

Paul W. Fabian

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Skills and Tools

TCP/IP Networking, Routing and Switching, Cisco IOS, Enterasys OS, copper and optical (SM and MM) cabling and cable management, InfoBlox IPAM/DNS/DHCP, Palo Alto Networks Firewall, WildFire, NAC, Voice and Data CoS/QoS, VOIP, VMware and vCloud Air

Experience

Milwaukee School of Engineering, *Network Architect* (Sept 2011-Present)

- Established new design documents for network specifications to prepare infrastructure for the future
- Unified network hardware and wireless to a single vendor and single point of management
- Enhanced campus network traffic rate from 100/1000 ethernet to 10gb capable at each network stack
- Designed VLANs and Class of Service rules to prioritize IP phones and Cisco UCS traffic
- Designed and implemented addressing, VLANs, and routing for 58 network stacks across 13 buildings
- Designed and implemented VMware server VLANs and vCloud Air off-site server network
- Implemented redundancy for routing, firewalls, DNS/DHCP, and internet feeds via BGP
- Implemented network access control policy to manage network hardware and IP phones
- Implemented a secure firewall zone for sensitive data; redesigned access
- Implemented logging of access and device changes across network
- Maintain updated firmware on all network devices, from core to edge, firewalls, and DNS/DHCP
- Maintain a detailed daily log of all changes to the network environment
- Maintain and manage all DNS and static IP requests via IPAM
- Maintain and manage all firewall access requests and traffic between firewall zones
- Maintain and manage all wireless access points, controllers, and NAC
- Daily review of threats and vulnerabilities; mitigation and remediation when detected
- Manage and mediate change-control across all IT groups
- Manage and monitor endpoint protection for 4000 devices
- Responsible for network security and compliance policy, and network security audits
- Responsible for 24x7 on call availability, system & network monitoring via NAGIOS

FIS Management Services (eFunds), *Network Security Engineer* (June 2007 - 2011)

- Reviewed daily and real-time logs from servers and firewalls through Envision to maintain network security
- Monitored hourly changes to firewalls for vulnerabilities
- Monitored daily server changes through Tripwire
- Wrote and peer reviewed changes for 13 international firewalls
- Managed and monitored access for all network devices through TACACS+
- Monitored daily HTTP vulnerabilities through Darknet
- Installed, configured, and managed Cisco IDS appliances
- Key Encryption duties for ATMs (CVV, DESPIN, DES, 3DES)

eFunds Corporation, *Risk Application Analyst* (2006-2007)

- Implemented streamlined procedures to decrease turn-around time for priority tickets
- Re-wrote on-call procedures, increasing flexibility, availability, and redundancy of support
- Supported a wide range of Risk applications in Windows and Unix environments
- Supported batch traffic across internet and direct channels
- Performed SQL queries and updates to fraud database (Oracle)

eFunds Corporation, *ATS/DRC/DSS Technical Lead* (1999-2006)

- Supervised both internal technical support group and client technical support group
- Converted, trained and supervised call center and technical support desk in India.
- Supervised all escalations and requests for software, hardware, and development issues.
- Worked with project groups to provide fixes or document changes. Primary point of contact for troubleshooting many eFunds projects.
- Maintained current documentation databases for all software and hardware support. Created procedures and documentation for many proprietary applications to streamline support and efficiency.
- Acted as the keystone liaison for all ATS/DRC product conversions, changes, and project documentation of support procedures for both employees and clients.
- Primary project support for conversion of eFund's largest client to new application suite.
- Fulfilled computer hardware and new PC requests as well as manage hardware and license database. Maintain asset database application.

United States Navy Reserves, *Information Technology Rating* (2004-2006)

- Completed IT courses for rating with an overall 3.9/4.0
- Completed Electronics Technician courses with an overall rating of 3.8/4.0

Education

Graphic Design, at MATC, GPA: 3.467, Milwaukee WI (1991-1992)

Graphic Design, at UW Whitewater, GPA: 3.58, Whitewater WI (1993-1996)

Cisco CCNA 1-4, at MATC, GPA 3.625, Milwaukee WI (2007-2008)