



1.1 Network-Based Internet Gateway

The Network-Based Internet Gateway ("NBIG") option provides secure access to the Internet for Business VPN sites. Customer generally requests a Network-Based Internet Gateway for each region where it needs to support Internet connectivity for its Business VPN Locations. The Network-Based Internet Gateway option is available for a Location that has a Business VPN Corporate or a Business VPN Small as a Site Profile, and the applicability will vary from country to country. NBIG is implemented within the Orange Network rather than on Customer's Locations. NBIG is segmented into two the following levels of service:

- **NBIG Premium:** Designed for Internet gateways operating for Business VPN sites within the region with complex security requirements and bi-directional Internet traffic.
- **NBIG Basic Outbound:** Designed for Internet gateways operating for Business VPN sites within the region with outbound internet traffic only and very basic security requirements.

1.1.1 **Implementation.** NBIG Premium is implemented with a dedicated Orange managed router and an Orange managed firewall hosted in an Orange Hosting Center. NBIG Basic Outbound is implemented in Orange shared platforms in an Orange POP.

1.1.2 **Site Profile Availability.** The Network-Based Internet Gateway ("NBIG") option is available for Business VPN Corporate or Small sites. The applicability will vary from country to country.

1.1.3 Security:

- For NBIG Premium, an on-site firewall (Orange-managed) is mandatory and policy-based routing will be implemented in the router to ensure that all Internet traffic is processed by the firewall. The router itself is reachable only via Orange management network
- For NBIG Basic Outbound Service, an integrated stateful firewall is configured within the IPSN platform between each Customer Virtual Router ("C-VR") and the Internet, which protects the C-VR and the Customer VPN from the unauthorized access via the Internet. One common firewall policy is available to all customers, which is defined in the 'NBIG Basic Outbound – Firewall Policy' document that will be provided to Customer upon request. This policy states that all outbound Internet traffic, except SMTP traffic (which may be permitted upon Customer's specific request), is prohibited.

1.1.4 **NBIG Premium Features.** NBIG Premium provides the following features:

- Inbound and outbound Internet service.
- Complete Managed Firewall service (reporting, change management, vulnerability scanning).
- CoS on the Business VPN site.
- Business VPN end-to-end reporting and SLA.
- Internet bandwidth utilization reporting and Internet Direct network SLA.

1.1.5 **NBIG Basic Outbound Features.** NBIG Basic Outbound provides the following features:

- Outbound Internet service only (except SMTP upon Customer's specific request).
- Standardized firewall policy.
- Internet Direct Network reporting and SLA.
- Internet Bandwidth utilization reporting.
- Shared platforms availability reporting.

1.1.6 **Service Limitation.** With the NBIG Basic Outbound option, Customer cannot customize or restrict access to the Internet on a per User basis.

1.1.7 **Pricing.** Pricing is per Network based Internet gateway, not per Business VPN site accessing the gateway. Charges include Network plug charges (Internet and VPN), routing and firewall charges, and Service Management.