

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 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 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. **JIST** 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 co-edited by Dr. Gurpreet Dhillon, Virginia Commonwealth University, USA and Dr. James Backhouse, London School of Economics and Political Science, UK. Industry editor for JISSec is Vijay Masurkar, Sun Microsystems, USA. JISSec editorial offices are located at School of Business, 1015 Floyd Avenue, Virginia Commonwealth University, Richmond, VA 23284, USA. Detailed author guidelines are available at www.jissec.org

Copyright and permissions: Copyright © 2005 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. 1, No. 1. ISSN: 1551-0123. An Information Institute Publication

Subscription information: Institutional - \$995. Individual - \$30 plus shipping and handling (\$25). Developing Countries as per UN list – Institutional subscription rates will be reduced by 50%. Contact Information Institute at: 2020 Pennsylvania Ave. NW Ste 904, Washington DC 20006, USA. Email: sales@information-institute.org

Editors

Gurpreet Dhillon
Virginia Commonwealth University, USA
James Backhouse
London School of Economics, UK

Industry Editor

Vijay Masurkar
Sun Microsystems, USA

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
Dan Shoemaker, University of Detroit, Mercy, USA
Jeff Stanton, Syracuse University, USA
Mikko Siponen, University of Oulu, Finland
Raj Sharman, SUNY Buffalo, USA
Rossouw von Solms, PE Technikon, South Africa
Merrill Warkentin, Mississippi State University, USA
Mark Weiser, Oklahoma State University, USA
Greg B. White, University of Texas, San Antonio, USA

Editorial Advisors

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



JISSec 1(1) 2005

***Journal of
Information System
Security***

www.jissec.org

Volume 1 Number 1 2005

Editorial	1	Meeting the Information System Security Challenge
Research papers	7	Systemic Risk redefining Digital Security <i>Ian O. Angell</i>
	23	Information Warfare: A Comparative Framework for Business Information Security <i>Richard Baskerville</i>
	51	The Ephemerizer: Making Data Disappear <i>Radia Perlman</i>

Call For Papers

2006

The 5th Security Conference

Las Vegas, Nevada, USA

April 19 – 20, 2005

Chairs

Gurpreet Dhillon

Virginia Commonwealth University, USA

Steve Furnell

University of Plymouth, UK

Log on to

www.security-conference.org

for details