

Kanwal K Mookhey, Principal Consultant

Summary	<p>Kanwal K. Mookhey is the Principal Consultant and Founder at NII Consulting. He is an internationally well-regarded expert in the field of IT governance, information risk management, forensic investigations, and business continuity. He has more than 8 years of experience in this field, having worked with prestigious clients such as the United Nations WFP, Abu Dhabi & Dubai Stock Exchanges, State Bank of India, Atos Origin, Saudi Telecom, World Customs Organization, Capgemini, Royal & Sun Alliance, and many others.</p> <p>His skills and know-how encompass risk management, compliance, business continuity, application security, computer forensics, and penetration testing. He is well-versed with international standards such as COBIT, ISO 27001, PCI DSS, BS 25999, and ITIL / ISO 20000.</p> <p>He is the author of two books (Linux Security And Controls by ISACA, and Metasploit Framework, by Syngress Publishing), and of numerous articles on information security. He has also presented at conferences such as OWASP, Blackhat, Interop, IT Underground and others.</p>
Certifications	<ul style="list-style-type: none"> ➤ Certified Information Systems Security Professional (CISSP) ➤ Certified Information Systems Auditor (CISA) ➤ Certified Information Security Manager (CISM) ➤ BS 7799 Lead Implementor from BSI
Areas of Expertise	<ul style="list-style-type: none"> ➤ Information Risk Management ➤ Business Continuity ➤ Security Audits & Assessments ➤ Compliance – ISO 27001, PCI, ISO 20000 ➤ Penetration Testing ➤ Forensics Investigations
Technical Skills	<ul style="list-style-type: none"> ➤ Network Security <ul style="list-style-type: none"> ○ In-depth knowledge of TCP/IP fundamentals ○ Intrusion detection, analysis, signature writing, and computer forensics ➤ Worked on security for a wide range of operating systems, databases, web servers, mail servers, directory services and applications

	<ul style="list-style-type: none"> ➤ Experience with an extensive range of security systems and solutions ➤ Operating Systems: Windows (all), Linux, Sun Solaris, HP-UX, AIX, OpenVMS ➤ Servers: NFS, FTP, Samba, Apache, Squid, Mail Servers (qmail, sendmail and postfix), DNS, DHCP, NIS ➤ Databases: Oracle, MS SQL Server, Sybase, DB2 ➤ Network components: Firewalls, IDS/IPS, UTM, Security Information Management, etc. ➤ Security tools: Nmap, Nessus, Fport, Ethereal, Hping2, tcpdump, arpsniffer, ettercap, dsniff, firewalk, windump, inprotect, Nikto, tcpdump, tcpextract etc. ➤ Forensics Tools: Encase, Sleuth kit, Autopsy, FTK ➤ Languages: C, C++, Shell Scripting, Perl ➤ Firewalls: Cisco, Netscreen, Cyberguard, Checkpoint, Fortigate, Sonicwall, Snapgear ➤ IDS/IPS: In-depth knowledge of Snort, Dragon IDS, RealSecure
<p>Business Skills</p>	<ul style="list-style-type: none"> ➤ Communication and Interpersonal <ul style="list-style-type: none"> ○ Have good communication skills by virtue of being a public speaker and trainer ○ Experience in contract negotiations, project management, and client interactions ○ Experience in dealing with senior and middle management, system administrators, auditors, business partners, clients, customers, employees, etc. ➤ Project Management <ul style="list-style-type: none"> ○ Have led many of the projects executed by the company ○ Very strong commitment to quality of deliverables, and disciplined execution ○ Ability to meet and consistently exceed client expectations
<p>Training</p>	<p>Have conducted numerous trainings on Certified Professional Hacker (CPH), preparing for the CISA and CISSP, courses on Certified Information Security Consultant (CISC), Operating Systems Security, Database Security, Network Security, ISO 27001, Business Continuity Planning.</p>
<p>Security Articles & Research</p>	<p>Articles and Publications</p> <ul style="list-style-type: none"> ○ <i>Auditing IT Project Management</i> http://www.theiia.org/itaudit/features/in-depth-features-5-1-08/auditing-it-project-management/

	<ul style="list-style-type: none"> IT Audit, by the Institute of Internal Auditors, May 2008 <ul style="list-style-type: none"> ○ <i>Key Strategies for Implementing ISO 27001</i> http://www.theiia.org/ITAuditArchive/?aid=2047&iid=440 IT Audit, by the Institute of Internal Auditors, February 2006 <ul style="list-style-type: none"> ○ <i>Evaluating Application Security Controls</i> http://www.theiia.org/ITAuditArchive/?aid=2682&iid=541 IT Audit, by the Institute of Internal Auditors, June 2007 <ul style="list-style-type: none"> ○ <i>Penetration Testing of IPSec VPNs</i> http://www.securityfocus.com/1821 ○ <i>Common Criteria – an overview</i> Information Systems Control Journal by ISACA, Volume 1, 2005 <ul style="list-style-type: none"> ○ <i>The Metasploit Framework (3-part article)</i> http://www.securityfocus.com/1789 ○ <i>Common Security Vulnerabilities in e-commerce systems</i> http://www.securityfocus.com/infocus/1775 ○ <i>Detection of SQL Injection and Cross-site Scripting Attacks</i> http://www.securityfocus.com/infocus/1768 ○ <i>Auditing Oracle Security</i> http://www.theiia.org/itaudit/index.cfm?fuseaction=forum&fid=5509 ○ <i>Open Source Tools for Security and Control Assessment</i> Information Systems Control Journal by ISACA, Volume 1, 2004 <ul style="list-style-type: none"> ○ <i>Apache Security Controls and Auditing</i> Information Systems Control Journal by ISACA, Volume 5, 2003
<p>Books</p>	<ul style="list-style-type: none"> ○ <i>Linux Security, Audit and Control Features, published by ISACA</i> http://www.isaca.org/Template.cfm?Section=Browse_By_Category&Template=/Ecommerce/ProductDisplay.cfm&Productid=646 ○ <i>Metasploit Framework – Syngress Publishing</i> http://www.syngress.com/catalog/catalog.cfm?pid=3780
<p>Presentations</p>	<ul style="list-style-type: none"> ➤ “Business Web Application Testing”, OWASP Asia 2008, Taiwan ➤ “Web Application Security”, Networld+Interop, Las Vegas 2005 ➤ “Evasion and Detection of Web Application Attacks”, BlackHat USA, 2004 ➤ “VPN Security Assessment”, IT Underground 2005, Prague, Czech Republic ➤ “Computer Forensics”, Seminar on “Fraud Management”, by Marcus Evans 2004, 2008, 2009 ➤ “Wireless LAN (in)security”, IETE Mumbai, 2003 
<p>Press and Interviews</p>	<ul style="list-style-type: none"> ➤ <u>Linux Security, Audit and Control Guidance Featured In New Book from Information Systems Audit and Control Association</u> ➤ “Neo has a new business model”, Economic Times, Front Page, 11th September 2004

	<p>http://economictimes.indiatimes.com/articleshow/847169.cms</p> <ul style="list-style-type: none"> ➤ “Tips for ferreting out vulnerable code”, Loop, August 2004 http://loop.interop.com/comments.php?id=217_0_1_0_C ➤ “Security Assessment Methodology – Cover Story”, Network Magazine, December 2001 http://www.networkmagazineindia.com/200112/cover2.htm ➤ “Linux Based Firewall Case Study”, March 2004 http://www.cxotoday.com/cxo/jsp/printstory.jsp?storyid=709
Testimonials	<p>“KK and his team did a brilliant job in guiding us towards the 27001 certification. Their approach was very methodical and systematic right from the stage of gathering requirements in the initial stages to the documentation work and then trainings and audit readiness stages. In fact what I liked the most about KK's approach was that he focussed on transferring his knowledge to us which has enabled us to sustain the improvements even without his involvement. They never restricted themselves to the scope of the contract. They were willing to that extra mile to make sure that it added business value to us.” Prabhanjan Pandurang, Director Quality and Continuous Improvement, Integreon</p> <p>“KK is a smart security professional and a great presenter as well.” Anton Chuvakin, Director of PCI Compliance Solutions, Qualys</p> <p>“Working with KK is a real pleasure. He has excellent management and analytical skills. He knows his job very well and is really good at managing customer expectations in a complex project environment.” Hasan Qutbi, Partner, Solution Intelligence FZ LLC</p> <p>“Kanwal is one of the most dynamic, innovative and hardworking individuals I have met in the Information Security space. His past work and achievements speak for himself.” Kartik Shinde, Manager, KPMG</p>