Network Security Solutions (I) Ltd
Fact Sheet

N S S
Rest Assured

Building Bridges

Company Overview

We are Asia's leading pure play Information Security Company with the main Operations center in India and presence in Malaysia, Singapore and the Middle East. We have done Information Risk management work for about 30 fortune 1000 corporations in Asia and US and are the trusted partners for Governments in the region (India, Malaysia and Brunei). The Company created the National level Center for Information and Network Security (CINS) for the Indian Government in 2002 and are in the process of establishing the Indian CERT. Company has core competence in remote security profiling (Attack and penetration/Vulnerability Assessments), physical security, Information Security consulting, training, research and development, Managed Security Services, Digital Forensics, BCP&DR, HIPAA Compliance, Attack Profiling and Information Dominance operations (Offensive and Defensive). Company is involved in research in contemporary areas including Intrusion detection Systems, Vulnerability Scanning, Wireless security, Development of Security Solutions based on Open Source architecture – most funded by the Governments of India and Malaysia.

NSS is also associate partner of British Standard Institute (BSI) for BS7799 Consulting methodology and has the largest pool of BS 779 Lead Auditor in the country.

NSS is in a unique position to leverage its expertise, intellectual capital, experience and cost advantage to tap the global information security & assurance market led by aggressive efforts focused on India, ASEAN and N. America.

NSS possesses skills, talent, expertise and experience, which could prove valuable in the quest to secure the Corporate Information Infrastructure and contribute towards enhancing the Corporate's Security initiatives. The armed forces / law enforcement background of the core team of founder directors lends itself ideally to the kind of application required for undertaking projects in this space. The same is substantiated by the trust earned by the company, of Governments in the APAC region.

Suite of Security Services Provided by NSS:

- Information Risk Management & Security Consulting
- Information Security Research & Development
- Information Dominance Operations (Offensive and Defensive Information Warfare operations)
- Managed Information Security Services
- Computer Security Incident Response Team Setup Consulting
- HIPAA Compliance Consulting Services
- IS Continuity & Disaster Recovery Planning Consulting
- Digital Forensics & Cyber Fraud Investigations
- Information Security Training & Certifications

High quality solutions based on informed expertise & accredited capabilities have helped the company win corporate clients by building trusted relationships to secure the enterprise Cyberspace. With the likes of Microsoft, AOL, Fire department of New York, UPS, Ranbaxy, DHL, Suzlon as some of our valued clients, NSS is ideally placed to offer customized solutions **Corporate houses** in the India, ASEAN region and US.

NSS is driven by its quest to add value. Be it in client engagements or in partnerships. Our operations bring a cost advantage that accrues out of servicing clients from India. NSS core team, having worked in law enforcement agencies like the Royal UK Police, Air Force and Military Special Forces possesses the highest levels of security consciousness. Built on this foundation of "personal integrity" and "security attitude" NSS experts have built professional hands on capabilities in all the domains of Information Security – Physical, Technical and Administrative. The company is not aligned with any products or solution providers and can thus offer the clients vendor independence, giving them a neutral assessment of what is best for them based on their requirements and dictated by specific products/solutions features.

The Company fact-sheet that follows would give you a glimpse of the company's track record and capabilities to help you objectively evaluate us. On any or all of these points we would be glad to provide testimonials, references or address further questions, should there be any.

Company Fact Sheet

Company Presence

Corporate Headquarters	Network Security Solutions (India) Ltd (NSS) 19 A, Vidyut Nagar, Off South Main Road, Koregaon Park, (city) Pune (zip code) 411001, (state) Maharashtra, India.
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E-mail Address	ceo@mynetsec.com
Other office locations	India - Mumbai, New Delhi, Kolkata Malaysia - Kuala Lumpur Singapore UAE – Dubai
DUNS Number	91-852-8865

Business Type

Services	Information Risk Management & Security Consulting
	Information Security Research & Development
	Managed Information Security Services
	Computer Security Incident Response Team Setup Consulting
	HIPAA Compliance Consulting Services
	IS Continuity & Disaster Recovery Planning Consulting
	Digital Forensics & Cyber Fraud Investigations
	Information Security Training & Certifications

Clientele

Government	Government of India	
	Government of Malaysia	
	Sultanate of Brunei Darasalaam	
	New York Fire Department (Syracuse)	
	Indian State Government of Maharashtra	
	Indian State Government of Karnataka	
National Security	Armed Forces	
	Intelligence	
	Law Enforcement – Police & Judiciary	
	Cyber Crime Cells	
Industry Verticals	Banking Industry &	
	Non Banking Finance Companies	
	Pharmaceuticals	
	IT Enabled Service Providers	
	Telecommunication Service Providers	
	ISPs	
	Manufacturing & Consulting Firms	
	Logistics & Postal Service Providers	

Collaborations & Strategic Knowledge Partnerships

Knowledge Partnerships	Ministry of ICT, Government of India (CERT Physical Setup)	
	Indian Institute of Science, Bangalore (CERT Industry Knowledge Partner)	
	University of Pune, Pune (Setup & Manning of India's Centre for Information & NW Security)	
	Tata Institute of Fundamental Research, Mumbai (Wireless Security & Network Attack Profiling Research)	
	NISER, Kuala Lumpur (Malaysia's National Institute of Security & Emergency Response)	
	MyCERT, Kuala Lumpur (Malaysia's CERT)	
Authorized Training Provider	SCP - Security Certified Program offering SCNP/SCNA	
	CIW SA– Certified Internet Webmaster Security Architect	
	CEH – Certified Ethical Hacker program (EC Council)	
	CWSE – Certified Wireless Security Expert	
Affiliations & Associations	Computer Security Institute (CSI)	
	Internet Security Advisory Group (ISAG)	
	American Society of Industrial Security (ASIS)	
	Association of Certified Fraud Examiners	
	Information Security Audit & Control Associations (ISACA)	
	Anti-Hacking Association of Asia	

NSS Team Strengths

HR Profile	**July 2003**	**112**
Technical Resource	*Senior Infosec Engineers	18
	#Junior Infosec Engineers	24
	*Senior Telecom/NW Sec Engineers	06
	#Junior Telecom/NW Sec Engineers	10
	Info Sec Training Specialist	06
	Physical Security Specialist	07
	HIPAA Digital Forensics Experts	05
	BCP & DR Specialist	02
	BS 7799 Lead Auditor	18 – largest in India
	NBC Specialist	01
Law Enforcement/ Armed Forces Background	Top **35%** of management & Technical Specialists	
Infosec Qualifications	CISSPs (Certified Info Systems Security Professionals) – ISC2	
	BS7799 Lead Auditors – British Standards Institute	
	CPP (Certified Protection Professional) - ASIS	
	CISAs (Certified Information Security Auditor) - ISACA	
	CEH (Certified Ethical Hacker) – EC Council	

	SCNP (Security Certified Network Professional) – SCP
	CIW (Certified Internet Webmaster) – Prosoft, USA
	Technical Surveillance Counter Measures Certification

*Senior - Average experience 6 yrs + MS or equivalent
#Junior- Average experience 3 yrs + BS or equivalent

Offerings

Information Risk Management & Security Consulting	Threat Analysis Network Penetration testing Vulnerability Assessments -Technical Vulnerability Assessments – Physical and Administrative Due Diligence Assessments Benchmarking and Gap Analysis Regulatory Assessments (BS7799) Policy Reviews IS Implementation Technology Integration Secure Digital Commn. Design Software Application Code Security Reviews
Information Security Research & Development	Wireless Security Research Attack Profiling & Incident Response research Open Source Products Email & Content filtering Firewall, IDS ̦ Integrity Management, Vulnerability Scanner Single Sign on solution based on Kerberos Customized Concept Based Information Security Product Dev
Managed Information Security Services	Firewall Management Services Vulnerability Scanning Services Managed Anti-virus Services Intrusion Detection Services
Computer Security Incident Response Team Setup Consulting	CSIRT Conceptualization & Design (Goals, Charter, Structure Definition) CSIRT Physical Setup CSIRT Operationalization CSIRT Training
HIPAA Compliance Consulting Services	HIPAA Needs Analyses HIPAA Privacy Compliance HIPAA Security Compliance Enterprise wide HIPAA Compliance
IS Continuity & Disaster Recovery Planning Consulting	Risk Assessment (Threat and Vulnerability) Business Impact Assessment Plan Development & Testing
Digital Forensics & Cyber Fraud Investigations	Cyber Fraud Investigations Related training Digital Forensics Training
Information Security Training & Certifications	Awareness Training & Compliance Workshops/seminars Customized Corporate IS Training Tech Staff Basic & Advanced Training NSS Security Certification Services ATP for SCP, CIW, CEH international certifications

Research Focus

Wireless	Two Factor Wireless Security
	Wireless Network Scanning
PKI	Platform-Independent Document Security Management and Transfer

Client Snapshot

Government	Ministry of ICT, Government of India
	Indian Army
	Karnataka State Police
	Government of Andhra Pradesh
	Mumbai Police
Corporate	Ohm Labs, Princeton, New Jersey, USA
	Paetec Commn Inc., Fairport, NY, USA
	Netrica Web Services, Rochester, NY, USA
	OT, Direct Brant, NY, USA
	Fire Department of New York, Syracuse County, NY, USA
	eQiosk Inc, CA, USA
	UshaComm, Reston, VA, USA
	AOL
	Quest Research, Hong Kong
	Microsoft, India
	Phoenix Global Solutions
	United Parcel Service
	Suzlon
	Tata Technologies India Limited
	Tata Infotech Services
	Ranbaxy Labs Limited (Leading Pharma major, World's largest Generic Drug company, India's largest Multinational corporation)
	Pepsico

Project Experience

NSS has partnered with several government and federal departments in Information Security Projects and ventures. Some relevant projects are given below: -

Government/Federal Projects

1. **Government of India, Ministry of Defence**

    - Information Security Policy Advisors to the Indian Army. NSS has assisted in defining policies related to use of Information Systems in the Army and carried out extensive e-Security reviews and Penetration Testing (Internal and External) on crucial networks.

    - Training of officers specialising in Information Security (offensive and defensive aspects), to man the Information Security Cell. This training was conducted over a period of two months for officers with Masters Degree in Engineering from IIT Delhi and IISc Bangalore.

2. **Government of India**

NSS has actively assisted, and continues to assist Indian Intelligence Agencies in gathering evidence and information related to national security matters. This work entails the penetration of networks specified by the intelligence agencies and subsequent analysis of the networks. Due to the esoteric nature of these assignments, further amplification cannot be made in this document.

3. **Ministry of Communication and Information Technology**

- **CINS (Centre of Excellence in Information and Network Security):**

    Department of Information Technology has initiated a project to standardize   security requirements by setting up India's first Centre of Excellence in Information and Network Security to address, strengthen and protect the information assets across industry segments based on their criticality and need. This Centre was commissioned in May 2002 at the University of Pune along with its knowledge partner, Network Security Solutions (India) Ltd. (NSS). It aims to fulfil the emergent need for indigenous development of intellectual property in the field of information security, design and conduct e-Security Training Programs with applicability for different audiences and establish standards for network security audits/reviews, ethical hacking, penetration methodologies and techniques, computer forensics and other issues of National Security.

- **INCERT (Computer Emergency Response Team, India)**

    The INCERT would be the nation's most trusted referral agency for all acts connected with Information Security. Its writ will run beyond the individual disciplines such as technology, policy, law and the society but would work all forms of interfaces between them.

    The Government of India has initiated the INCERT project to address the following issues:

    a) Protect the network against the threat perceived

    b) Detect any infractions

    c) Evolve rapid recovery process so that the dependence on the critical infrastructure does not become a weakness.

    NSS expertise is being utilized to setup INCERT , impart requisite training and deploy manpower initially to run this prestigious project.

4.   Government of Maharashtra

NSS has successfully conducted Computer Forensic investigations on hard disks, email monitoring and Network Penetration tests for the Mumbai Police Cyber Crime Cell between Oct 01–Jan 02. These investigations have greatly assisted the Cyber Crime Cell in solving crimes in which computers have been used as the means and as the target. Some matters pertaining to national security have also been recovered in the course of the investigations stemming out of **13th December attack on Indian Parliament**.

5. Karnataka State Police

NSS successfully carried out Computer Forensic Investigations for a leading software development house in Bangalore, to trace the origin of some threatening emails and to track down the perpetrator. The evidence from the perpetrator's hard disk in the office as also a hard disk from a cyber café used by the same person was presented, establishing without doubt his involvement in the case. The individual was subsequently charge-sheeted by the Karnataka Police.

6. Government of UAE, Dubai

- NSS has conducted an extensive 40-day training programme in Information Security for the Cyber Crime Cell of the Dubai Police. This training included detailed training in Attack and Penetration Testing and Counter Measures. The training was conducted in Nov-Dec 01 for Dubai police officers, with extensive qualifications in the IT field with a Masters qualification in Information Security.

- The syllabus was designed to start with Fundamentals of Networking, and accelerate to the Advanced eSecurity Applications on the Internet.

- To meet the specific stated requirement of the Dubai Police, the course also covered in detail offensive aspects of Information Security (Attack and Penetration **and Methodology** of Intrusions) to build a knowledge base with regard to the origin of cyber attacks and the manner in which they are perpetrated.

- This knowledge in turn would help build a robust defence for network architectures and help in securing confidential records maintained by the Police and their communications on the Internet.

7. Fire Department, New York (FDNY)

- NSS has secured the networks of many counties of the Fire Department, New York in Nov-Dec 01. The FDNY was in the limelight in the rescue operations in the aftermath of the Sep 11 incidents in the USA and faces both an overt and covert threat from terrorist groups with a point to prove. NSS carried out a threat analysis of NYFD's LAN-WAN environment by conducting

Internal and External Penetration tests and patched the vulnerabilities. The Operating Systems were also hardened.

- NSS has also formulated policies for the NYFD, and drawn up secure network architecture for the NYFD's Credit Unions (similar to in-house Cooperative Banks) that conduct transactions on-line.

8. **Software Technology Parks of India – Noida (STPI – Noida)**

- An extensive Network Security Review and Penetration test was conducted for the Data Centre at STPI – Noida and BS 7799 compliance for 5 locations.

Corporate Projects

NSS also has extensive and varied experience in reviewing and implementing network security architectures for a number of large corporate clients. Such Security Reviews/Audits characteristically include a baselining of the existing security awareness and security levels of the corporate, carrying out extensive Penetration Tests using commercially tools, freely available tools as well as our own proprietary tools, preparing a Threat Analysis Report, and preparing and implementing customised Information Risk Management Policies. Along with the technical parameters, the Physical and Administrative domains are also addressed. In executing an information security review, **NSS also carries out a Physical Security Review with a view to identifying and eliminating threats to the information assets of the organisation, whether related to confidentiality, integrity or availability of the information.**

Some of the corporates that NSS has carried out Information Security Reviews for, and whose reference NSS is permitted to give, are listed below:

1. **Ranbaxy Laboratories Ltd (RLL)**
   - NSS has conducted a complete E Security Audit encompassing
     – Physical, Technical and Administrative aspects.
     – Penetration testing (Internal and External)
     – Application Level Penetration Testing
     – Formation of Information Security Policy
     – Fixing of Bugs and Applying the latest Patches
     – Recommendation of Security Products based on the requirements of RLL
     – Information Security Training imparted to the RLL IT team
     – Onsite Security Manager deployed by NSS.

2. **Jaiprakash Industries Ltd**
   - NSS has conducted Penetration testing of the clients networks from within the network as well as from various external networks.

3. **America On Line (AOL), America's largest ISP (and world leader in interactive services, Web brands, Internet technologies, and e-commerce services)**
   - Penetration testing (Internal and External) for AOL's networks for detection of security holes.

4. **OT Direct, Brant, New York, USA**
   - E Security Audit, including Penetration testing (Internal and External) for OT Direct's networks, Review of IS Policy.

5. **eQiosk (India) Pvt. Ltd., Bangalore**
   - Penetration testing (Internal and External) for eQiosk's networks as a part of an E Security Review and formation of IS Policy.

6. **PepsiCo India Holdings Pvt. Ltd.**
   - Penetration testing (Internal and External) for PepsiCo's networks for detection of security holes.

7. **Paetec, USA**
   - Penetration testing (Internal and External) for Paetec's networks for detection of security holes.

8. **CRISIL, India**
   - Penetration testing (Internal and External) of CRISIL's networks for detection of security holes.
   - Application Level Audit including application penetration testing and fixing of detected security holes.

Contact

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