



Matt Givertz

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A well-respected senior consultant with extensive IT expertise in the fields of technical architecture, information security, service management, systems management and project management. Excellent interpersonal skills at all levels of seniority and computer or business literacy. Broad experience within public and private sectors. Able to operate effectively as a manager, team leader or team member.

Through the wide range of assignments, undertaken in the UK and abroad, Matt has accumulated skills in a wide range of technologies and also has excellent non-technical skills through his experience in presales, bid support, training, team leadership, staff management and project management.

Selected Achievements

Solutions Design

- Designed, procured and implemented an infrastructure solution capable of meeting Cabinet Office requirements for 'disaggregation' whereby test and development was delivered through Infrastructure as a Service (IaaS) and production through Platform as a Service (PaaS). The infrastructure solution also had to allow for two year re-procurement cycles and therefore be transferable between suppliers with minimal risk, cost and effort.
- Designed a highly secure data centre to support systems at a variety of impact levels to include cross domain desktop and DR for the transition, and subsequent modernisation, of legacy applications to a centralised solution based on a Shared Service solution
- Designed an enterprise architecture for the transition of legacy applications to a centralised solution based on a Service Oriented Architecture
- Designed a solution to support a centralised EDRMS for a central government department with offices linked through a satellite network to the central system.
- Determined the business and functional requirements for establishing a multi-tier web based Customer Services Centre as part of a local authority's e-Government initiative;
- Established the functional requirements for web based Customer Relationship Management systems for a number of private sector organisations.
- Designed a cost effective and secure number provisioning solution for a telecoms company using web technologies.

Technical Architecture

- Significantly reduced the implementation costs and TCO of hosting through the use of virtualisation and cloud technology within the overall architectural design.
- Reduced the overall estate running and support costs through the implementation of a virtual desktop infrastructure and pull print technologies.
- Designed a technical architecture, accredited to Restricted level, whilst achieving cost savings in excess of £1,500,000 for the hosting of the solution
- Determined the hosting architecture, including negotiating costs, for a highly available geographically diverse platform for the delivery of global web services.
- Reduced the costs of implementing a centralised EDRMS through working with the software supplier to design modifications to their application to improve performance over high latency networks.
- Generated savings in excess of £200,000 on voice calls and around £1,000,000 on network infrastructure costs for a public authority through analysis and design of a cost effective voice and data network;
- Reduced costs for public and private sector organisations using hardware and software consolidation techniques;

Project Management

- Managed the design and implementation of an intelligent call handling solution for a large telecommunications company;
- Management of various network design/redesign/enhancements projects for public and private sector organisations.

Service Management

- Establishing and subsequent negotiation with hosting supplier of service levels for the delivery of global web services
- Design and development of support models, process, procedures and service level agreements for public and private sector organisations including complex multi-vendor environments;
- Successfully designed, developed and implemented a Service Centre for delivering managed services to clients of a pan-European service supplier;

Systems Management

- Implemented cost effective disaster recovery solutions for a number of public sector organisations
- Designed a backup solution for a financial services organisation reducing costs from over £300K to £80K;
- Developed capacity plans for public and private sector organisations;

Information Security

- Designed infrastructures to support online applications to meet a number of security compliance standards including PCI DSS, SSE-CMM (ISO/EC 21827:2002 and the Data Protection Act).
- Defined security requirements and developed a data access policy framework for a local authority;
- Completed security reviews for public and private sector organisations;
- Designed, implemented and administered server and network security systems for a variety of public and private sector organisations.

Key Assignments (2004 – Date)

Consultancy assignments on information security, service management and technical infrastructure including:

- *Defra (Cap Delivery Programme)* The CAP Delivery Programme has been set up to design, procure and implement the solution that will deliver the European Union's new Common Agricultural Policy (CAP). As part of the cross-government initiatives led by the Government Digital Service (GDS) in the Cabinet Office, Defra is redeveloping the high transactional services delivered by the Rural Payments Agency.

Responsible for managing the infrastructure architecture to ensure availability of appropriate technical platforms to support the main application work streams. In addition, responsible for defining the requirements for hosting and inter-site connectivity for Defra delivery bodies allowing them access to the CAP DP solutions. Taking the technical lead in the infrastructure design, G-Cloud procurement and implementation of these services ensuring alignment to the Cabinet office and GDS standards.

Technologies used: VMware vSphere, G-Cloud, Security appliances including Juniper, virtual firewalls (pfSense), RSA two-factor authentication, OSSEC HIDS, NetIQ, Oracle 12c, SQL Server, MS Dynamics, Business Objects, Infomatica, SAS Analytics, Open source (e.g. Mingle, Puppet, TeamCity etc.)

- *Serious Organised Crime Agency (now National Crime Agency)*. The client was undergoing a large modernisation programme involving establishing new data centres, modernisation of legacy applications, desktop virtualisation, VOIP, meeting room video conferencing and implementing collaboration facilities for working with partners. Working within the CTO as the CTO for Infrastructure services, responsible for working with Enterprise Architects in establishing an Enterprise Architecture and ICT strategy to support the business throughout the UK. Responsible for defining the technical architecture and establishing the appropriate secure data centre hosting infrastructures, accredited from RESTRICTED through to SECRET, to support client applications and operations. In addition to being responsible for hosting specifically, the TDA role is across the whole of modernisation and is responsible for ensuring that Technical Architects within the programme understand and adhere to the hosting standards to meet security requirements. Responsible for establishing and leading the Technical Authority for the Modernisation programme.

Technologies used: VMware vSphere, CISCO Routers, switches, Infoblox IPAM appliances, BigIP F5 Load balancers, Security appliances including Cisco, McAfee Sidewinder and Juniper firewalls, QinetiQ Sybard multi-protocol gateways and Raytheon Trusted Gateway Services, Bluecoat packet shapers, Bluecoat SG proxy, OSSEC HIDS, Teir-3 Huntsman, Citrix, Oracle VDI, Symantec ESM, IBM and Hitachi Data Systems storage solutions (SAN, NAS, Archive), Symantec NetBackup Appliances, PKI, Servers and desktops (SUN, IBM and HP), Oracle 10, 11g and SQL Server

- *Ministry of Justice (Formally Department for Constitutional Affairs)*. Working within the Design Authority group in establishing an Enterprise Architecture to support applications used at Crown, County and Magistrate courts throughout the UK. As the Technical Design Authority, responsible for defining the architecture and establishing a secure network infrastructure accredited to restricted level, including working with sub-contractors and security consultants to gain accreditation.

Technologies used: VMware vSphere, CISCO Routers, switches, Security appliances including Checkpoint Firewall-1, Cisco Firewall Service Modules and McAfee Sidewinder firewalls, Bluecoat SG Proxy, Citrix, EMC storage solutions (SAN, NAS, Archive), EMC Virtual Tape Libraries, Symantec NetBackup Appliances, PKI, Servers and desktops (SUN, IBM and HP), Oracle 10, Oracle Application Server, Weblogic

- *Ministry of Justice (Formally Department for Constitutional Affairs)*. Responsible for designing and implementing an updated and secure infrastructure to support Authority online applications such as Money Claims Online (MCOL) and Possession Claims Online (PCOL). Responsible for ensuring the infrastructure and applications were compliant with PCI DSS standards in addition to working with sub-contractors and security consultants to gain accreditation.

Technologies used: VMware vSphere, CISCO Routers, switches, BigIP F5 Load balancers, Security appliances including Barracuda NG, and Juniper firewalls, Bluecoat SG Proxy, Citrix, EMC storage solutions (SAN, NAS, Archive), Symantec NetBackup Appliances, PKI, Servers and desktops (SUN, IBM and HP)

- *The Foreign and Commonwealth Office*. Responsible for establishing a technical design for the FCO's next generation of Web services and defining the hosting requirements to meet their requirements. Working with the bid teams in preparation of the response to an RFP and then in establishing costs for BAFO. Responsible for the identification, negotiations with, and subsequent selection of hosting suppliers. Following contract award, working with the Technical Architect in implementation of the initial environments to allow development to begin.

- *Department for International Development*. Responsible for the design and implementation of a highly available architecture to support OpenText's (originally Valid Information Systems) R/KYV v9.1 EDRMS and Stellant Web Content Management Systems. Also responsible for establishing a disaster recovery strategy for the department. Managed the SDLC including LogicaCMG and DfID development and technical staff for the development and implement of integrations between existing DfID business systems and in establishing a development framework for the future. In addition, worked with a number of departments to give advice and guidance in a variety of technical and business matters.

Technologies used: VMware vSphere, CISCO Routers, switches, Cisco CSS Load Balancing, Security appliances including Cisco firewalls and Barron McCann Xcryptor, Bluecoat SG Proxy, HP SAN storage solutions, Symantec NetBackup, Servers and desktops (HP and Dell), Oracle 9i, SQL Server

- *HM Customs & Excise*. A preliminary ITT was issued by HM Customs and Excise for a Lorry Road Usage Charging scheme. With the exception of road usage and enforcement data collection, and the processing of that data prior to making it available to the CSS, all core processes were within the remit of Central Services. Responsible for establishing a technical design for the CSS within the response. In addition, was responsible for ensuring suppliers of road usage and enforcement data collection integrated with the CSS thereby allowing management reporting and enforcement functions to be performed by HMCE personnel with access to the CSS. HMCE ultimately withdrew the invitation to tender.
- *The IT Group*. Responsible for determining the technical direction for the business and day to day management of technical departments. Designed and implemented a secure production environment for the delivery of a variety of multi-tier web based services. Also responsible for establishing a service management framework for the delivery of these services.

Technologies used: CISCO Routers, switches, Cisco CSS Load Balancing, GNATBox firewalls, IBM SAN storage and backup solutions, HP Servers and desktops, Oracle 9i

Career

2013 - Date	Defra (CAP Delivery Programme)	Infrastructure Architect	Responsible for defining the requirements for hosting and inter-site connectivity for Defra delivery bodies allowing them access to the CAP DP solutions. Taking the technical lead in the infrastructure design and G-Cloud procurement of these services ensuring alignment to the Cabinet office and GDS standards.
2004 - 2013	Logica (now part of CGI)	Senior Technical Architect	Working with Public Sector clients to define and implement technical solutions covering a range of business areas including EDRMS, WCM, Case management, Collaboration, and Virtualisation.
2004	The IT Group	CTO (Contract)	Determining technical direction for the business and day-to-day management of technical departments
1997 – 2003	CIBER UK Ltd (formally ECsoft plc)	Senior Consultant	Part of an international IT services company delivering a broad range of consulting, applications development and systems integration services. Undertaken a diverse range of assignments to both public and private sector clients.
1997	Iridium LLC	Data Centre Architect (Contract)	Designed a secure network infrastructure and commercial services environment with resilience and security. Managed the build-out of a Data Centre to supply a secure, 24 x 7 operational facility for all commercial and development systems to be used in North America.
1996-1997	Preferred Health Systems LLC	Director of Systems Architecture (Contract)	Designed and implemented a secure network infrastructure and commercial services environment. Managed the creation of procedures and policies for the testing, operation and maintenance of corporate and commercial systems prior to roll-out of a bespoke healthcare system.
1978-1996	Various	Various	Held a variety of roles including Production Director, Managing Director, Computer & Distribution Manager, Consultant, Systems Division Manager and Operations Manager

Business Experience Summary

GOVERNMENT:	G-Cloud, Government Digital Services (GDS), e-Government initiatives, CRM, EDRMS, WCM, Infrastructure and Data Centre Design, Information Security, Performance and capacity analysis
FINANCE:	Mid-office systems (retail banking, unit trust accounts), Payment systems (Government), Oil & petrochemical market information.
RETAIL:	Information Security, Service management, CRM
TELECOMMUNICATIONS:	Information Security, Service management, CRM, Voice & data networking
INDUSTRY:	Information Security, Service management, CRM, IT & Internet, Performance and capacity analysis
KEY ROLES:	Technical Design Authority, Data Centre Architect, Solution Architect, Technical Architect, Infrastructure Architect, Information Security, Service Management, Systems Management, Consultant, Presales Consultant, Project Manager

Key Technical skills and Accreditations

SECURITY:	Cisco, Checkpoint Firewall-1, GNATBox, Symantec ESM, Juniper Gateways, Evidian Access Master, Cryptography (PKI, SSL, RSA, SHA1, MD5)
IDENTITY SYSTEMS:	GDS Id&A, Public Sector Internal Identity Federation (PSIIF), Government Gateway, Oracle Identity Management, Active Directory Federation Services
HARDWARE:	Servers: Sun, HP, IBM, Dell Storage: EMC (Incl. VTL), Hitachi, IBM, HP, Symantec NetBackup Appliances Networking: Cisco (Switches, Routers and Firewalls), Bluecoat, BigIP, Infoblox
OPERATING SYSTEMS	All Microsoft operating systems, Novell NetWare, Some UNIX (Solaris and Linux), Active Directory, LDAP
VIRTUALISATION:	VMWare, Citrix (XenApp), Oracle VDI, Microsoft Hyper-V
RDBMS:	Oracle, SQL Server
APPLICATIONS:	EDRMS, WCM, CRM, IIS, Case Management
DEVELOPMENT:	PL/SQL, Transact SQL, HTML, XML, ASP, some Java
METHODOLOGIES & FRAMEWORKS:	Experience in PRINCE2, ITIL, TOGAF, COBIT, SOA, SSADM and Agile
ACCREDITATIONS:	CompTIA - Security + Microsoft - Certified Systems Engineer (MCSE – Charter Member) Certified Solutions Developer (MCSO – Charter Member) TickIT - TickIT auditors' training requirements

Personal Information

Education

Bsc (Hons) Chemistry and Business Studies (2:1)

Security Clearance: SC+

Professional Memberships: Fellow of the Institute of Analysts & Programmers (FIAP)
Fellow of the Institute for the Management of Information Systems (FIMIS)
Member of the Chartered Management Institute (MCMI)
Member of the British Computer Society (MBCS)

Interests: Playing rugby (now as a veteran), Travel, Trekking, Photography, Theatre, Cinema and Reading

Date of Birth: January 1955