

# Network Management

**SourceSmart<sup>TM</sup>**

Efficient, Connected Networks and Data Centres

**Managed**

## SOURCE Network Management

### The SMART Way

- ✓ SDWAN / WAN / LAN services comprehensively designed to create and maintain critical data networks
- ✓ Various functionalities in the field of network managed services and network security selected according to the needs and requirements of the customer
- ✓ The main aim is to relieve the customer of any activities related to the management and administration of data networks
- ✓ Network management services are provided either on-site or remotely from a Source network operations centre

### Scope

- ✓ Technical Analysis and audits that involve inventory and review of existing networking solutions in terms of their effectiveness
- ✓ Implementation of high-quality network solutions
- ✓ Advice on the selection of appropriate product solutions
- ✓ Developing architecture that provides secure communication within the company
- ✓ Designing and creating network solutions  
LAN/WAN/WLAN/VPN/MPLS
- ✓ Installation and configuration of network devices
- ✓ IT networks management and monitoring services
- ✓ Equipment maintenance and ICT systems maintenance services

### Ideal for:

- ✓ LAN - designed networks with a coverage over single office buildings or office or university campuses
- ✓ SD/WAN - designed networks with a coverage over customer's geographically dispersed locations / branches
- ✓ WiFi network – a comprehensive service of initiating Wi-Fi wireless data networks in locations indicated by the customer
- ✓ Satellite data transmission – networks designed by us cover also locations with no other terrestrial communications.

Call:

**0800 8600 324**

Mail:

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## NETWORK AUDIT Scope of Works (Typical)

- ✓ Hardware Audit
  - ✓ Here our Network Team (CCIE) will focus on physical hardware and deployed software levels, checking interface connectivity, identify errors, and the hardware capacity of the network
- ✓ Layer 2 Audit:
  - ✓ Specific investigation at layer 2 protocols, such as spanning tree, and vlan trunking protocol, in order to assess the if network functions correctly at this layer
- ✓ Layer 3 Audit:
  - ✓ Detailed investigation of layer 3 protocols, such as OSPF and BGP in determine if they have been correctly configured and are operating optimally
- ✓ Security Audit:
  - ✓ Focussed investigation on the security of the network, and look for compromises in integrity, and weak point of entry
- ✓ Performance Audit:
  - ✓ The overall capacity of the network, and whether it is performing to the expected level
- ✓ Issue Resolution:
  - ✓ Should the customer be suffering from specific issues, here we focus on determining the root cause of these symptoms
- ✓ Implementation:
  - ✓ Reconfigurations/work required to stabilise network (it is understood that any service affecting work should be undertaken out of office hours in co-ordination with Positive Internet)

## NETWORK AUDIT Deliverables

A detailed report is presented to the Customer upon completion of the Network Audit including:

- ✓ Network topology diagram
- ✓ Technical briefing describing the network design and operation
- ✓ Hardware issues identified
- ✓ Security issues identified
- ✓ Topology and design issues identified
- ✓ Technical briefing discussing specific issues
- ✓ Recommendations



## NETWORK MANAGEMENT

- ✓ Maintenance of network documentation
- ✓ Remote monitoring and alerting
- ✓ Configuration backups
- ✓ Network escalation point
- ✓ Choice of fixed hours consultancy per month
- ✓ Preferential rates for additional consultancy
- ✓ Monthly client report
- ✓ Presales consultancy



## About SOURCE

SOURCE is a multi-award winning data centre, network and Internet service provider delivering real value to organisations that rely on high-availability IT infrastructure.

Headquartered in Redhill, just 30 minutes from Central London (UK) the SOURCE team provide access to the World's leading data centres and networks, supported by 24/7 managed services.

We are accredited partners and service providers of Digital Realty, CenturyLink, Virgin Media, Cisco, Meraki, amongst others.

Our Customers include globally recognised brands such as LexisNexis, Reed Elsevier and Incisive Media together with industry leading organisations, such as Canonical, the commercial enterprise behind the "Ubuntu" operating system.



ubuntu®

*"Source provides us with always on data centres and network services, delivering us the security and cost clarity we need for our Global Service delivery"*

