

# Anthony Kearns

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## I.T. CONSULTANT / TECHNICAL ARCHITECT

♦ PRINCE2 Project Management - Microsoft, Intel, CISCO ♦

Possessing over 17 years experience as a successful I.T. consultant in the private and public sectors. Recently managing short to medium term projects adhering to PRINCE2 guidelines. An accomplished Programme Coordinator with a proven ability to work with clients' staff, suppliers, consultants and management board. Proven in designing, directing and delivering complex projects within tight schedules and budgets from concept to operational status including handover, training and knowledge transfer at project completion. Now looking for a new challenging position as a project based Technical Architect within the Microsoft / Intel / Cisco environment.

## NOTABLE AREAS OF EXPERTISE

- Achieving significant energy reductions. Maximizing cost savings on the clients' behalf. Minimizing vulnerabilities. Formal training of staff. Managing technical teams, (internal staff, external specialists and suppliers). All stages of project development. Financial management. Maintaining security strategy.

## PROFESSIONAL DEVELOPMENT

<b>CCNA</b>	Cisco Certified Network Associate	2011
<b>MCSE</b>	Microsoft Certified Systems Engineer	2000
<b>CNE</b>	Novell Master CNE	1998
<b>BSc. (Hons)</b>	Physics 2.1 (University of Warwick)	1991

## PROFESSIONAL EXPERIENCE AND SIGNIFICANT ACHIEVEMENTS

### ACTIVE DIRECTORY CONSULTANT

**Oct 2011 - Present**

Crawford & Company (Birmingham), a short-term engagement:

- Designed and implemented an Active Directory authentication model to allow EMEA users in multiple forests to access the Crawford global web portal as part of their corporate initiative.
- Assisted with aligning their Active Directory environment to Microsoft best practices.

### MICROSOFT TECHNOLOGIES CONSULTANT

**Oct 2011 (4 days)**

ICS Solutions:

- Designed and implemented solutions and produced scoping documentation that secured new business.

### MESSAGING ARCHITECT

**Jun - Jul 2011**

BAA (Heathrow), a short-term engagement:

- Completed final aspects of a large migration to a Microsoft platform.
- Reviewed and made recommendations for the use of Forefront within BAA's Exchange 2010 fault tolerant environment.
- Integrated the Forefront Protection Server Management Console into Exchange 2010.
- Integrated the Active Directory into Forefront Online Protection for Exchange environment.
- Migrated Blackberry Enterprise Servers from a SQL cluster to a SQL mirror to ensure full support from suppliers.

### SENIOR INFRASTRUCTURE ARCHITECT

**Jun 08 - May 11**

Trinity College London:

- Managed a support team and responsible for all IT infrastructure whilst trouble shooting significant failures in the IT infrastructure. Initially stabilised the environment, reviewed and documented areas of concern. After submitting a proposal, secured the budget and brought the key areas up-to-date with the latest requirements.
- Designed and managed the migration to Windows Vista integrated desktop with a complete hardware refresh.
- Implemented Microsoft Systems Centre Configuration Manager 2007 for deployment and desktop management.
- Implemented core Finance and HR applications on multiple SQL 2008 instances that included disaster recovery.
- Allowed developers to utilise hardware more effectively for a large Oracle/Siebel application by designing and implementing multiple virtual machines using Hyper-V.
- Developed an ISDN/IP "Lifesize" video conference facility at Head Office with remote connectivity.
- Implemented an Exchange 2007 high availability environment, based on Windows 2008 clustering and network load balancing. This included the migration of all mail data from the existing Exchange 2003 environment.

- Designed and implemented a secure wireless infrastructure for staff using CISCO Wireless LAN Controllers and Lightweight Access Points.
- Designed and implemented a solution based on CISCO 4500 fault tolerant chassis' to meet future network requirements.
- Oversaw IT requirements during office expansion.
- Designed and implemented a new iSCSI SAN for File/Print services using HP and CISCO hardware.
- Replaced firewall with new high availability unit using Watchguard Firebox hardware and dual ISPs.
- Implemented Active Directory whilst integrating a new VPN method using Watchguard IP-SEC.

## TECHNICAL PROJECT MANAGER

Sep 02 - May 08

### The Planning Inspectorate, Bristol:

- Designed and project managed a migration (Win 2000 to 2003). This Included rationalisation and virtualisation of servers using a fault tolerant clustered host connected to a large Hitachi fibre based storage array. Utilising MS Automated Deployment Services on the majority of server builds. This reduced server deployment time to minutes instead of hours.
- Devised and co-ordinated the implementation of Microsoft SMS 2003 for software deployment and patch management.
- Extended the backup environment to include tape based recovery for servers using Symantec's "Bare Metal Restore".
- Conceived and effected streamlined server deployment using Microsoft's "Automated Deployment Services".
- Devised and co-ordinated the implementation of an Active/Active/Passive Exchange 2003 cluster. This included the migration of mailboxes from Exchange 5.5 for staff and the integration into "MimeSweeper for SMTP" product.
- Conceived and co-ordinated the amalgamation of the disparate communication rooms to one central location.
- Designed and managed the implementation of a centralised backup system using SDLT libraries and Netbackup.
- Technical architect liaising with external supplier to implement a secure VPN environment for remote user access.
- Managed the migration of all services from NT to Windows 2000 utilising Active Directory's "Distributed File System".
- Devised and effected the implementation of Microsoft Active Directory. This included the creation and testing of an integrated Windows XP desktop. The design was chosen to reflect the business architecture.
- Evaluated various hardware and software designs (including HP server "blade" viability).
- Co-ordinated the acceptance testing and benchmarking of all designs prior to deployment.

### On Secondment to the Planning Casework System (PCS) Project:

- Designed and co-ordinated the implementation of an internal web server farm for one of their key work flow applications ("PCS") using CISCO Content Switches in a fault tolerant arrangement.
- Extended this design by incorporating an external web server farm using a DMZ and a CISCO Intrusion Detection & Prevention (IDP) design to allow clients to access the system without compromise.
- Designed and managed (along with Hitachi Data Systems) the implementation of a large fibre based storage array. This included disk cloning technology and direct disk to tape backup using Symantec Netbackup/Foundation Suite. The end result was that of a fault tolerant storage system with hourly "snapshots" of all data and a method of committing the last snapshot to tape thus requiring no downtime of the system.
- The successful outcome of the project enabled PINS to meet its ministerial target for electronic working.

## EARLY CAREER SUMMARY

<b>Migration Consultant/Technical Design,</b>	Northern Trust, Docklands	July -Sept '02
<b>Active Directory/SMS Consultant,</b>	Cotswold District Council, Cirencester	April-June '02
<b>Migration Management/Technical Design,</b>	Miller Insurance Group Ltd, London	Feb '01-Feb '02

Northern Trust, (Feb '00-Feb '01) , Denton WildeSapte (Oct '99-Feb '00), VNU Publications, (June - Oct '99), J.P. Morgan Investment Management, (Oct '98-May '99), J.P. Morgan Guarantee Trust (Sep '95-Sep '98), J.P. Morgan Investment Management (May-Aug '95), United Artists Programming (Jan-Apr '95), J.P. Morgan Guarantee Trust (Oct-Dec '94), Conoco UK Ltd (Aug '91-Sep '94).

## TECHNICAL AREAS OF EXPERTISE

**Operating Systems/Languages:** Windows 2008 R2, Windows 2008 (x86/64bit) Standard and Enterprise (including clustering), Windows 2003 (R2, x86 and 64 bit), Hyper-V, Virtual Server 2005 R2, Windows 2000, Windows PE, Windows Terminal Services, Vbscript, Powershell, Cisco CATOS, CISCO IOS. Some UNIX and Mac exposure.

**Software:** Exchange (2010, 2007, 2003) including High Availability Clustering, Forefront for Exchange, Automated Deployment Services, SCCM 2007, SMS (2003 and 2), SQL (2005 and 2008), Virtualisation using Hyper-V. Symantec Netbackup (V6.5, 6.0 and 5.0 including Bare Metal Restore), Symantec Foundation Suite (V5.0 and 4.3), Ciscworks LMS (V3.0 and V2.6), Cisco Network Analysis Module (NAM), Cisco Content Switching Module (CSM), Hitachi Storage Navigator, Hitachi Fibre Multipath software (HDLM), ISA 2006 Firewall, Checkpoint NG (Secure Platform) Firewall, AVG Network & Sophos V4/V6 Anti-Virus, WebSweeper, MimeSweeper.

**Hardware:** Watchguard Firebox Firewall (High Availability), Cyberguard Knightstar Firewall, HP Proliant server hardware (DL, ML and including blades), Dell server hardware, HP iSCSI MSA Storage Array, Hitachi AMS (200 and 500) Fibre Channel Storage Array, Qlogic and Emulex Fibre Host Bus Adapters, Mc Data and Brocade fibre switches, CISCO Catalyst 650x switches (including redundant supervisor engines), CISCO 450x switches, CISCO Content switches, CISCO Network Analysis Monitor (NAM), CISCO IDP 4255, CISCO Wireless LAN Controllers and Lightweight Access Points, HP LTO, SDLT tape libraries, Toshiba/Dell/HP desktop/laptop hardware.