**Stephen Larson**

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 https://www.linkedin.com/in/stephen-larson

**IT Security Director**

IT Security leader with demonstrated success in technology planning and execution to support strategic business and information security objectives. Recognized for implementing technology & security standards, processes and initiatives that generate multi-million dollar impacts, increase revenue and reduce costs. Security-based hands-on experience in cost-effective, multi-tiered, high performance distributed enterprise cluster internet / intranet applications, relocations across industries, including Consulting, e-Banking, Healthcare (HIPAA), Telecommunications and Software Development. Proven success developing strong client relationships using interpersonal communication skills. Skilled in all Information Security facets from requirements gathering, documentation, analysis and conceptual design through architecture and implementation including: vulnerabilities, controls, technologies, human factors issues, and management issues. Provide clarification of individual information security responsibility and accountability so that necessary information security activities are performed as needed, according to pre-established procedures, polices, and standards.

Manage information security improvement projects, development, management approval, implementation, and produce objectives, goals, policies, standards, guidelines, and other requirement statements. Provides managerial guidance to all personnel on the development of local, system-specific, and application-specific information security.

**Key Management Skills:**

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| --- | --- |
| * Security Solutions with Corporate, Banking, Global Healthcare(HIPAA), Global Telecommunications, Technology | * Security Strategic Technology Planning |
| * Security E-banking solution design, implementation with Testing prior go-live with Federal Reserve | * Security Information / Policies / Procedures / Standards |
| * Disaster Recovery Planning, Cluster High-Availability, Replication | * Client Interfacing, Onsite / Global Coordination |

**Technical Skills**

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| Networking and Systems Hardware: | Cisco Routers/Switches, Cisco ASA, Check Point / Nokia firewall, F5 NLB, Foundry Routers/NLB/Switches , Linux/Sun Platform |
| Network Communications/Routing Protocols | TCP/IP, PPP, RIP v1/v2, OSPF, BGP, IGRP, EIGRP, ISDN, T1 |
| Security Software | Acme, Check Point Firewall-1 NG/Nokia Firewall, Cisco Routers/Switches/ASA, F5 NLB, Foundry Routers/NLB/Switches, NMAP Nessus, Proxy, Reverse Proxy, Ssl, Ssh, Snort, Wireshark, CERT, X.509 Secure Certificates |
| Voice Networks | Acme, Cisco - Cube, Call Manager, Unity, HICS, IP Communicator, Circuits |

**Professional Experience**

HP Enterprise Service, Schenectady, NY 2013-2016

**Global Security Architect – Alcatel Lucent / Nokia 120 Countries, 200K users, 300-400 Applications**

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* Delivered global security architecture and system engineering, cluster designs, and contracts.
* Working on **12-15 Security proposals simultaneously**, all Designs requiring ALU IT Security Governance Board and QMS Peer Review Internal prior-approval before submission of RFP for implementation Program/project approval..
* Managed global teams of Program and Project Managers, Architects, and Leads from different functional areas, including DevOps; Midrange; Storage / Backup(including SAN / NAS – EMC / NetApp / HP); Network (F5 NLB, Cisco); Security (Check Point/Certificates/Infrastructure, end-to-end); EUC; Applications – Cloud, Salesforce, CipherCloud, LDAP, Oracle, SAP, SQL; DRP; some Haven including Autonomy IDOL; VMware; RHEL; Unix / Solaris; MS Win; Clusters; HA; HP Servers. Responsible for over $14M in contractual revenue in a 7 month period. Recipient of 5 Presidents Quality awards and achieved Spartan White belt Certification.

Collabera (AT&T), Morristown, NJ 2012-2013

**Sr. Systems Engineer Consultant**

Provided global security support with Tel Aviv/Haifa/US Engineering teams. Configured security for Linux / HP BL 460C Blade Servers / Clusters NetApp FAS 3170 as well as daily health checks and backups / Acme Net-Net 4500 / Cisco (4948, 3750G, ASA, VoIP, CUCM, CUOM) / F5 IP 3900 / Checkpoint Nokia IP 1280 Firewall Systems, including support of: networking (LANS / WANS), hardware / software, database, SQL, Unix (Solaris / Linux RHEL, CentOS), Win up to 2012, upgrades, configurations, installations, integration, architecting, monitoring, maintenance checks. Including Oracle RAC 11.x, MySQL Database, VMware, HP Servers, SAN / NAS, integration.

* Assisted in supporting next generation products including architecting, DevOps, management, documentation, troubleshooting at using Remedy Software, Salesforce.
* Developed Unique Backup solution for Acme, Cisco, F5, Checkpoint Nokia 1285 Firewalls, NetApp FAS 3170 scripts.

GE Healthcare, Schenectady, NY 2004-2011

**Regional Sr. Systems Field Engineer**

Provided regional Security support for Hospitals/Healthcare PACS and Cardiology Systems, including architecting clusters and field support of networking (LANS / WANS), hardware / software, database, SQL, Unix (Solaris / Linux RHEL), Win up to 2008, upgrades, configurations, installations, integration, maintenance checks. Including Oracle, Sybase, MS SQL, HA, Database Replication, F5 Load Balancers, Cisco, VMware, EMC, HP, SAN / NAS, integration of PACS with RIS / HIS / Web / all modalities (CT / MR, etc.) 7+ years.

* Performed annual 32 hour PACS upgrades involving all application servers and integrations, database replication, failovers, etc.
* Developed immediate secure specialized workflows involving 5-10 systems to correct data integrity, clinical workflow.
* Reviewed, resolved urgent intermittent performance network issue at client site on Cisco switch within 2 hours.

Xpherix Corporation, Sunnyvale, CA 2001-2002

**Dual Global IT / Operations Director, Senior IT Architect**

Provided Security leadership for Global IT / Operations Group (24x7 ASP). Managed Network Operations Center (NOC) in co-location next to Google’s servers, delivering above 97% availability, Assist in Security, Development/QA/Production Release (SDLC/DevOps). **Relocated NOC to a new facility, running in roughly 8 hours.** Also directed diverse IT staff in a team-building environment in Silicon Valley and Munich.

* Re-architected Clustered production (NOC), development and QA to permit dynamic re-configuration, re-installation without impacting delivery of services – Front-End, middleware, back-end (Oracle), Cisco network, firewalls (checkpoint), load balancers, routers – Vendor Contact – Saved 80% cost on HW, 50% on NOC costs, while increasing space.

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DMS Corporation, San Leandro, CA 2000-2001

**Senior Security Systems Architect – acting as Dual Global IT / Operations Director, Senior IT Architect**

Provided Security E-banking design and implementation for **Federal Reserve** in San Francisco/Sacramento. Checkpoint/Nokia firewalls, Servers, Certificates, end-to-end.

Uniteq, Redwood Shores, CA 1999-2000

**National IT Director**

Provided Security for 3 corporate sites located in USA including Y2K with no negative impact. Firewall, LAN/WAN, Server/Infrastructure Security (Checkpoint, Cisco, others)

Philips, New York, NY / Mountain View, CA 1995-1999

**Philips Medical IT Manager, Global Sr PACS Systems Engineer**, Mountain View, CA 1997-1999

Provided Security for multiple healthcare clients globally, USA (CA/NY), Belgium, Netherlands, Haifa, UK, Sweden.

**Philips Multimedia IT Manager,** New York, NY 1995-1997

Provided Security multiple tiered firewalls for over 40 multi-tenant clients included relocations and clients in NYC/Westchester/CT. Architecture included.

**Stephen Larson Addendum**

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**Certifications**

Sun Competency Level 2000 Certification, work documented in Cornell NSF Grant / Network World

| **Current Certifications** |
| --- |
| Apache Web Server by ProveIT / Metrix Learning |
| AWS – 2017 is Work-in-Progress |
| Check Point Software CCSA |
| CISSP – 2017 is Work-in-Progress |
| HPE Spartan WhiteBelt Training – Major in Analytics (ADM) & Enterprise Security |
| Linux Administration by ProveIT / Metrix Learning |
| Linux Administration (General) by Brainbench |
| Unix Administration (Solaris 7) by Brainbench |
| Unix Administration (Solaris 7) by Brainbench |
| GE Healthcare Many (Six Sigma, PACS 3.0 Replication Server etc.) |
| Sun Microsystems SE1000 |
| Sun Microsystems SE1500 |
| Sun Microsystems SE2000 |
| Sun Microsystems SA-271 Solaris 4.X to 2.x Sys Admin |
| Sun Microsystems SA-380 Solaris Network Admin |
| TestPrep 1Z0-042 Oracle DB 10g:Admin I Release 2 - Skillsoft |
| TestPrep 1Z0-052 Oracle DB 11g:Admin I – Skillsoft |
| TestPrep 1Z0-051 Oracle DB 11g:SQL Fundamentals I - Skillsoft |
| TestPrep 1Z0-043 Oracle DB 10g:Admin II – Skillsoft |
| TestPrep 1Z0-047 Oracle Database SQL Expert - Skillsoft |
| VmWare VTSP |