Hosted Voice IaaS
COMPLETE DELIVERY PACKAGE

Node4 Infrastructure as a Service (IaaS) for Hosted Voice is tailored specifically to enable our Partners to rapidly deliver their own Hosted Telephony solution utilising our significant and long term investments in infrastructure.

By delivering your solution with us you can take advantage of the quality, security and rigorous service levels provided by our state-of-the-art Data Centres, highly resilient MPLS core network, enterprise grade Cloud virtualisation platform and carrier class SIP Trunking service.

We own and control our Data Centres, MPLS core network and all our infrastructure which is managed by our team of highly qualified and experienced industry certified engineers. This means that we can tailor our solutions to meet your exact requirements.

With all the infrastructure and expertise in place ready to deliver your Hosted Voice solution you can quickly update your portfolio and offer your customers the flexible, scalable and responsive service that a Hosted Telephony solution provides.

KEY BENEFITS

White-label Environment - Protect your investment in your chosen vendor, maintain your hard-earned in-house expertise and retain control of your clients with our simplified and flexible environment which is compatible with major PBX technologies.

Speed of Delivery - Bring your Hosted Telephony solution to market quickly since our infrastructure is operational now with capacity available at multiple locations.

Security - As soon as your platform is located within our secure Data Centres you have access to the highest levels of security that only a purpose built facility can deliver.

Cost Effective - By centralising your services you can benefit from economies of scale by pooling resources across multiple customers rather than having to provision site-by-site.

Business Continuity - Our flexible multi-site infrastructure and resilient MPLS core network with diverse access options, mean that you can design your Disaster Recovery strategy to make sure your service is up and running in the face of unexpected events.

FOUR STEPS TO DELIVERING YOUR HOSTED VOICE WITH NODE4

1 SIPLink

Cost effective voice services

- ✓ 0800 0845 — Flexible numbers
- ✓ 020 0161 — Location independant
- Free SIP-to-SIP calls
- Number Porting

BT · KCOM

2 YOUR SOLUTION

PBX — You choose your core technology

Node4 Data Centres

Our purpose built facilities
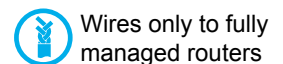
N4Cloud multi-site virtualisation

CISCO · EMC² · vmware

3 NODE4 NETWORK

BT · Virgin

UK National MPLS Network

- Resilient
- Flexible
- Class of Service

TalkTalk Business · vodafone · KCOM

4 CONNECT YOUR CUSTOMERS

HQ · Call Centre · Branch · Home

- Ethernet
- Leased Line
- EFM
- FTTC
- ADSL

Wires only to fully managed routers

For more information about IaaS, or other products and services we offer please call our Partner Team today: 0845 123 2222 or email us: info@node4.co.uk.

enabling business to do business

NODE4 & PARTNER PROGRAMME

ISO 27001 Information Security	Our ISO 27001 Security Certification ensures we meet stringent control requirements to manage information security.
ISO 9001 Quality Management	We operate a quality management system designed to make sure we consistently meet the needs of our customers and ensure continuous quality improvement.
Partner portal	Access support, quoting and exclusive resources via our online portal.
Expert engineers	Our UK based team of dedicated engineers are highly qualified with vast experience in delivering complex solutions and providing comprehensive and reliable customer support.
Training	We can provide one to one and group training on all elements of your IaaS solution.

STATE-OF-THE-ART DATA CENTRES

Purpose built facilities	We own our facilities which have been purpose built by us to deliver reliability and flexibility to Tier III specification.
Physical security	We operate the highest levels of physical security at each site including 24/7 manning, perimeter security fencing, extensive CCTV coverage and zonal swipe cards.
Onsite support	Our highly skilled onsite support team offer intelligent hands and eyes to assist you with kit installation, tape rotations, patching, structured cabling and other services.

NUMBERING AND RATES

Competitive call rates	SIP call charges can be significantly cheaper than ISDN.
No minimum channel commitment	With SIPLink there are no minimum number of channels per PBX.
No monthly DDI rental	Numbers are purchased with a one off cost.
UK numbers	Location independent geographic and non-geographic numbers such as 0800 or 0845.
International	We can provide numbers for major cities across the globe.
Immediate allocation	We keep a range of numbers in stock and ready to provision.
Number porting	For continuity you can port your existing numbers from most service providers onto SIPLink.

CARRIER CLASS SIP PLATFORM

PBX compatibility	SIPLink is proven to be compatible with most SIP-compliant PBXs and we will always work with you to integrate your system.
Proof of concept	Test accounts can be set up for you to trial the service before committing to a contract.
Resilient PSTN connections	Direct connectivity to multiple voice carriers allows us to re-route your traffic in the case of provider outages.
Emergency services support	Our systems update the 999 Emergency Database to ensure SIPLink is fully compliant with emergency services procedures.
Multiple Codec Support	We can support a range of codes including G.729 and G.711.
Monthly spend limits	You can set limits on monthly call spend to protect against fraud.

ENTERPRISE GRADE VIRTUALISATION

Cisco UCS blade system & VMware vSphere	High performance multi-core Cisco blades with VMware vSphere enterprise plus with the full enterprise feature set.
Multi-Tier EMC VNX storage	3 tiers of storage with options for fibre channel accessed SAS, NL-SAS and SSD caching.
Rapid deployment with vApp templates	Rapidly deploy virtual machines with vApp templates which capture server requirements as pre-configured machines with operating system images.
Self-service web portal	Access your virtual data centre through an easy to use, intuitive web portal.

HIGHLY RESILIENT MPLS NETWORK CORE

Resilient fibre network core	Our MPLS network core is designed to provide continuous service availability by being diversely routed to achieve sub second failover in the event of a core network failure.
Class of Service	CoS enables voice, video, applications and data to converge across one scalable network to prioritise critical traffic and reduce the impact of network congestion.
Diverse access options	Ethernet, EFM, FTTC and ADSL acces options including bandwidth throttling, assured rates and options for COS.
Managed Cisco and Juniper devices	Rrely on our experience and expertise to procure, configure and manage your routers, firewalls and switches.

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