**Andrew Kerr**

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**PERSONAL STATEMENT**

I have more than 20 years’ experience delivering secure, resilient and reliable enterprise grade information technology infrastructure & services across many sectors. Leading highly secure government infrastructure spanning the UK, Europe and USA, leading LAN / WAN replacements and telco & IT service provider and migrations and managing network connectivity with 1000’s of sites across Retail, Financial Services, Hospitality supporting service delivery to those customers across the UK and Europe. Using ITIL methodologies to deliver critical IT service improvement and transformations. Delivering improved business alignment with operational benefits following a continual service improvement model.

**KEY SKILLS**

* Local and Wide area network design, implementation and management
* Design and implementation and management of high availability and resilient IT Services
* Infrastructure hardening, management and developing secure design & operational standards
* Huawei, Cisco Catalyst / Nexus switching platforms with BGP and EIGRP routing
* Cisco ASA / Checkpoint / Juniper firewalls
* Barracuda web application firewalls / Cloudflare DDOS Protection
* Kemp / Barracuda / HA Proxy load balancers
* Working with multiple network service providers Virgin Media Business, BT Global Services, Vodafone, UpData Infrastructure, KCom, Proximus, AT&T, Verizon Business
* Experienced in ITIL v3 Foundation & Continual Service Improvement
* Data Protection Act / ISO 27001 Information Assurance / ISO 22301 Business Continuity Management / PCI DSS / HMG Security Policy Framework
* Infrastructure Virtualisation and Business Continuity Planning.
* Avaya Nortel CS1000 / Microsoft Lync / Skype for Business / Storm Cloud telephony
* Avaya Aura Contact Center 6.4
* AudioCodes session border controllers
* Bluecoat Packetshaper WAN optimization
* Blox & WebMarshal internet content filtering
* Windows Server NT to 2016 & Active Directory
* Microsoft Exchange 5.5 to 2010
* Blackberry Enterprise Server 4.1 to 5 & BES 12 MDM, Mobile Iron Cloud
* Microsoft SQL Server 2000 to 2016
* Windows 3.1 to 10 Workstations
* Citrix Metaframe XP to XenApp 7.6
* VMWare 3.5 to 6.0 and VMWare vCloud
* RSA SecureID, SafeNet, LinOTP two factor and Certificate authentication
* Trustwave SEG / Symantec Email.Cloud / Microsoft Exchange Online Protection
* McAfee Virus Scan Enterprise / McAfee EPO / Microsoft Systems Centre Endpoint Protection / Becrypt Disk Protect / Device Wall endpoint security
* NSI DoubleTake V4 to 5 / Symantec BackupExec
* HP MSL Tape Libraries
* MP MSA / EMX Clariion / Dell EqualLogic / Nimble shared storage platforms

**EMPLOYMENT HISTORY**

**IT Network Infrastructure & Security Manager** (Feb 2015 > Present)

Kings Secure Technologies| Bradford | [www.kingsltd.co.uk](http://www.kingsltd.co.uk)

Key Achievements

* Led the planning and implementation of a consolidated cloud voice and contact centre platform supporting our 24x7 business operations and new services.
* Led the planning, design, implementation and management of a fully resilient data centre network, firewall and virtualisation platform supporting the 24x7
* Led the design, implementation and management of the multi technology resilient WAN using Ethernet circuits, VPN’s, MPLS services & Dark Fibre
* Led the design and delivery of a resilient network for customer site monitoring
* Led the standardisation of configurations and software across the business
* Designed, implemented and managed secure, high-speed corporate & guest Wi-Fi
* Managed the Avaya CS1000 & Contact Centre Platform upgrade with BT
* Integrating with customer networks primarily in the Retail and Banking sectors
* Delivered low risk ratings consistently in independent IT Health Checks (Pen Tests)
* Led the vulnerability and external penetration testing program
* Led the deployment and rollout of Office 365, Skype for Business and Windows 10
* Delivered evidence for the external assessment of the ISO 27001 Information Assurance and ISO22301 Business Continuity accreditation.
* Led the delivery of regulatory compliant technical and business solutions

**Contract Network & Security Manager for Rochdale MBC** (Aug 2012 > Oct 2014)

Agilisys Ltd | Rochdale | [www.agilisys.co.uk](http://www.agilisys.co.uk)

Key Achievements

* Led the re-design, implementation and management of a fully resilient data centre network solution for a customer using Cisco Nexus / Catalyst and ASA Firewalls
* Led the implementation of a comprehensive infrastructure-monitoring platform.
* Led the design, implementation and management of corporate and guest Wi-Fi
* Led the network consolidation from 5 to 2 data centres
* Ensured the network and infrastructure solutions were designed to provide regulatory compliance for the customer on the Technical Design Authority group
* Led the standardisation of configurations and software across the network
* Led the migration 160+ offices and 2 new data centres onto a new MPLS Wide Area Network with Dark Fibre between data centres and key sites on schedule to allow consolidation of legacy data centres for a customer, reducing network costs by 35%
* Led the design, implementation and management of a segmented DMZ solution to allow secure DMZ hosting of public services.
* Led the delivery of regulatory compliant technical and business solutions

**Network, Systems & Security Manager** (Oct 2010 > June 2012)

Yorkshire Forward | Leeds | [www.yorkshire-forward.com](http://www.yorkshire-forward.com)

Key Achievements

* Led the management of a resilient international LAN and WAN
* Led the delivery of secure corporate and guest Wi-Fi using Cisco Systems
* Developed and managed the technical BCP plan and backup datacentre facilities including automatic network failover and resilient routing of Internet and WAN
* Managed the organisations’ compliance with statutory and regulatory policies and advised the Board on Information Assurance issues
* Led the migrations of data and infrastructure during the closure of the business.

**Network & Systems Manager** (Oct 2004 > Oct 2010)

Yorkshire Forward | Leeds | [www.yorkshire-forward.com](http://www.yorkshire-forward.com)

Key Achievements

* Delivered a resilient WAN across sites in the UK, Europe and the USA Private Circuits and Virtual Private Networks
* Designed and managed high security DMZ systems meeting government standards
* Designed and managed the fit out of a new primary Data Centre
* Designed, implemented and managed a fully resilient datacentre network, firewall & virtualisation platform delivering a 24x7 services to support continued growth of the business growth using Dell Servers, Cisco Switching and EqualLogic Storage
* Delivered secure, high speed corporate Wi-Fi using Cisco Systems
* Delivered end to end QOS across the whole network to enable VoIP
* Merged 6 Avaya CS1000 phone systems into a single High Availability IP system giving staff the flexibility to login at handsets any office
* Designed, Managed and monitored the 24x7 network and infrastructure
* Designed and managed the technical BCP plan and backup datacentre facilities including automatic network failover and resilient routing of Internet and WAN access
* Led the design of a flexible security & connectivity solution for a shared CRM platform serving 600+ users across 22 organisations to promote secure and joined up government delivery to 1m+ customers

**Network & Systems Assistant** (April 2000 > Oct 2004)

Yorkshire Forward | Leeds | [www.yorkshire-forward.com](http://www.yorkshire-forward.com)

Key Achievements

* Managed and monitored the 24x7 network and infrastructure
* Designed, implemented and managed a datacentre network, firewall platforms delivering 24x7 services to staff working around the world
* Delivered a resilient WAN across 6 sites in the UK and US using Private Circuits and Virtual Private Networks
* Deployed Bluecoat Packetshaper devices to ensure QOS for priority Citrix applications over the WAN
* Managed Avaya CS1000 phone systems at each site

**IT Assistant** (Jan 1997 > April 2000)

Yorkshire Forward / YHDA | Leeds | [www.yorkshire-forward.com](http://www.yorkshire-forward.com)

Key Achievements

* Managed and supported desktop services for 47 - 120 staff in the UK and overseas.
* Designed, implemented and managed the network and server infrastructure with the IT Manager.
* Merged ICT Systems from 5 different organisations into a single network and server infrastructure.

**Technical Training**

2015 Nimble Introduction and Administration (NTS-2001-I)

2011 VMWare Install Configure Manage vSphere v4.1

1997 – 2014

Microsoft Official Courses:

Core Solutions of Exchange Server 2013 Jump Start

Deploying Microsoft Lync Server 2010 Jump Start

Introduction to Installing & Managing Microsoft Exchange 2007

Updating Systems Engineer Skills from Microsoft Windows 2000 to 2003

Expert Track: Updating System Administrator Skills from Microsoft Windows 2000 to 2003

Implementing and Managing Exchange Server 2003

Implementing and Managing Exchange Server 2000

Designing a Microsoft Windows 2000 Directory Services Infrastructure

Implementing and Administering Microsoft Windows 2000 Directory Services

Implementing a Microsoft Windows 2000 Network Infrastructure

Implementing Microsoft Windows 2000 Professional and Server

Supporting Microsoft Windows NT4 Core Technologies

Internetworking with Microsoft TCP/IP on Microsoft Windows NT4

1998 Checkpoint Firewall-1: Architecture and Administration

Checkpoint Firewall-1: Managing Firewall-1

2010 Nortel Meridian 1 / CS1000 Telephone Manager Administration

2004 Nortel Meridian 1 / CS1000 Basic System Administration

2010 ITIL Service Management Foundation V3

1998 Cisco Introduction to Cisco Router Configuration

2006 Business Objects 5.18 Advanced Reporting

**Policy Training**

2014 Aristi Information Assurance Standards IS1 and IS2 (System Accreditation)

2011 TOGAF 9 Foundation

2010 National School of Government Information Assurance Standards IS2 and IS1 (System Accreditation)

2009 CESG Information Asset Owner Level 2 Training and Seminar

2007 Introduction to ISO 27001:2005 and ISO 17799:2005 Information Security Management

**Further education**

1994 – 1996 Park Lane College - BTEC National Diploma in Information Technology

1993 – 1994 Park Lane College - BTEC First Award in Information Technology

**Security Clearance**

Details of my HM Government and Police security vetting and clearance can be provided if required

**References**

References are available on request.