

## Journal of Information System Security (JISSec)

[www.JISSec.org](http://www.JISSec.org)

**Mission:** The Journal of Information System Security (JISSec) is a unique and innovative peer reviewed publication of the **Information Institute**. The Journal views Information System Security in the broadest possible terms. While failure of technical systems and losses because of problems with technical control structures are clearly a cause of security breaches, the journal also considers misapplication of rules, inadequate policy formulations and other formal structural and administrative issues to be part of security. Besides, issues related to culture and regulatory controls are also considered relevant for publication in the journal. The **JISSec** mission is to significantly expand the domain of information system security research to a wide and eclectic audience of academics, consultants and executives who are involved in the management of security and generally maintaining the integrity of the business operations.

JISSec publishes original research and comments about the art and science of managing security in organizations. Contributions are particularly welcome which analyze the results of interdisciplinary research and relate to the intersection of theory, method and empirical findings. Of interest will be manuscripts, which present the theoretical concepts related to security design, development and implementation. Case studies, results of experiments and review of leading technologies are also welcome. **JISSec** submissions are **double blind refereed** and provide a forum for high quality research, communication and debate on the subject of the information system security.

**Audience:** **JISSec** is a scholarly publication and an outlet for research in information system security. JISSec is of value to both academic and practitioner audiences, particularly individuals interested in advances in information system security research. Academics interested in the Journal may have a wide range of disciplinary affiliations, including information science and technology, computer science, sociology and criminal justice, homeland security and business management.

Information for Authors: Readers interested in submitting articles are requested to send them electronically to [editor@jissec.org](mailto:editor@jissec.org). The journal is edited by Dr. Gurpreet Dhillon, Virginia Commonwealth University, USA. Managing editor of the journal is Dr. Filipe de Sa-Soares, University of Minho, Portugal. JISSec editorial offices are co-located at School of Business, 1015 Floyd Avenue, Virginia Commonwealth University, Richmond, VA 23284, USA and Department of Information Systems, University of Minho, Guimarães, Portugal. Detailed author guidelines are available at [www.jissec.org](http://www.jissec.org)

**Copyright and permissions:** Copyright © 2007 by The Information Institute. All rights reserved. No part of the manuscript may be reproduced in any form without written permission of the publisher, except for noncommercial, educational use such as classroom teaching purposes.

"This Publication is designed to provide accurate and authoritative information in regard to the Subject Matter Covered. It is sold with the understanding that the publisher is not engaged in rendering legal, accounting, or other professional service. If legal advice or other expert assistance is required, the services of a competent professional person should be sought" (from the Declaration of Principles jointly adopted by a Committee of the American Bar Association and a Committee of Publishers and Associations).

Issue: Vol. 3, No. 1. ISSN: 1551-0123. An Information Institute Publication

**Subscription information:** Institutional - \$988 (print and online). Individual - \$80 (print and online). Individual (online) - \$45. Substantial discounts are available to institutions and individuals not residing in the high income group countries as per the World Bank. Contact Information Institute at: 2020 Pennsylvania Ave. NW Ste 904, Washington DC 20006, USA. Email: [sales@information-institute.org](mailto:sales@information-institute.org)

**Editor-in-Chief**

Gurpreet Dhillon  
Virginia Commonwealth University, USA

**Co-Editors**

James Backhouse  
London School of Economics, UK  
Vijay Masurkar  
Sun Microsystems, USA

**Managing Editor**

Filipe de Sa-Soares  
University of Minho, Portugal

**Associate Editors**

Jeimy J. Cano, Universidad de los Andes, Columbia  
Jean-Noel Ezingard, Henley Management College, UK  
Steve Furnell, University of Plymouth, UK  
Qing Hu, Florida Atlantic University, USA  
Günther Pernul, University of Regensburg, Germany  
Jeff Stanton, Syracuse University, USA  
Mikko Siponen, University of Oulu, Finland  
Raj Sharman, SUNY Buffalo, USA  
Rossouw von Solms, PE Technikon, South Africa  
Dan Shoemaker, University of Detroit Mercy, USA  
Merrill Warkentin, Mississippi State University, USA  
Mark Weiser, Oklahoma State University, USA  
Greg B. White, University of Texas, San Antonio, USA

**Book Review Editor**

Heinz Roland Weistroffer  
Virginia Commonwealth University, USA

**Editorial Advisors**

Richard Baskerville  
Georgia State University, USA  
Allen Lee  
Virginia Commonwealth University, USA

JISSec 3(1) 2007

---

---

**Journal of  
Information System  
Security**

---

---

[www.jissec.org](http://www.jissec.org)

**Volume 3 Number 1 2007**

Editorial	1	Editorial
Research Papers	3	Ethics and Morality - a business opportunity for the Amoral? <i>Ian O. Angell</i>
	19	An Evaluation of Size-based Traffic Feature for Intrusion Detection <i>Ming Ye, G. Premkumar, Dan Zhu</i>
	37	The Effect of Spam and Privacy Concerns on E-mail Users' Behavior <i>Insu Park, R. Sharman, H. Raghav Rao, S. Upadhyaya</i>
Book Review	64	Digital Crime and Digital Terrorism <i>Robert W. Taylor, Tory J. Caeti, D. Kall Loper, Eric J. Fritsch, John Liederbach</i>

**Call For Papers**

**2008**

**The 7th Security Conference**

Las Vegas, Nevada, USA

June 2-3, 2008

**Log on to**

**[www.security-conference.org](http://www.security-conference.org)**

**for details**