

Dr. S. A. Vetha Manickam

Group Project Manager at Verizon
Computer & Network Security

<http://www.directoryinventor.com/profile/view/JmKMo4g5>

Experience

Group Project Manager

Verizon

10,001+ employees; Public Company; Information Technology and Services
December 2005 - Present

Responsible for Delivery of Identity Management, SSO, One Click product, One Access applications, Secure Mobile Enterprise Framework, Secure Mobile development techniques, Augmented Reality for Mobile Applications, and etc.

Senior Manger

Verizon Data Services

Computer & Network Security
2005 - Present

Dr. Manickam is a Group Project Manager, in Verizon Data Service Ltd for last six years. He looks after many security infrastructure Enterprise Mobility, Augmented reality for Network Support System, Identity, authentication, Authorizations, SSO integration and support, system support, Voice portal development team, and computer capacity planning team. Dr. Manickam is a certified CISSP professional and BS Lead auditor. He has an exceptional analytical with good interpersonal communication skills, team spirit, and firm belief in meritocracy. He has a more than 15 years of IT and Information Security experience and 5 years of Research experience with very good team player and has led various team of people in various capacities for products development, project execution, security consulting, technical proposal development, research and development on exploits and vulnerabilities. He prides himself for being a visionary leader who can quickly identify what is important in a solution and has established a track record for execution with excellence. He has led several large systems implementation projects one in excess of \$90M and several business transformation projects driving operational efficiency and excellence leading 100+ sized organizations. He has hands-on experience in IT strategic planning, enterprise architecture, application development, IT and business operations achieving efficiency, Office of the CIO and development of new Security-based business concepts including patents. He was awarded with Three US Patents on Data Masking/Protection for data privacy related security, and filed two US patents on One Click for logon once concept and two US patents on Secure Mobile Enterprise Framework for Smart devices in Verizon. He is the technical architect and chief innovator of One Click and Data Masking Engine. He also holds Six more Patents in earlier organization in Secure Mobile communications and Managed security services.

CTO

Network Security Solution

Computer & Network Security

2001 - 2005

He was a Chief Technology officer of Network Security Solution Ltd, (www.mynetsec.com), Pune, India, which is one of Asia Network and Information security consulting firms. Dr. Manickam is a certified CISSP professional and BS Lead auditor. Dr. Manickam was the security technical architect and chief innovator of Xecure Phone , with three modules namely, end-to-end voice encryption, Xecure Mobile Messaging (XMS), data and device security for smart phones, called Cell Sniper (<http://www.cellsniper.net>), which fetched him three patents. This is again based on home grown PKI technologies baed on Elliptic Curve Cryptography on key exchange mechanism on key. He was also involved in developing Secure Infrastructure product, involving secure desktop, secure Virtual Private Channels, Identity management, token for strong authentication, secure Email, and secure web framework. Dr. Manickam had developed of proprietary cryptographic encryption algorithms. He was further involved in development and integration of PKI products for authentication, confidentiality, integrity and Digital Signatures and consultancy services for many government and enterprise players. . He had led the team for development of Secure Desktop and Network Infrastructure product using crypto algorithms. He is also involved in cryptanalysis for mobile and Wireless LAN encryption algorithms. He had spearheaded development teams in Entrust product integration, iKey integration, vulnerability scanner development and incorporation of Digital Signature for the Enterprise solutions. He had been leading projects on open source security developing secure kernel and hardening system based on access control models like MAC, DAC, RBAC and LBAC. He was also working on Hardening Linux project for various clients. He had lead implementation of Hybrid LAN (wired and Wireless network) with the campus wide roaming with Mobile IP and centralised management.

CTO

Network Security solutions

Computer & Network Security

2001 - 2005

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Network Security Solutions (I) Ltd.

Computer & Network Security

2001 - 2005

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Network Security Solutions (India) Ltd.,

Computer & Network Security

2000 - 2005

Head of Tecnical Competancy Center

Global E-secure Pvt Ltd.

51-200 employees; Privately Held; Information Technology and Services

January 1999 - October 2000

Technical Architect

Tata Infotech

1001-5000 employees; Public Company; Information Technology and Services
March 1998 - September 1999

Education

Tubingen University

Computational Physics

1998 - 1999

Activities and Societies: Research on the Computational Physics

Indian Institute of Technology, Bombay

Scientific Computing

1993 - 1997

Anna University

Applied Mathematics

1991 - 1993

Activities and Societies: involved in conducting Ramanujam Mathematical Olympiad

St. Xavier's College

Mathematics

1988 - 1991

Patents (3)

[Method and apparatus for rule-based masking of data](#)

SA Vetha Manickam, Ramanjaneyulu Rmanjaneyulu Padegal

February 19, 2009: 20090048997-A1

[Method and system for masking data](#)

SA Vetha Manickam, S Saravanan Nattamai

February 19, 2009: 20090049512-A1

[Method and apparatus for providing a data masking portal](#)

SA Vetha Manickam, S Saravanan Nattamai

February 19, 2009: 20090049511-A1

[View all \(3\)](#)