



## Maximiser OS Platforms



**SpliceCom**

Britain's leading developer of telephone systems

Provided By:

**Octagon**  
communications

## SpliceCom Systems

The wide range of unique, field proven business telephony solutions available from SpliceCom allows you to put together a fully integrated system to meet your needs – both now and in the future. For smaller businesses there's the S716 soft/virtual PBX or 5108 hard PBX consider. If you're a larger organisation there's the S8000 soft/virtual PBX family or 5100 Hard PBX to choose from at the core, be that on your premise, in the cloud, or hosted. And for those with more than one-site there's our extensive portfolio of Flexible Edge Solutions (FES) for your other offices; 5108 or 5100 Hard PBXs, S8000 Soft PBXs and the 5500 Network Service Gateway can all be mixed and matched as required and networked back to the core to provide a single seamless and totally resilient system. Finally, there's even the ability to make legacy PBXs and analogue phones an integral part of your SpliceCom system through the deployment of trunk and phone gateways.



Amongst the many benefits that SpliceCom systems bring businesses of all sizes are;

- A future proofed design which will grow with your business needs – in terms of both capacity and sophistication
- A wide choice of soft/virtual PBXs, to fit in with your existing IT policies, in addition to hard PBXs and gateways.
- Choice of on-premise, cloud/hosted or hybrid deployment options
- Support for IP handsets, mobile phones and existing analogue phones
- A range of mobility solutions that allows you to utilise existing smart phones, tablets, laptops and home telephones as fully featured extensions on your system.
- A flexible fully integrated Voice Processing system offering;
  - Voicemail
  - Unified Messaging
  - Auto Attendant
  - IVR
  - Call Recording
  - Meet Me Conferencing
  - In-queue Announcements
- Support for SIP and ISDN trunks
- Integration with web based content and applications, alongside Microsoft Windows/Outlook and Apple Mac OS X.

To complete the overall solution, SpliceCom's Vision Business Management suite offers a modular, web-based range of value added apps. Developed by SpliceCom to deliver business critical information to directors, managers and key employees, exactly when and where it's needed, these apps include;

- Historical Reports (Vision Reports) with the option of integrated Call Recording (Vision Record)
- Real-time Wallboards and Dashboards (Vision Live)
- Inbound Call Centre (Vision Call Centre)

## Soft & Virtual PBXs

### S716 Small Soft PBX

Based on the field proven Maximiser v3.3 OS utilised across all SpliceCom systems, the S716 is **THE** Soft PBX for smaller, single-site businesses and comes supplied with an initial 5 User Starter Pack supporting 2 SIP trunks. The S716 scales all the way up to 16 users and delivers all the superb features and future proofing you've come to expect from SpliceCom telephony solutions.

Alongside SpliceCom's advanced business telephony features and wide choice of PCS IP handsets and softphones for PCs, Macs, Smart Phones and Tablets, you'll find the option of ISDN BRI or PRI modules for legacy trunk connectivity and a simple, pain-free migration path to SpliceCom's larger S8000 Soft PBXs.

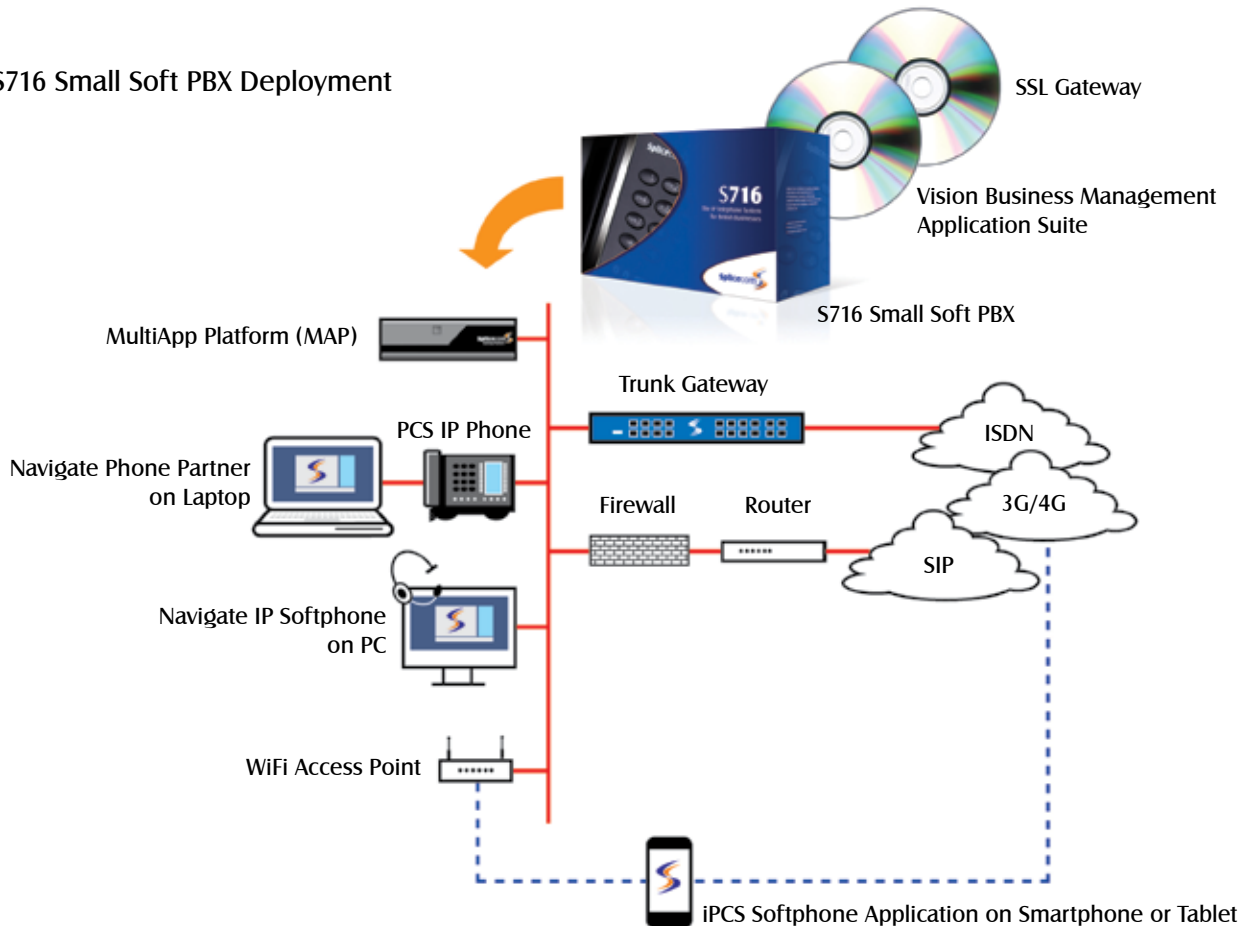
To maximise the true business benefits of the S716 Soft PBX, there's a Small Vision Reports Pack, delivering the highest level of Business Management Reporting with optional Encrypted Call Recording and/or Real-Time Wall Boards and Dashboards.

The S716 also comes supplied with two iPCS licences for SpliceCom's latest IP Softphone app for Apple/Android Smartphones and Tablets. Turning these popular devices into fully featured system phones and operating over WiFi, broadband and 3G/4G services, iPCS is the biggest advance in mobility solutions since the introduction of DECT.

SpliceCom's S716 Soft PBX, Small Vision Business Management Suite and iPCS Gateway can all run on the same Linux PC/Server or Virtual Machine, minimising your cost of entry, whilst delivering unmatched levels of system integration with all the associated business benefits.

- Soft PBX, running Maximiser OS to redefine customer choice for smaller businesses
- Single-site solution, supporting up to 16 users
- Runs natively on Linux platforms
  - SUSE
  - CentOS
- Runs in Virtual environments
  - VMware
  - Microsoft Hyper-V Server
- Easy and affordable upgrade path for investment protection

### S716 Small Soft PBX Deployment



## S8000 Soft PBX

Soft PBX family with four variants supporting 8 to 1,000 users, delivering all the familiar, award-winning Maximiser features. Offering businesses unrivalled choice in terms of deployment, management and use, all S8000 Soft PBX systems can be easily upgraded and expanded, providing outstanding investment protection.

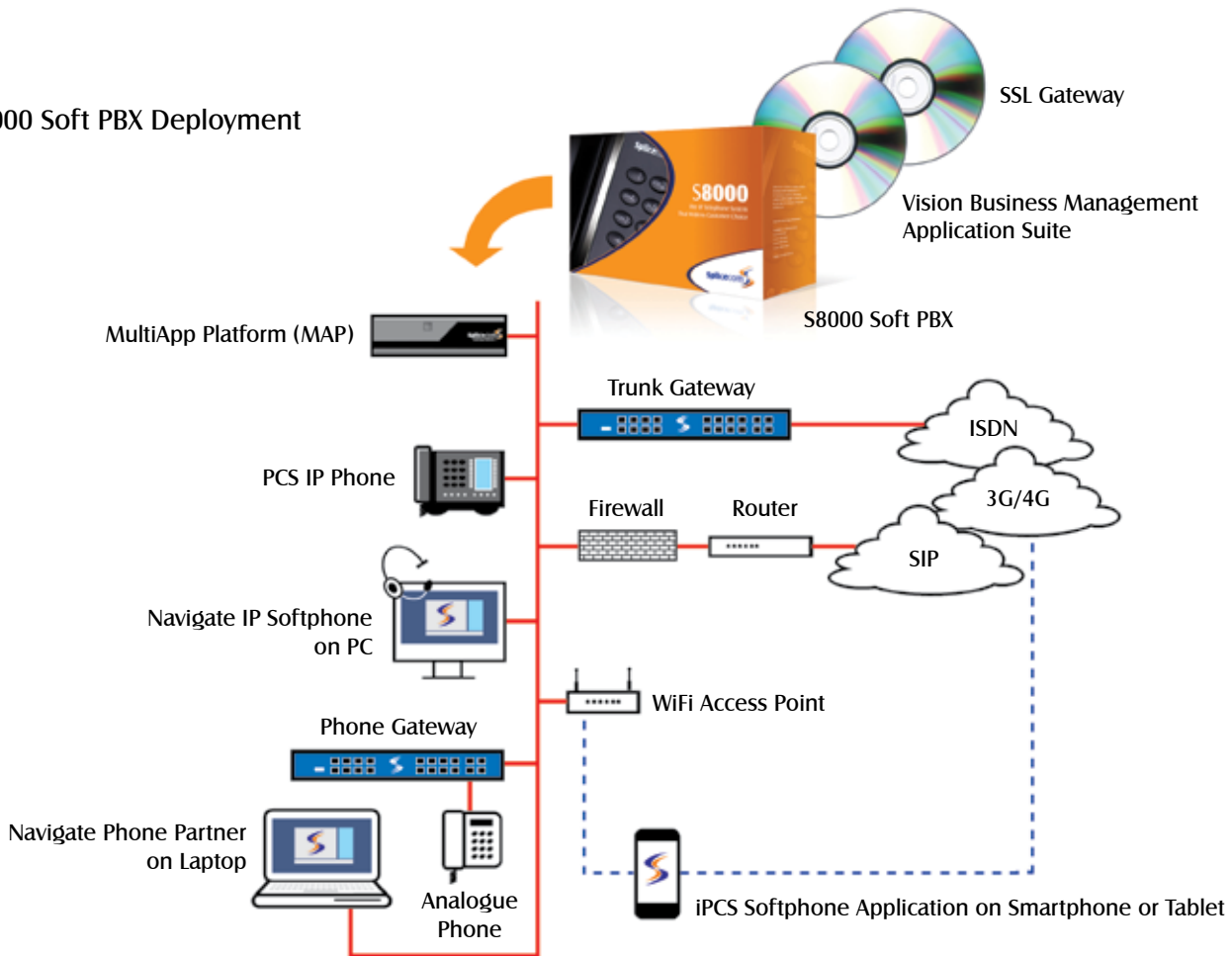
The S8000 also comes supplied with two iPCS licences for SpliceCom's latest IP Softphone app for Apple/Android Smartphones and Tablets. Turning these popular devices into fully featured system phones and operating over WiFi, broadband and 3G/4G services, iPCS is the biggest advance in mobility solutions since the introduction of DECT.



SpliceCom's S8000 Soft PBX, Vision Business Management Suite and iPCS Gateway can all run on the same Linux PC/Server or Virtual Machine, minimising your cost of entry, whilst delivering unmatched levels of system integration with all the associated business benefits.

- Maximiser OS Soft PBX family, for mid-sized and larger businesses
- Four variants supporting 8 to 1,000 users
- Runs natively on SUSE and CentOS Linux platforms
- Runs in VMware and Microsoft Hyper-V Server Virtual environments
- Easy and affordable upgrade path for unrivalled investment protection

## S8000 Soft PBX Deployment



## Widening Customer Choice

To simplify installation, management and on-going support further still, your S716 or S8000 IP PBX can be supplied pre-loaded on SpliceCom's own MultiApp Platform (MAP), giving you great peace of mind. You can also save costs by running SpliceCom's Vision Business Management Suite and SSL Gateway for secure remote connectivity, simultaneously on the same MAP. Alternatively, you run SpliceCom's Soft PBX family on your own PCs or Servers as a native Linux application, or as a virtualised app to fit in seamlessly with your existing VMware or Microsoft Hyper-V computing environment. The choice is entirely yours.



## Hard PBXs

### 5108 Small Call Server

The 5108 is SpliceCom's entry-level Call Server, meeting the standalone telephony needs of smaller businesses and extending the cost-effective reach of Maximiser OS based Flexible Edge Solutions down to the smaller offices of larger organisations.

- Hard PBX for smaller business or remote sites of larger organisations
- Standalone or networked deployment
- Supports up to 8 Users (12 with further licences)
- 8 Trunks, mixture of ISDN2/SIP
- 4 Analogue ports
- 4 PoE Ports
- LAN Link Port
- Door Relay Port and Trigger Input Ports
- Embedded Voice Processing



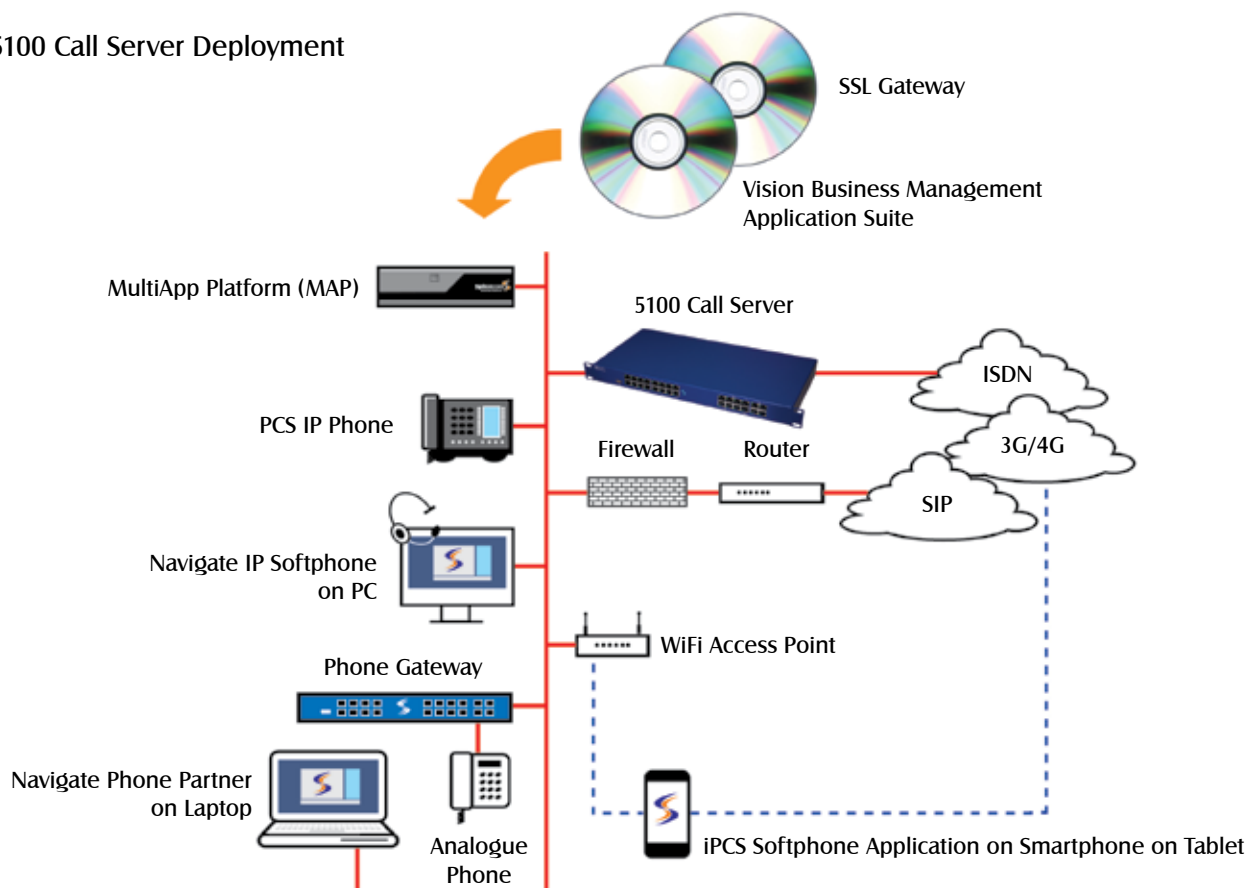
### 5100 Call Server

From small to large, from single site to multi-site, from simple dial-tone requirements to sophisticated Unified Communications and web-based IT application convergence, the 5100 hard PBX allows customers to "mould" their SpliceCom system into what ever they want it to deliver for their particular business.

- Hard PBX supporting up to 500 Users
- Standalone or networked deployment
- 68 Trunks, mixture of SIP/ISDN2/30/DPNSS
- 8 Analogue ports (can be expanded to 16 through further licences)
- USB for WiFi connectivity
- 4 PoE Ports
- LAN Link Port
- 2 Door Relay and Trigger Input Ports
- Embedded Voice Processing



### 5100 Call Server Deployment



## Gateways

### 5204 Trunk Module

SpliceCom's 5204 Trunk Module delivers ISDN connectivity for S716/S8000 Soft PBX based systems and physical expansion for 5100 Call Servers. Developed in-house by SpliceCom to operate as an integral component for Maximiser based systems, the 5204 Trunk Module, delivers guaranteed interoperability when used with SpliceCom's Soft PBX systems.

SpliceCom's unique distributed system architecture allows the 5204 Trunk Module to connect to the Soft PBX server across the LAN network, allowing the Trunk Module to be positioned near to the ISDN Network Termination Unit (NTU) in scenarios where this might not be in the same area as the Soft PBX.

- Provides connectivity for 1 or 2 Basic Rate ISDN service(s) (2 - 4 trunk channels)
- Can be deployed with S716/S8000 Soft PBX and 5100 Call Server solutions
- Ethernet port for LAN deployment
- Supplied with single ISDN BRI activated (2 trunk channels)
- Second ISDN BRI can be activated through Universal Trunk Licence keys

### 5230 Trunk Module

SpliceCom's 5230 Trunk Module delivers Primary Rate ISDN/legacy DPNSS connectivity for S716/S8000 Soft PBX based systems. Developed in-house by SpliceCom, the 5230 Trunk Module delivers guaranteed interoperability when used with Maximiser OS based Soft PBX systems.

SpliceCom's unique distributed system architecture allows the 5230 Trunk Modules to connect to the Soft PBX server across the LAN network, allowing the Trunk Module to be positioned near to the ISDN Network Termination Unit (NTU) in scenarios where this might not be in the same area as the Soft PBX.

- Provides connectivity for Single Primary Rate ISDN Service (8 - 30 trunk channels)
- Can be deployed with S716 or S8000 Soft PBX solutions
- Ethernet port for LAN deployment
- Supplied with 8 ISDN PRI trunk channels activated
- Can be expanded up to 30 ISDN PRI trunk channels through the addition of Universal Trunk Licence key(s) – in single channel steps
- Also supports DPNSS for legacy PBX/service connectivity

### 5315 & 5330 Phone Modules

Provides connectivity for up to 15 or 30 analogue telephones, modems or fax machines respectively. Connectivity between the SpliceCom Soft PBX/5100 Call Server is via the LAN network, allowing Phone Modules to be located anywhere an Ethernet socket exists. Additionally, the provision of four further LAN ports, supporting Power over Ethernet (PoE), allows the distribution of local IP Phones.

- Provides connectivity for up to 15 or 30 analogue phones/devices
- Can be deployed with S8000 Soft PBX and 5100 Call Server solutions
- Ethernet port for LAN deployment
- Failover to alternate S8000/5100 Call Server (if deployed)
- 4 x PoE LAN Ports for local IP Phone connectivity
- USB for WiFi connectivity



## 5500 Network Service Gateway

Delivers full functionality remote site survivability in the event of primary IP link failure between sites for Maximiser S8000 Soft PBX and 5100 Call Server systems, offering local ISDN PRI/BRI or SIP breakout. Also provides connectivity for legacy services and devices for Maximiser S8000 Soft PBXs.



- One module - multiple deployment scenarios
  - Delivers remote site survivability for S8000 Soft PBX and 5100 Call Server solutions
  - Legacy analogue extension and/or ISDN/DPNSS trunk gateway for S8000 Soft PBX
- Can be deployed with S8000 Soft PBX and 5100 Call Server solutions
- Supports to 250 Users
- Network Capacity – 200 Modules/Gateways
- 34 Trunks, mixture of SIP/ISDN2/ISDN30/DPNSS
- 4 Analogue ports
- USB for WiFi connectivity
- Ethernet port for LAN deployment
- Embedded Voice Processing

## System Management

Maximiser OS's scalable, distributed architecture allows every SpliceCom system to be managed and administered from anywhere, via a single, platform independent, web-based management interface, regardless of the number of sites or whereabouts of employees dispersed around your business. There's no requirement for expensive management apps or dedicated hardware, because all the system information is held in a single database that's replicated across all Soft PBXs, Call Servers and Network Service Gateways. It's this distributed database that provides inherent system resilience, with IP Phones, Phone Modules and Trunk Modules being able to fail-over to a secondary Soft PBX or Call Server in the event of the link to the primary failing.

## Manager Assist

Specifically developed by SpliceCom, in direct consultation with those responsible for administration of their systems on a daily basis - system managers and reseller engineers – Manager Assist provides a set of tools to simplify the configuration and every day management of SpliceCom's wide range of Soft, Hard and Virtual PBXs further still.

Manager Assist is a further example of SpliceCom's "ease-of-management" commitment, delivering System Wizards, Configuration Aids, System Checks and Utilities, Command Line Scripts and FAQs via a unified front-end menu as an integral part of the web based system manager.



## System Scalability

All SpliceCom systems are simple to put together – be they a Soft PBX running on an industry standard PC or Server, on a virtual server, or as a traditional hard PBX. Adding users, trunks and value added telephony applications is just as straightforward. A no-nonsense licence key scheme allows you to provision more capacity and system resources when you need them, one at a time. There are only ten SpliceCom system licences;

### User

Enables a single user on a Maximiser OS. Users of PCS 5 Series and 3rd Party IP Phones all require a User Licence as do users of the iPCS IP Softphone app for SmartPhones and Tablets, along with the Navigate, PCS 60 and PCS 60 Ops Console apps when utilised as an IP Softphone. Users of analogue phones also require a User License, however, the 5315 & 5330 Phone Modules are supplied with 15 and 30 user licenses respectively. Extension Anywhere and Hot Desk Users also require a User Licence.

### Virtual User

Enables all the functionality associated with a full User License, but does NOT allow the use of an associated on-switch phone. Primarily intended for use where a SpliceCom system has been deployed for its voice processing capabilities, i.e. in legacy PBX migration scenarios, or Schools where teachers have their own voicemail box, but don't have a phone.

### Operator Console

Enables the Operators Console feature set for a single user on the PCS 60 application or the PCS 562, PCS 572G and PCS 582G IP Phones.

### Voicemail Box

Enables a single voicemail box for a user virtual user or Department.

### Voice Processing

Enables a single concurrent voice processing port on a Call Server and when running the Maximiser OS voice processing application on a standalone Mac OS X or Linux PC/Server. The 5108 Call Server is supplied as standard with 2 voice processing ports and the 5100 Call Server with 4 voice processing ports. These capacities can be expanded to 8 and 16 ports respectively. Increasing the number of Voice Processing Ports allows more people to access voicemail, auto attendants, Interactive Voice Response systems, meet-me-conferences and listen to in-queue messages, in addition to providing higher density call recording, at the same time.

### Enhanced Speech Processing (ESP)

Enables multi-level auto attendant, direct dial through & Interactive Voice Response (IVR) capabilities on a single concurrent channel basis. Also provides Text-to-Speech on the S716, S8000 and 5100 PBXs. Higher capacity is delivered by running the SpliceCom Voice Processing app on a standalone Linux PC/ Server or Mac OS X platform. Deploying Enhanced Speech Processing frees up your workforce by automating repetitive telephony tasks.

### Universal Trunk

Enables a single trunk channel (BRI, PRI, DPNSS, SIP or H.323) on SpliceCom's soft, hard or virtual PBXs. Please note that the optional 5204 or 5330 Trunk Modules are required if ISDN or DPNSS is to be supported on soft or virtual PBXs.

### Voice Compression

Enables a single G.729a, 8kbps voice compression channel on the S716/S8000 Soft PBXs and 5100/5108 Call Servers. Voice Compression allows more telephone calls to be squeezed down a single trunk, reducing the overall number of lines required and reducing costs.

### 8 Port Analogue Expansion Licence (5100 Call Server)

Enables eight additional analogue extensions on the 5100 Call Server. Increases the overall capacity on the 5100 Call Server to 16 directly connected extensions. Further analogue capacity can be achieved by utilizing the 5315 and/or 5330 Phone Modules.

### 4 Port IP Expansion Licence (5108 Call Server)

Enables four additional IP extensions on the 5108 Call Server, increasing the overall capacity to 12 users.



## Platforms and Licences

| Platform                     | Users     | Voicemail | Trunks  | Voice Compression | Voice Processing | ESP     |
|------------------------------|-----------|-----------|---------|-------------------|------------------|---------|
| 5108 Call Server             | 4 (8-12)* | 5 (20)    | 2 (8)   | 0 (8)             | 2 (4)            | 0 (4)   |
| S716 Soft PBX                | 5 (16)    | 5 (20)    | 2 (15)  | 0 (15)            | 2 (15)           | 0 (15)  |
| S8004 Soft PBX               | 8 (40)    | 8 (600)   | 4 (68)  | 0 (68)            | 4 (68)           | 0 (68)  |
| S8025 Soft PBX               | 8 (250)   | 8 (600)   | 4 (68)  | 0 (68)            | 4 (68)           | 0 (68)  |
| S8050 Soft PBX               | 8 (500)   | 8 (600)   | 4 (68)  | 0 (68)            | 4 (68)           | 0 (68)  |
| 5100 Call Server             | 8 (500)   | 10 (600)  | 4 (68)  | 0 (68)            | 4 (16)           | 0 (16)  |
| S8100 Soft PBX               | 8 (1000)  | 8 (1200)  | 4 (120) | 0 (120)           | 4 (120)          | 0 (120) |
| 5500 Network Service Gateway | 4 (250)   | 5 (300)   | 2 (34)  | 0 (34)            | 2 (8)            | 0 (8)   |
| 5204 Trunk Module            |           |           | 2 (4)   |                   |                  |         |
| 5230 Trunk Module            |           |           | 8 (30)  |                   |                  |         |
| 5315 Phone Module            | 15 (15)   |           |         |                   |                  |         |
| 5330 Phone Module            | 30 (30)   |           |         |                   |                  |         |

Numbers shown reflect Licences supplied as standard (maximum number of licences supported).

## Platform Scalability

users



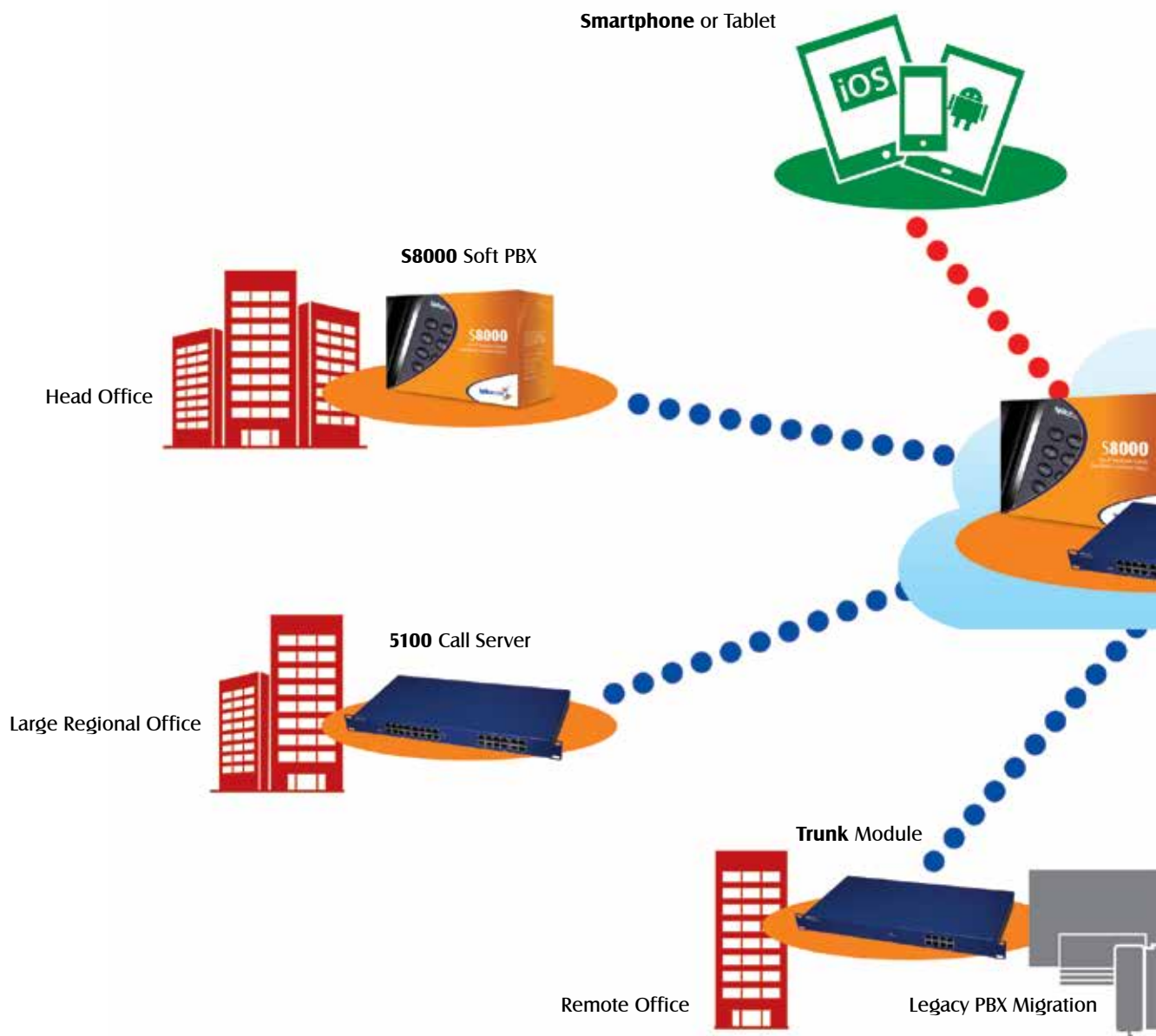
Platforms

## Hybrid PBX Architecture

SpliceCom is unique in its ability to deliver a pure Hybrid architecture because we have migrated our field proven Maximiser OS to the cloud, as opposed to purchasing an existing system to meet this need. Because all of our products have been designed in house by the same development team, we can deploy the same operating system across all of our PBX solutions, be they soft, hard or virtual, wherever they may be deployed – on the customer premise, in the cloud or hosted. This ability to deploy Maximiser OS “everywhere” means that not only can soft, hard and virtual PBXs – and gateways - be mixed and matched, as multi-site requirements dictate, to form a single totally integrated business telephone system, but architectures can too. This has allowed us to deliver the first true Hybrid solution, combining the strengths of both our on-site Customer Premise and Cloud/Hosted solutions

A Maximiser OS based Hybrid Solution allows SpliceCom customers’ to utilise IP trunking routed to their own virtual or cloud PBX. Typically the machine running this virtual service would be in a high reliability/high availability state, with dual servers, multiple disk drives, replicated infrastructure and trunks, etc. allowing fault tolerance, far in excess of that expected from a traditional IP PBX and associated services to be achieved.

## Flexible Edge Solution Options

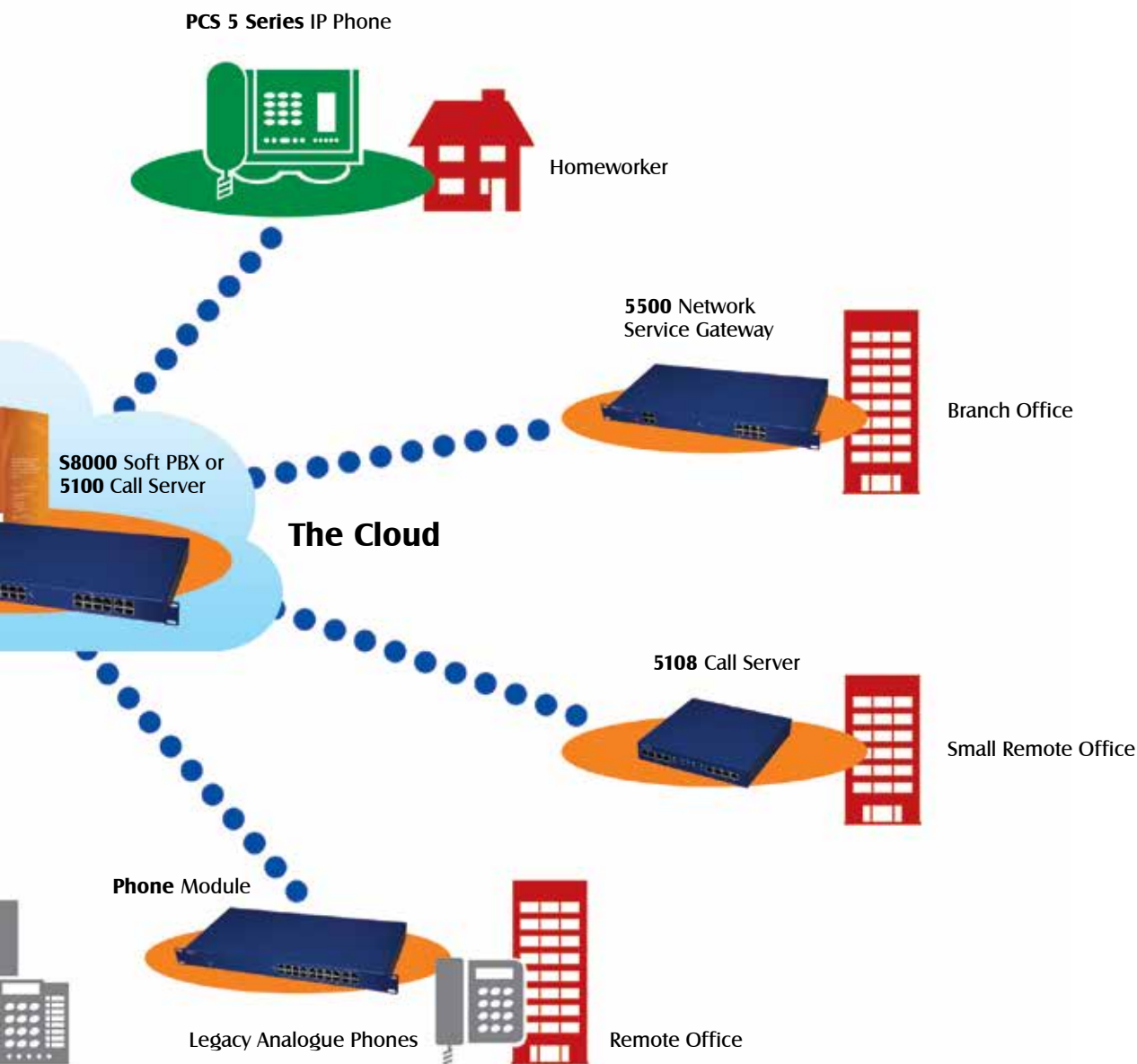


## Flexible Edge Solutions

The IP handsets deployed in very small offices or for homeworkers are networked directly to the Cloud based PBX. For larger sites, where higher availability is required, SpliceCom's 5500 NSG modules are deployed to run as survivable gateways and linked to the Cloud based PBX via IP trunks. These gateways provide local call break-out to ISDN and/or SIP services, handle on-site voice processing and call recording tasks and deliver complete, fully featured survivability in the event of the primary IP link to the Cloud PBX failing. SpliceCom's comprehensive range of Flexible Edge Solutions (FES) means that the S8000 Soft PBX family and 5108 and 5100 Hard PBXs can also fulfill this role.

Analogue phone gateways allow legacy handsets to be connected – and then energised through their use in conjunction with SpliceCom's Navigate Phone Partner app, allowing employees to access all of the features of SpliceCom's PCS IP Phones.

Finally, even existing PBXs can also be catered for using SpliceCom's trunk gateways to provide ISDN or DPNSS connectivity. This allows these legacy enterprise systems to remain integral to your overall communication system, with each site being migrated to full IP operation at your own pace, as business needs and budget dictate.

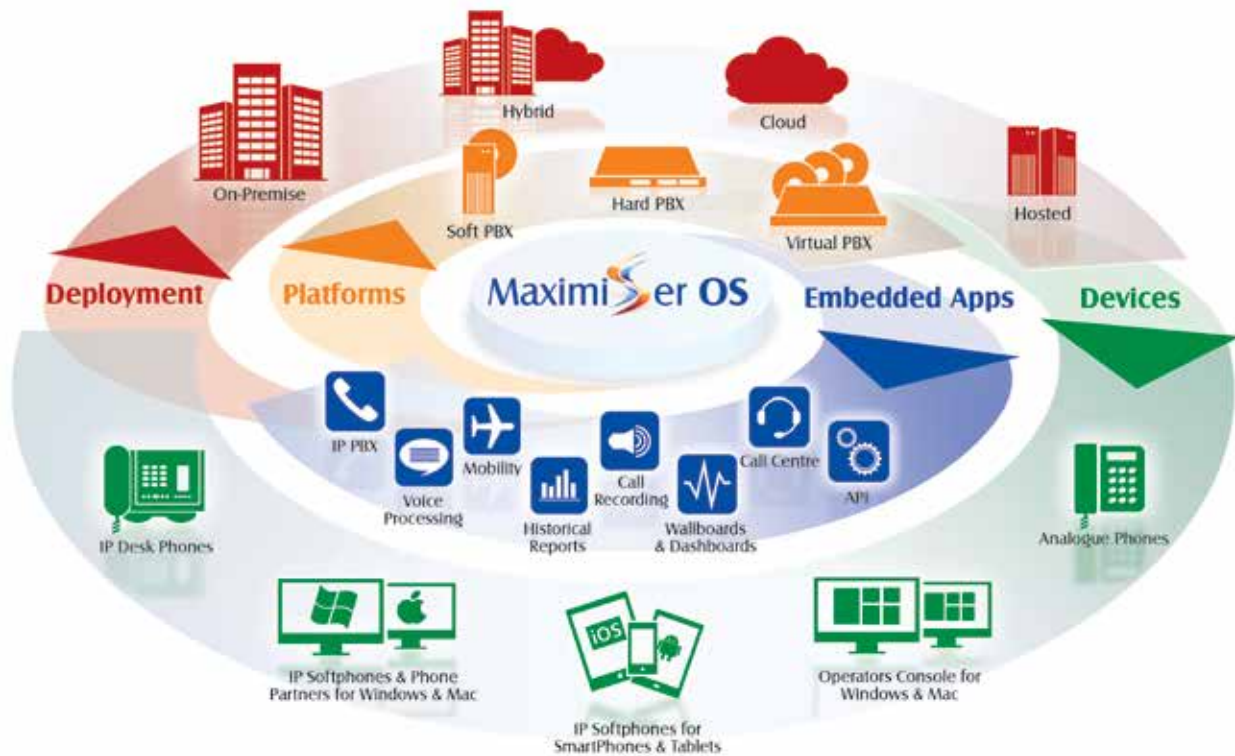


## The SpliceCom Difference

SpliceCom's product architecture is unique. All core platforms, phones and applications have been developed in-house by the same British-based development team; not outsourced, not brought in as a result of acquisition, not re-badged or oem'd. This, combined with the fact that a single telephony operating system, Maximiser OS, underpins ALL SpliceCom's platforms, guarantees system interoperability, delivering un-paralleled price/performance and true competitive business advantage.

SpliceCom systems work together as one- by design - which means that features, applications and benefits are delivered in a totally consistent manner totally independent of how (soft, hard or virtual PBX), what (single site or multi-site) or where (on-premise, cloud/ hosted or hybrid) they're deployed.

There's something in the SpliceCom portfolio to meet every business need. Small or large, simple or complex, soft or hard, one building or many, in the office or out of it, CAPEX or OPEX, SpliceCom allow you to put together the perfect combination for your specific requirements.



## About SpliceCom

SpliceCom is Britain's leading designer, developer and manufacturer of proven, reliable, scalable and highly featured Soft, Hard and Virtual PBXs. SpliceCom provides Advanced Business Communication solutions for deployment in customer premise, cloud/hosted and hybrid scenarios, delivering unparalleled competitive advantage, irrespective of size, industry, or geography.

All SpliceCom solutions are sold, installed and maintained by the SpliceCom Community - a group of highly trained organisations offering complementary skill sets and services.



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