoral Studies*, 35, pp. 33-47. Cited 9 times.  
<http://www.elsevier.com/inca/publications/store/3/0/4/1/2/index.htm>  
doi: 10.1016/j.electstud.2014.03.005

[View at Publisher](#)

- 
- 7 Pearson, S., Benameur, A.  
**Privacy, security and trust issues arising from cloud computing**  
(2010) *Proceedings - 2nd IEEE International Conference on Cloud Computing Technology and Science, CloudCom 2010*, art. no. 5708519, pp. 693-702. Cited 232 times.  
ISBN: 978-076954302-4  
doi: 10.1109/CloudCom.2010.66

[View at Publisher](#)

- 
- 8 Bekara, K., Laurent, M., Nguyen, T.H.  
**Technical enforcement of European privacy legislation: An access control approach**  
(2012) *2012 5th International Conference on New Technologies, Mobility and Security - Proceedings of NTMS 2012 Conference and Workshops*, art. no. 6208724. Cited 2 times.  
ISBN: 978-146730229-6  
doi: 10.1109/NTMS.2012.6208724

[View at Publisher](#)

- 
- 9 **Developing a culture of privacy: A case study**  
(2007) *IEEE Security and Privacy*, 5 (6), pp. 58-60. Cited 7 times.  
doi: 10.1109/MSP.2007.163

[View at Publisher](#)

- 
- 10 Dixon, T.  
**Valuing Privacy: An Overview and Introduction**  
(2001) *UNSW Law Journal*, 24 (1), pp. 239-246. Cited 3 times.