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Current state of personal data protection in electronic voting : Demand on Legislature's Bill (Conference Paper)

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Abstract

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The strongest benefit has been offered for the implementation of electronic voting related to cost and time reduction. Therefore, recent publicity concerning the reliability, security and privacy issue of various e-voting systems has increased public scrutiny of the machines themselves as well as the election process as a whole. In the greater scale, it could 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 and efficiently. This paper aims to provide general analysis of typical legal issues and its demand for personal data protection based on demographic data such as gender, age, occupation, electoral participation, education, earnings and legal literacy. By understanding the perception of voters in viewing current electoral regulation are essential to provide some insights and suggestion for better improvement, either through drafting or enforcing legislation. This study investigates the tendency of people in demanding the legislative to cater electronic voting. © 2016 IEEE.

Author keywords

electronic voting personal data protection privacy framework privacy legislation

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Compendex keywords: Demographic data E-voting systems Electronic voting Participation rate
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Spiekermann, S.
(2012) *Communications of the ACM*

Mobility, data mining and privacy the experience of the GeoPKDD project
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(2009) *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*

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1 Burstein, A., Dang, S., Hancock, G., Lerner, J.
Legal issues facing election officials in an electronic-voting world
(2007) *Social Science Research Network*
March 15
<http://dx.doi.org/10.2139/ssrn.2382435>

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

3 Priyono, E., Dihan, F.N.
(2010) *E-voting: Urgency of Transparency and Accountability". Seminal Nasional Informatika*
May 22, UPN Yogyakarta

4 Makarim, E.
(2005) *Pengantar Hukum Telematika: Suatu Kompilasi Kajian*
1st Edition ed., Jakarta, Indonesia: RajaGrafindo Persada

5 Greenstadt, R., Smith, M.D.
Protecting Personal Information: Obstacles and Directions
(2005) *Fourth Annual Workshop on Economics and Information Security*, pp. 1-22. Cited 4 times.
Cambridge

6 Pedreschi, D., Bonchi, F., Turini, F., Verykios, V.S., Atzori, M., Malin, B., Moelans, B., (...), Saygin, Y.
Privacy protection: Regulations and technologies, opportunities and threats
(2008) *Mobility, Data Mining and Privacy: Geographic Knowledge Discovery*, pp. 101-119. Cited 11 times.
<http://www.springerlink.com/openurl.asp?genre=book&isbn=978-3-540-75176-2>
ISBN: 978-354075176-2
doi: 10.1007/978-3-540-75177-9_5

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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 213 times.
ISBN: 978-076954302-4
doi: 10.1109/CloudCom.2010.66

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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.
ISBN: 978-146730229-6
doi: 10.1109/NTMS.2012.6208724

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

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