

Marek Isalski @ fælix limited

Network and database systems
security consultant and availability architect
based in South Manchester

British Citizen; UK Passport; Full/Clean UK Driving Licence

Highly Resilient Networks

I have built and maintain highly-available, resilient network systems for a number of “autonomous systems” including Internet Service Provider backbones. This includes switching infrastructure, routing protocols, security appliance deployments and load-balanced clusters.

My clients include networks that have gone on to be National Security Inspectorate approved, Loss Prevention Certification Board approved (e.g. LPS.1277 by BRE/LPCB for compliance with Grade 4), and networks connected to the Criminal Justice Secure Mail system, and the Police National Network.

I have several years’ experience dealing with third-party telecoms and network providers, agreeing and managing connectivity contracts, installations and maintenance. This includes several years’ experience working with a large variety of different vendors’ network hardware (Cisco, ProCurve, Juniper, et cetera).

Software and Database Architecture

I am highly experienced at database design and administration/management on a variety of platforms (Unix, Linux, Windows). I have written, built and deployed systems which for several years have been handling “restricted” information for police-approved alarm installers. This includes signalling traffic for Alarm Receiving Centres, and systems handling temporary alarm installation orders from many of the UK’s Police forces.

I have designed, built and maintained large database systems, e.g. for NHS organisations handling significant volumes of data on Oracle, Microsoft SQL Server, MySQL, PostGreSQL, et cetera.

Systems Administration

I maintain and support over 100 servers on behalf of numerous organisations varying from small private companies, charities, NGOs, NHS bodies, and security-focussed companies. These vary from small web servers to significant file/email servers with many highly-bespoke systems in between. I am highly experienced at all levels of Unix/Linux stack: application servers, firewalls, network infrastructure, down to hardware specification for procurement.

Education

Computer Science Tripos, University of Cambridge

PRINCE2 Foundation, ITIL Green Badge, others

Availability

I provide several clients in the security sector with second/third-line technical consultancy support. This is usually done on a retainer basis. All my work is done through my company, Faelix Limited.

I am comfortable working within challenging environments where customer demands are high and elegant, workable solutions must be delivered on time and within budget.