

# Document details

< Back to results | 1 of 1

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

[Full Text](#) View at Publisher

International Journal of Information Management  
Volume 43, December 2018, Pages 351-356

## A case analysis of securing organisations against information leakage through online social networking (Article)

Abdul Molok, N.N.<sup>a</sup>, Ahmad, A.<sup>b</sup>, Chang, S.<sup>b</sup>

<sup>a</sup>Department of Information Systems, International Islamic University Malaysia, Kuala Lumpur, Malaysia

<sup>b</sup>School of Computing and Information Systems, The University of Melbourne, Victoria, Australia

### Abstract

[View references \(13\)](#)

The inadvertent leakage of sensitive information through Online Social Networking (OSN) represents a significant source of security risk to organisations. Leakage of sensitive information such as trade secrets, intellectual property and personal details of employees can result in a loss of competitive advantage, loss of reputation, and erosion of client trust. We present 4 case studies which examine drivers for employee leakage behaviour and corresponding security management strategies. Drawing on these case studies, we present a maturity framework for organisational OSN Leakage Mitigation Capability (OSN-LMC) and lessons learned from the case analysis. © 2018 Elsevier Ltd

### SciVal Topic Prominence

Topic: Knowledge management | Societies and institutions | knowledge loss

Prominence percentile: 28.085

### Author keywords

Information leakage Information security management Maturity framework Online social networking

### Indexed keywords

Engineering controlled terms: Competition Industrial management Personnel Security of data

Engineering uncontrolled terms: Competitive advantage Information leakage Information security managements Maturity framework Online social networkings Online social networkings (OSN) Security management strategy Sensitive informations

Engineering main heading: Social networking (online)

### 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

Sustainable use-design and skill: social and material dimensions of relational databases

Chatfield, R.H. (2000) *Sociological Perspectives*

Using Social Networks: Facebook Usage at the Riau College Students

Erlin, Fitri, T.A., Susandri (2015) *Procedia Computer Science*

An object oriented dynamic security reference model for virtual enterprises

Jiajia, Z. (2016) *Proceedings of the 28th Chinese Control and Decision Conference, CCDC 2016*



[View all related documents based on references](#)

[Find more related documents in Scopus based on:](#)

[Authors >](#) [Keywords >](#)

References (13)

[View in search results format >](#)

All | [Export](#)   Print   E-mail [Save to PDF](#) [Create bibliography](#)

- 
- 1 Abdul Molok, N.N., Ahmad, A., Chang, S.  
Online social networking: a source of intelligence for advanced persistent threats  
(2012) *International Journal of Cyber Warfare and Terrorism (IJCWT)*, 2 (1), pp. 1-3. Cited 8 times.

- 
- 2 Ahmad, A., Bosua, R., Scheepers, R.  
Protecting organizational competitive advantage: A knowledge leakage perspective

(2014) *Computers and Security*, 42, pp. 27-39. Cited 45 times.  
doi: 10.1016/j.cose.2014.01.001

[View at Publisher](#)

- 
- 3 Ahmad, A., Maynard, S.B., Shanks, G.  
A case analysis of information systems and security incident responses

(2015) *International Journal of Information Management*, 35 (6), pp. 717-723. Cited 16 times.  
doi: 10.1016/j.ijinfomgt.2015.08.001

[View at Publisher](#)

- 
- 4 Cascavilla, G., Conti, M., Schwartz, D.G., Yahav, I.  
The insider on the outside: A novel system for the detection of information leakers in social networks  
(2017) *European Journal of Information Systems*, pp. 1-16.

- 
- 5 Chai, S., Kim, M.  
A socio-technical approach to knowledge contribution behavior: An empirical investigation of social networking sites users

(2012) *International Journal of Information Management*, 32 (2), pp. 118-126. Cited 76 times.  
doi: 10.1016/j.ijinfomgt.2011.07.004

[View at Publisher](#)

- 
- 6 Eisenhardt, K.M.  
Building theories from case studies research  
(1989) *The Academy of Management Review*, 14 (4), pp. 532-550. Cited 16577 times.

- 
- 7 Hofstede, G.  
What about Malaysia?  
(2017)  
Accessed 9 April 2017  
<https://geert-hofstede.com/malaysia.html>
-

□ 8 ISF  
Information Leakage, Information Security Forum Briefing No.4  
(2007) . Cited 2 times.  
Information Security Forum Accessed 5 May 2010  
<http://www.securityforum.org>

---

□ 9 Islam, M.Z., Jasimuddin, S.M., Hasan, I.  
The role of technology and socialization in linking organizational context and knowledge conversion: The case of Malaysian Service Organizations  
  
(2017) *International Journal of Information Management*, 37 (5), pp. 497-503. Cited 6 times.  
doi: 10.1016/j.ijinfomgt.2017.06.001  
  
[View at Publisher](#)

---

□ 10 Külcü, Ö., Henkoğlu, T.  
Privacy in social networks: An analysis of Facebook  
  
(2014) *International Journal of Information Management*, 34 (6), pp. 761-769. Cited 15 times.  
doi: 10.1016/j.ijinfomgt.2014.07.006  
  
[View at Publisher](#)

---

□ 11 MacKenzie, M.L.  
Manager communication and workplace trust: Understanding manager and employee perceptions in the e-world  
  
(2010) *International Journal of Information Management*, 30 (6), pp. 529-541. Cited 16 times.  
doi: 10.1016/j.ijinfomgt.2010.04.001  
  
[View at Publisher](#)

---

□ 12 Schneier, B.  
A taxonomy of social networking data, Schneier on security  
(2009)  
Accessed 10 March 2010  
[http://www.schneier.com/blog/archives/2009/11/a\\_taxonomy\\_of\\_s.html](http://www.schneier.com/blog/archives/2009/11/a_taxonomy_of_s.html)

---

□ 13 Yin, R.K.  
Case study research and applications: Design and methods  
(2017) . Cited 68 times.  
6th edn. SAGE Publications, Inc. California, USA

---

🔍 Ahmad, A.; School of Computing and Information Systems, The University of Melbourne, Victoria, Australia;  
email:atif@unimelb.edu.au  
© Copyright 2018 Elsevier B.V., All rights reserved.

---

ELSEVIER

[Terms and conditions ↗](#) [Privacy policy ↗](#)

Copyright © 2018 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.  
We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

 RELX Group™