

Managed Softswitch Partition Product

Interoute Virtual
Voice Network

today*

*the next
generation
network

Welcome to your future network

The Interoute Virtual Voice Network (VFN) is an advanced IP and TDM network opening up a new world of advanced telecommunications.

Uniquely, VFN is built on Interoute's wholly owned fibre, giving almost limitless capacity between switched hubs. With managed network capability on VFN, your suppliers and customers can deal with you instantly and seamlessly whether they interconnect in London or Frankfurt, Paris or New York.

Your dedicated switch capacity can be distributed as widely as you wish over the network and all managed from a central console on your desktop – building suppliers into a single routing list, whether IP or TDM, and wherever they interconnect.

With a single reporting facility on all traffic wherever it may arise, billing and reconciliation are simplified.

Whether you are contemplating a step into VOIP or conventional telephony, VFN offers a resilient, flexible and economical solution.

Moving to VFN is easy and can be accomplished a step at a time – your dedicated partition can grow with your business. Our web portal makes ongoing addition and management of new customers and routes a simple affair.

Most of all VFN is fully managed for you, allowing you to forget about maintenance, software and hosting and concentrate on your customers, your suppliers, your business.

VFN - Internet Service Providers

interoute 

Do Your Customers Want To Be Heard?

VOIP is becoming a more and more desirable proposition, whether for voice VPN between customer sites or for full 'hosted PBX' applications.

But if you are currently busy competing in the areas you know best – providing quality bandwidth services, hosting and data networks – how can you best take advantage of this exciting new opportunity?

The ideal solution would ease the strain of providing and managing voice services while leaving you in control of your customer proposition and margins.

VVN fills the gap. A complete outsourced infrastructure and management solution, VVN can add telecommunications to your portfolio quickly and easily.

And with a remarkably low entry price and costs tied to your traffic volumes, VVN allows you to prepare, trial and launch voice services without an overhanging capex investment.

The Highlights

VVN is not just a switch partition, and not just a network. It's both these and more. Take a look at the features on offer and compare them with your 'wish list':

- SIP register and proxy services, together with policy server and border controller, put you in charge of customer provisioning, call routing and numbering plans

- International network gives interconnect with both voice and IP at all major peering points, with expansion into the new EU accession countries now secured
- VVN is already interconnected with many carriers, including national PTTs, who can provide PSTN termination and conventional voice services such as indirect access and numbering
- Full web based management systems mean you can run your telecommunications services from your existing premises with minimal additional outlay
- Single point reporting for billing information and business performance monitoring
- Completely hosted, managed and maintained for you on true carrier class infrastructure used by international telecommunications companies and major corporates

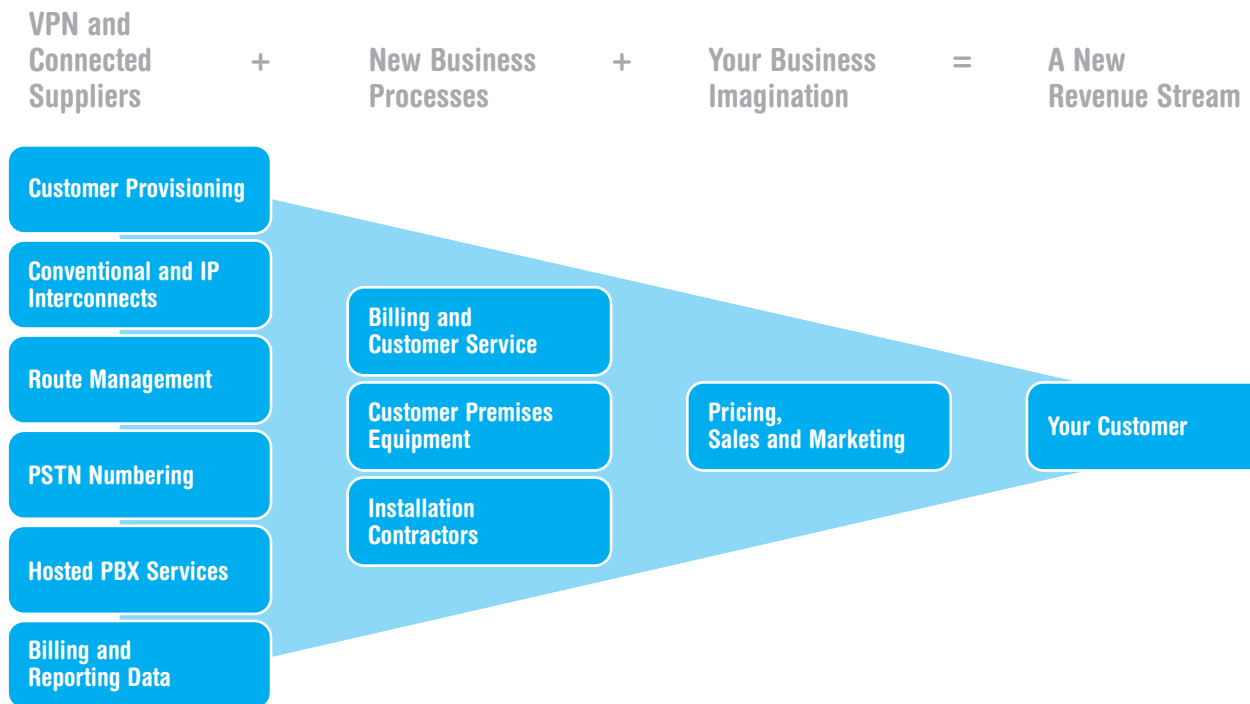
Complete the Picture

VVN provides the backbone of a high quality telecommunications offering. You only need to provide the customer facing elements – pricing and marketing, and customer service and billing.

To make things even easier, VVN has a large and growing interoperability list with different vendors' equipment.

Any VOIP connection causes VVN automatically to draw on more than three hundred pre-configured settings conforming to the combination of equipment and configuration detected. And this library can be added to in the unlikely event of VVN encountering a setup it has not met with before.

Whether your customers already own their equipment or rely on your recommendations, VVN will work with their choice.



A Commitment That Grows Only as Fast as You Do

With your own dedicated capacity including switches, interconnect ports and advanced functions all included in a monthly rental, VVN takes the pain out of operating a telecommunications infrastructure.

And the entry cost is surprisingly low. You can start with a little capacity – enough for a few dozen customers, and with costs to match. Then build your telecommunications turnover, and flexibly increase your use of VVN.

We won't ask you to commit to excessive capacity before you even start. This phased approach allows you to trial your offering with pilot customers if you wish, without the overhang of major expenditure pressuring you to launch before you are ready.

Sophisticated Network Management At Your Fingertips

Management of your dedicated VVN capacity is through a web interface. That means that new customers may be provisioned, new routes added, even your own outbound PSTN least cost routing tables configured, right from your desktop.

With VVN you can take advantage of the most advanced Next Generation Network in the world, without adding to your administrative and technical headaches.

Monitoring and Billing Made Easy

Just as your management tools are but a mouseclick away, so up to date status reports like traffic passed (a vital performance indicator) and the split between your outbound routes are speedily available.

And with all traffic passing via VVN's advanced switches, reporting for consolidated billing and reconciliation is also available in one place, no matter how many different kinds of customer and supplier you may connect with.

Network Capability

VVN is based on Interoute's wholly owned fibre network and switching is provided by Sonus equipment, in use at carriers worldwide. And our backup, redundancy and failover arrangements are what you would expect of a network already relied on by ISPs, carriers and corporate clients.

Voice VPN Is Yours From The Start

With the facilities and features of VVN at your disposal, adding voice VPN services to your existing data offerings becomes an easy procedure:

- Add the IP addresses of your customer's different sites to your 'white list' of allowed addresses on the VVN border controller using your management interface
- Add SIP IDs to your SIP register list
- Build the VPN numbering plan on our Policy Server so that a user dialling a short code can continue to reach the desired office by on-the-fly translation to the right SIP ID

Whether you offer the service as subscription, billed by the minute or bundled with bandwidth, VVN offers you the management tools to add or remove sites and bill as appropriate.

PSTN Termination Is Already In Place

With many carriers already connected with VVN, including economical IP-only suppliers, you will find it simple to complete a full voice portfolio.

You Can Start Today... Why Wait?

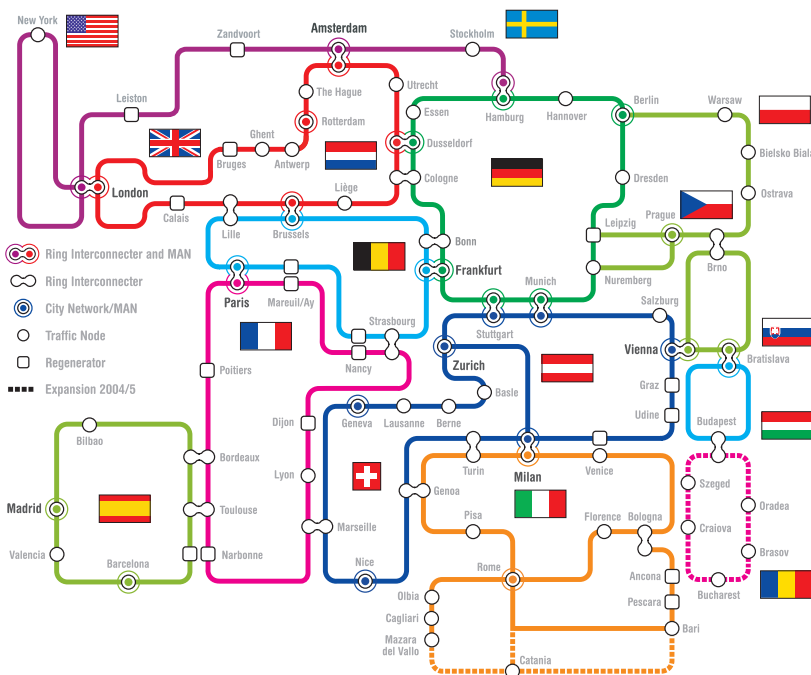
With VVN's turnkey solution, you can start the move up to your own telecommunications offering today. You could start with a single customer. Our engineers (your engineers!) are here to help you.

Opting for a VVN managed solution gives instant access to your own switch capacity and the lucrative VoIP market, and a risk free move into Next Generation telephony.

About Interoute

As Europe's fastest growing technology provider, Interoute owns and operates Europe's most advanced and densely connected voice and data network, offering unparalleled homogeneity, reach and capacity. Our fibre optic network, consists of eight rings connecting 61 cities in sixteen countries across 23,500 route kilometres and has the capacity to carry a petabit (a billion megabits per second) of traffic. We have also built metropolitan area networks (MANs) in 21 major European centres of business. Having also recently expanded into Central Europe, and with further expansion planned we are the operator of choice for Europe.

Interoute network



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This information was correct at the time of going to press. However, because of Interoute's business, details are likely to change.
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