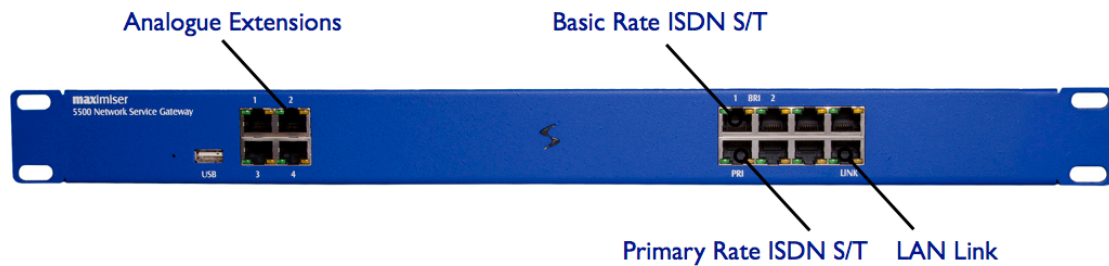# 5500 Network Service Gateway

SpliceCom's 5500 Network Service Gateway provides full remote site survivability for up to 250 users in the event of primary IP trunk failure to centralised S8000 and 5100 based Call Server systems. Also provides local call breakout across ISDN BRI, PRI and/or SIP trunks and connectivity of legacy DPNSS systems and services, alongside support for analogue telephones and fax machines.

Operating in Secondary Mode and and delivering the full 5100 feature set, deployment of the 5500 Network Service Gateway negates the need for a Call Server on each site in multisite **max**imiser systems. This reduces costs whilst still providing all of the associated Call Server benefits; on-site call switching, local call breakout to ISDN or SIP Services and total, fully featured, site survivability in the event of the main IP trunk failure to the central **max**imiser IP-PBX.

The 5500 Network Service Gateway supports a maximum of 34 trunks, which can be a mix of IP and ISDN. G.729 Voice Compression (8 kbps) can also be enabled on the primary IP trunk(s) via the addition of optional licences. This allows a higher density of telephone calls to be transported across the link(s) between sites.

In addition to supporting IP Phones, up to four analogue devices - phones, fax machines, modems, etc. - can be connected directly to the 5500 Network Service Gateway. Where required, more analogue phones can be supported through the addition of SpliceCom's 5315 or 5330 Phone Modules, supporting up to 15 and 30 devices respectively. Existing analogue phones connected in this manner can be further energised, by using them in conjunction with SpilceCom's Navigate or PCS 60 Phone Partner applications. These personal productivity tools for Windows and Apple laptops allow analogue users access to all of the system feature benefits associated with SpliceCom's range of PCS IP Phones.

SpliceCom's 5500 Network Service Gateway, delivers operational peace of mind and increases efficiency, whilst simultaneously reducing costs in multi-site networks and service provider infrastructures.

Technical Information

Basic Rate ISDN S/T
The 5500 Network Service Gateway provides 2 x BRIs Basic Rate ISDN (BRI) interfaces, (4 trunk lines) via 2 x RJ45 ETSI S/T interfaces. CTR3 compliant for Pan European Connection.

Primary Rate ISDN S/T
The 5500 Network Service Gateway provides 1 x Primary Rate ISDN circuit (30 trunk lines) via 1 x RJ45 ETSI S/T interface. CTR4 compliant for Pan European Connection.

LAN LINK
The 5500 Network Service Gateway provides 1 x RJ45 Full Duplex Ethernet interface with integral LEDs reflecting connectivity (Link) and activity (Data). Provides Ethernet network (10/100 Mbps) connectivity back to SpliceCom's S8000 and 5100 Call Servers via existing LAN infrastructure, or dedicated LAN switches.

Analogue Extensions
The 5500 Network Service Gateway provides 4 x RJ45 sockets with integrated LEDs for ringing and off-hook, supporting the connection of standard analogue (POTS) telephones, fax machines and modems

Power
Primary 48Vdc. Power Supply Unit (PSU), CE Safety Approved. Supplied as standard.

Dimensions
486.80mm (w) x 224.00mm (d) x 42.23mm (h)

Weight
3.40Kg

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SpliceCom
Britain's leading developer of telephone systems