

Optus Wholesale VoIP IP Gateway.



Now that's
a solution!

- ✓ Increase your revenue and margins
- ✓ Increase your footprint
- ✓ Offer bundled services to end-users
- ✓ Enter new markets
- ✓ Reduce costs

Optus Wholesale VoIP IP Gateway is a new wholesale product designed to meet the needs of Carriers and Service Providers. The purpose of the product is to provide premium switched voice connectivity on an IP platform. One IP connection can carry a multiple of different voice services. The service is fully managed up to the customer edge.

Optus VoIP IP Gateway complies with rigorous Optus quality assurance standards. The Nortel Call Server 2000 (CS2K) is used for signalling and call control and the Cisco based MPLS network is used for IP connectivity.

Features and Benefits

- Offers the same voice quality as traditional voice networks
- Able to offer value added services eg. multimedia applications
- SLA = 99.9%
- Able to carry multiple voice call types including:
 - Carrier Interconnect (Inbound and Outbound)
 - Call Termination Services (Premium Local, National, Fixed to Mobile and International)
 - Special Call Termination Services (Least Cost Routing for International Calls)
 - Multilines (PRI Equivalent on IP; Available Post October 2005)
- Will connect with H.323 V4 today; SIP & SIP T will be available Post October 2005

'yes'
OPTUS

Wholesale



Product Offer

Option 1

Bring in Your Soft Switch (BYS)

This option allows you to work with your own Soft Switch for interconnection. Optus Wholesale will also organise a test time frame for you, if your soft switch brand has not been previously tested for compliance and call cases.

Option 2

Build, Operate and Transfer (BOT) Optus Wholesale can provide a Soft Switch according to your traffic profile. There are two choices:

1. Nortel CS2K (Compact)
 - For large call volumes
2. Sun Microsystems Based Switch
 - For low to medium call volumes

Finance

Finance can be arranged through an Optus recommended finance provider. Optus Wholesale will maintain the switch for an extra time period of the finance contract if required. Naturally the maintenance contract is renewable if required.

Bundling

Optus Wholesale can offer other products to be bundled with VoIP Gateway.

- Access Products
 - DSL – Business Grade
 - DSL – Consumer
 - Frame Relay
 - Ethernet
 - ATM
- IP Products
 - Premium Wholesale IP VPN for Data
 - Internet
 - Wholesale Dial
 - Virtual ISP DSL & Dial
 - Co-Location (Data Centre)
- Voice Products
 - Carrier Interconnect
 - Call Termination Services
 - Special Call Termination Service
 - Multilines
- Other Products
 - Nortel IP PABX
 - IP VPOI – Australia-wide virtual presence to connect to your customers (NB: under development)

Ordering

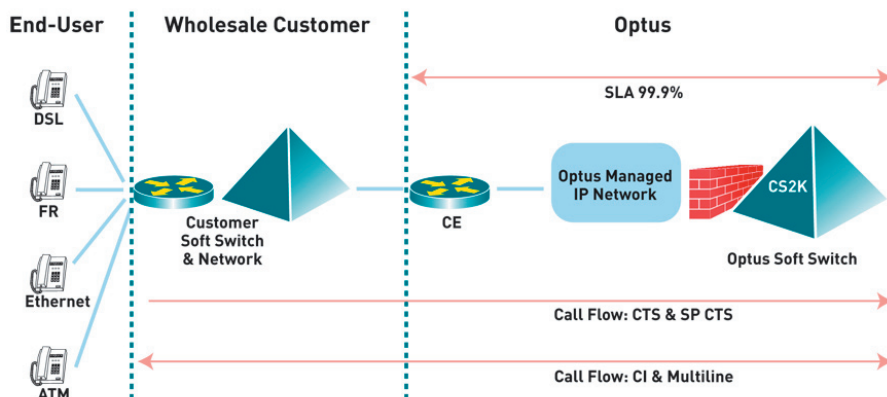
1. Decide on the traffic type – CI, CTS, SP CTS, Multiline or a combination.
2. Select a Soft Switch Option and an Optus fibred site or Optus Data Centre.
3. Determine the IP capacity required or consult your Optus Wholesale Sales Engineer.
4. Raise an order on Optus Wholesale Extranet.

Installation

1. Optus Wholesale will provision the access to your switch (a 100BaseT Ethernet link with MPLS IP VPN).
2. The IP ports and one or more routers will be provisioned to map the call types.
3. Optus Wholesale will then provision the voice trunks mapped to the IP Ports.
4. Once installed and tested, Optus Wholesale will email a Hand-Over Pack (HOP) to your designated contact.

Billing

The bill from Optus Wholesale will show Access and Voice Install and Monthly Recurring charges separately. Call Data Records (CDR) can also be downloaded from the Wholesale Extranet (depending on the voice product).



Further information

Optus Wholesale VoIP IP Gateway is part of a range of integrated communication solutions provided by Optus Wholesale. For solutions to all your wholesale needs, contact your Optus Wholesale Account Manager or visit our website at www.optus.com.au/wholesale