

Journal of Information System Security (JISSec)

www.JISSec.org

Mission: The **Journal of Information System Security (JISSec)** is a unique and innovative peer reviewed publication. 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. 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, Snead Hall, 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

Copyright and permissions: Copyright © 2010 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. 6, No. 2. 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

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, *Kingston University, UK*

Steve Furnell, *University of Plymouth, UK*

Qing Hu, *Iowa State University, USA*

Kerry-Lynn Thomson, *NMMU, South Africa*

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, *NMMU, 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 6(2) 2010

***Journal of
Information System
Security***

www.jissec.org

Volume 6 Number 2 2010

Editorial	1	Editorial
Research Papers	3	The Power of Discretion in IS Security <i>Spyridon Samonas, Ian O. Angell</i>
	30	A System Dynamics Model of Information Security Investments <i>Ravi S. Behara, C. Derrick Huang Qing Hu</i>
	47	Proving Correctness of SCADA Security-Enhancement Models <i>Sandip C. Patel, James H. Graham</i>
	68	Security, Privacy and Politics in India: A Historical Review <i>Ramesh Subramanian</i>

Call For Papers

2009

The 8th Annual Security Conference

Las Vegas, Nevada, USA

April 15-16, 2009

Log on to

www.security-conference.org

for details