



Bedfordshire & Luton Fire & Rescue Service

– Network Infrastructure

When Bedford and Luton Fire and Rescue Service (BLFRS) had an urgent requirement to provide a temporary Combined Operations Command and Control Centre in 2002, Polar Computer Communications was asked to design, procure, deploy and test an ISDN based network infrastructure in less than a week.

Since 2002, Polar has designed, deployed, managed and maintained multiple network services on behalf of BLFRS including;

- Wireless Fire Appliance Devices
- Certificate Based Wireless
- Cost Effective DSL VPN
- E-Fire VPN Implementation
- Network Consultancy, Design & Support Services
- Contingency Operations

As the ICT demands of a modern Fire and Rescue Service increase, more complex secure solutions are required to deliver cost-effective and low-maintenance technologies, which are simple for ICT users to operate.

Certificate Based Wireless

Polar designed and deployed an infrastructure capable of automatically enrolling Appliance based Mobile Data Terminals (MDT) and Laptops with private x509v3 based digital certificates, using strong encryption and authentication to assure a high level of data privacy.

The Microsoft Certificate Authority and Enrolment system allows authorised users to connect to the wireless network infrastructure with the utmost simplicity, and allows for simple credential revocation in the event that an MDT or laptop is lost or stolen.



Cost Effective Broadband Virtual Private Network (VPN)

- In order to reduce costs at retained and part-time sites, Polar designed, deployed, fully manage and maintain a DSL based VPN, which operates as the primary data network for seven stations and one drop-in centre.
- The network is monitored and a hour incident response SLA is guaranteed 24x7.
- In the first two and a half years of service (to June 2009), Polar has achieved a 100% SLA.

About Bedfordshire & Luton Fire & Rescue Service

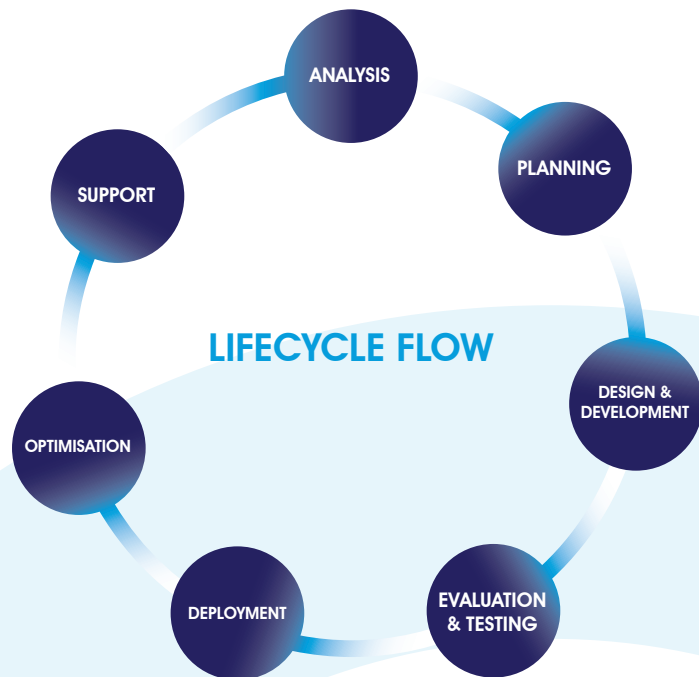
To protect the communities and respond to emergency calls, Bedfordshire and Luton Fire and Rescue Service have 14 strategically positioned Fire Stations and an Emergency Communication Centre covering an area of approximately 123,153 hectares and a growing population estimated at 576,800. In addition to the large and diverse community risks, they also face a number of special risks including London Luton Airport, the M1 and A1 motorways, one of the busiest commuter rail links in the country, large industrial sites and warehouses, countywide rivers during spate flooding conditions and a significant stock of heritage buildings and environmental sites of special interest.

About Polar

Polar engineers have built some of the most complex and reliable networks in the world including ultra high availability and carrier scale networks, providing professional network services to a diverse and demanding client base. Polar aims to provide a superior level of customer satisfaction and service with highly skilled, industry certified engineers and support staff, enabling your business the ability to get the most out of your network services, leaving you to focus on your primary business functions.

Polar network services:

- Audit & Analysis
- Procurement
- Design & Development
- Proof of Concept Testing
- Implementation
- Security
- Support Services
- Managed Services



Contact

More information is available at www.polar-cc.com

For more information about Polar's Wireless LAN services, including assessment, hardware installation and accreditation, please email solutions@polar-cc.com or call on **08000 567 740**.