

Customer Site Equipment

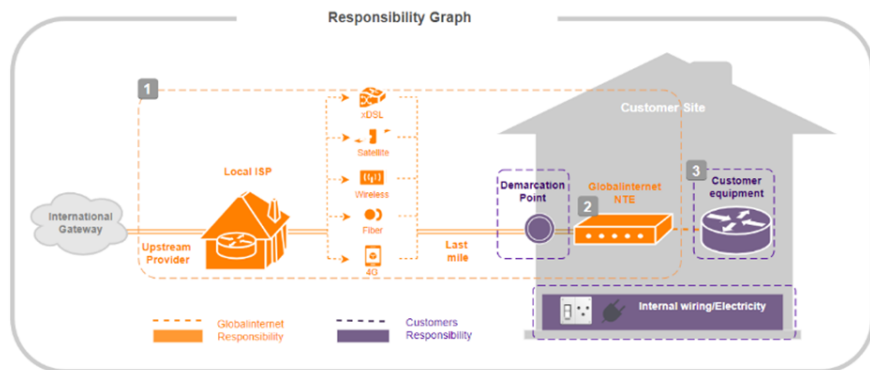
This fact sheet provides information about the equipment that can be provided at the customer site – both NTE (which is always provided as it terminates the internet service) & CPE (which is optional). It is part of a series of 9 documents that give a full overview of products and services available.

	Options	DIA	Broadband
NTE	Modem	Yes	Yes
	Modem/router	N/A	Yes - standard
	Gateway router	Yes – standard	N/A
	NAT/PAT capability	N/A	N/A
	Wires only	Limited - non-standard	N/A
	Wireless unit/antenna	Yes (fixed wireless)	Yes (VSAT)
NTE interface	Copper RJ45	Yes - standard	Yes - standard
	Fibre SFP	Yes – non-standard option	N/A
	Modem/router	Yes	Yes
	ICMP access	Yes	N/A
	SNMP access	Option where available	N/A
	Free LAN ports	Minimum 1, flexible options	1 port
CPE	Cisco	Yes - rental	Yes - rental
	Other	Non-standard	Non-standard
On-site services	Field technician	Non-standard option	Non-standard option
	Internal cabling	Non-standard option	Non-standard option

NTE

NTE (Network Terminating Equipment) is always provided as part of the Globalinternet service. The NTE is a device which presents the internet access service towards the customer on site – and transmits the customer data towards the internet. The customer will normally connect CPE (Customer Premises Equipment)

for application configuration & routing. Globalinternet can provide a range of CPE on a leased basis in addition to the contracted internet service.



NTE interface

Interface type	Notes
RJ45	Copper connection – supplied as standard
SFP multi-mode	Fibre connection – optional supply for DIA only as standard (non-standard availability on some gigabit broadband)
SFP single-mode	Fibre connection (longer distances) - optional supply for DIA only
Free LAN ports	Standard offer is 1 free port for customer use – multiple port options available as non-standard

NTE Types

Modem	NTE without additional routing functionality (preferred when available).
Modem/router	Broadband services are normally provided on a modem-router.
Gateway router	Provided as standard preferred NTE on DIA services with /29 & below subnets.
L2 Switch	Ethernet service presentation for DIA on RJ45 or Fibre SFP. In cases where customer does not support locating a separate Globalinternet managed NTE this will be the only on-site hardware provided.
Wireless unit & Gateway router	Device with antenna (internal or external depending on service & location) to receive/transmit the wireless signal & present internet service.

NET configuration

Globalinternet will always aim to deliver services on NTEs that comply to the following minimum specification/configuration:

- Support a Public LAN subnet.
- LAN Gateway will be pingable from the internet after installation enabling the service to be tested.
- NTEs with functionality WiFi, Firewall, NAT and PAT will be turned OFF on the device.
- TELNET support – enabling remote diagnostics.
- ICMP support for diagnostic/control purposes or generated in response to errors in IP operations.

Additional NTE configurations that will be provided where available or necessary:

- SNMP support - Simple Network Management Protocol is an Internet-standard protocol for collecting and organizing information about managed devices on IP networks and for modifying that information to change device behaviour.
- Services with /32 subnet - a router in bridge mode will be provided.
- Occasionally (where necessary due to no other available options or excessive local costs) more basic forms of NTE may be supplied that will not support value-added service management capability – Globalinternet will always make this clear on orders

Cisco CPE

Most Cisco CPE (Customer Premises Equipment) can be sourced and provided through Globalinternet in

locations where internet access is being provided. Globalinternet will deliver the device specification set by the customer – configuration and management of the CPE is the customer or customer agent's responsibility.

Other CPE

Non-Cisco CPE can potentially be sourced through Globalinternet on a bespoke basis - please make contact with requirements.

Field Technician: Globalinternet has supply agreements with field services providers with capability to attend site and support live service commissioning globally. Rates are dependent on specific skill requirements and location.

Internal Cabling: Globalinternet local ISPs are able to satisfy most on-site cabling requirements and in many cases this will be provided free of charge within the DIA installation. Complex or extensive installations are chargeable, and the price is entirely determined by the scope of work.

Let's Talk!

At Globalinternet, we want to help you to take full control over your internet without having to deal with the complexity of sourcing multiple Internet Service Providers.

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