

UK Only

Photo:



Telecommunications; Mobile/Wireless; Due Diligence; Intellectual Property Infringement/Piracy; Engineering/Telecommunications; Information Technology; Patents; Tests/Experiments

Alan Spencer (UK Chartered Engineer)

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Over 40 years in the telecommunications industry with experience of fixed lines, mobiles, numbering, number portability, IP Telephony, VoIP, WiFi, transmission networks (SDH, MPLS, etc.), IP networking for voice/video, Microsoft Lync services, tariffs (including rental and call costs), PBXs and carrier switches.

Is an Expert witness that has been engaged on civil and criminal cases and investigations since 1999. Some of the cases are listed below:

- Patent Infringement involving a connector.
- Equipment Fit For Purpose involving claims on a data sheet.
- Damaged Equipment (over £1,000,000 of damage) assessing blame.
- Number Portability infringement.
- Telephone Billing fraud
- Call Fraud involving non-geographic numbers.
- Ofcom Regulations breach.
- Mobile Calls and alternative methods of avoiding high costs.

Also works as Telecommunications Consultant and has been engaged in the following high-profile projects:

- Led the team as Project Leader in ETSI that standardised the technical requirements for Euro ISDN.
- Contributed to the standardisation of VoIP (QoS, MOS, Packet Loss, Delay and Jitter) as part of the UK Ofcom committee on quality of service.
- Suggested a new telephone numbering scheme for fixed line, mobile and IPT for the Seychelles that was accepted by the Seychelles Government and the Indian Ocean Commission.
- Set up from scratch and managed the Voice and Switching Department for Sky Network services.
- Arbitrated on behalf of the UNHCR and recommended the award of a worldwide network contract to one of six vendors.

- Worked with Ofcom and BT so that a start-up company could become a public Telephone Operator and offer unified communication services and have interconnect with BT.
- Engaged by the European Commission to lead telecommunication's harmonisation projects in the Czech Republic and Cyprus.

Has experience in working for the following industry types: Finance and Insurance; ISPs, Telecom Operators (Fixed Line and Mobile); Oil, Gas and Process; Consultancies; UK, European and Overseas Government Departments; United Nations; International, European and UK Standards Bodies; and Sports and Leisure Industry. Is a fully qualified Chartered Engineer and is a full Member of Learning and Performance Institute (MLPI).

Expert topics:

WANs; LANs (and VLANs); IP Networks and Addressing, Ethernet and MPLS Networks; Transmission (SDH/WDM); Telecom Networks (VoIP/IPT); Network Infrastructure; Call/Contact Centres; Unified Communications; Next-Generation Networks (NGNs); Fixed/Mobile Convergence (FMC); PBXs; Local Exchanges; MSANs; SBCs; Routers; Switches; Broadband Networks and Signalling Protocols