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## Network & Security Design & Implementation Specialist Part Time (Contract)

We are looking for a veteran senior network and security design and implementation specialist to implement on-going Network and Security Infrastructure projects. The candidate must be extremely competent at implementing Fortinet security products and must be fully versed in HP network switching and routing technologies.

### **The Job**

Detailed design and implementation for on-going network and security implementation projects which are based largely on Fortinet technologies (including wireless and security technologies such as Fortigate, and Fortimail).

***This job is a contract position (expected duration 3 months elapsed)***

### **Duties & Responsibilities**

- Reporting to the Senior Solutions Architect and Service Delivery Manager for each project
- Reporting project progress to the assigned Project Manager
- Working in a team, communicating and documenting designs and change control effectively
- Mentoring both clients and staff in networking and security technologies
- Recommending designs, processes, procedures and policies that adhere to industry best practices and modern standards for network security and compliance
- Assisting with detailed design and equipment procurement processes
- Implementing into enterprise environments:
  - FortiGate firewall appliances in a redundant load balanced configuration
  - FortiMail appliances in a redundant load balanced configuration
  - HP Aruba and Procurve switches in a load balanced and redundant configuration, connecting core switches with HP SAN technologies via 10GB Ethernet

### **Required Skills & Experience**

The candidate must be self-motivated and results driven. The candidate must have considerable demonstrated enterprise experience in implementing a wide range of



VPN, wireless, and IPS technologies. In addition:

- 5+ years of professional experience in information security or related industry
- A proven track record with 5 or more years' experience in enterprise network environments
- Expertise in a wide variety of networking technologies such as network integration (routing & switching), security, wireless, Internet protocol communications and/or video
- Solid experience with Access control and firewalls/Unified Threat Management (UTM) devices
- DMZ Architectures
- Intrusion Detection and Prevention (IDS/IPS) systems
- Remote Network Access (Citrix, RDS, VPN)
- Anti-Malware/Anti-Virus (AV) prevention techniques and technologies
- Web Application Firewall Protection (WAF)
- Email and Messaging Security
- Web Content Filtering
- Distributed Denial of Service Prevention (DDoS)
- Experience with implementation of access control and authentication mechanisms such as 802.1x and EAP-TLS/TTLS
- Hands on technical experience with Fortinet load balanced FortiGate Firewalls, Security Applications and VPN connections on different platforms
- Hands on technical experience with Fortinet load balanced FortiMail appliances
- Hands on technical experience configuring HP Network equipment in complex enterprise environments that require redundant failover, IPS and control points
- Self-managing and able to successfully handle simultaneous projects
- Ability to work independently and deliver to I.T. Ideas' high quality delivery standards and methodologies
- Ability to train and mentor technicians - both clients and internal technical staff
- Hands on technical experience with a range of networking security methodologies and technologies
- Must be able to speak to the security landscape, architectural models and solutions credibly, and possesses the ability to discuss and present to senior members of a client team
- Extensive knowledge on PKI and X509 Certificate authentication.
- Excellent understanding of networking and security technologies/architectures including:
  - TCP/IP protocol suite, IPSEC, TLS, SSL, Multi-Factor Authentication, client and site-to-site VPNs, RADIUS, x.509 certificates
- One or more related vendor specific engineering certifications such as Palo Alto, Cisco, McAfee, Tripwire, Checkpoint, Fortinet
- Must have effective verbal communication, written and presentation skills

**Education**

Bachelor or Master's degree in Comp. Science, Engineering or other relevant technical field, or equivalent combination of work experience and education

## About I.T. Ideas Inc

I.T. Ideas Inc. is an IT services and solutions provider, working specifically within the non-profit sector in British Columbia. We focus on this sector due to our desire to give back and to support non-profit organizations in reaching their goals.

As specialists in strategic IT planning, technical project management, infrastructure management & deployment, cloud services, as well as IT outsourcing, we provide industry knowledge and resources tailored to fit the needs of our clients. We "technology enable" our clients, empowering them to become sustainable, and to grow and advance their business while leveraging the best value that technology has to offer. We are the "behind the scene's" provider that keeps our clients' systems running. We are also a strategic business partner for our client. As we grow, we are looking for full time and part time employees who are looking for interesting work, flexible schedules and opportunities for growth.

Please send a cover letter explaining your related experience and salary expectation, along with your resume to: [jobs@itideas.com](mailto:jobs@itideas.com). This position is to start immediately.