



SPIN 103

June 2010

Service Provider Industry Notification

For The BT Network

**Title :- Generic Ethernet Access (GEA) product:
Launch Notification**

Each SPIN is the copyright of British Telecommunications plc. Reproduction of the SPIN is permitted only in its entirety, to disseminate information on the BT Network within your organisation. You must not edit or amend any SPIN or reproduce extracts. You must not remove BT trade marks, notices, headings or copyright markings.

This document does not form a part of any contract with BT customers or suppliers.

Users of this document should not rely solely on the information in this document, but should carry out their own tests to satisfy themselves that terminal equipment will work with the BT network.

BT reserves the right to amend or replace any or all of the information in this document.

BT shall have no liability in contract, tort or otherwise for any loss or damage, howsoever arising from use of, or reliance upon, the information in this document by any person.

Publication of this Service Providers' Information Note does not give or imply any licence to any intellectual property rights belonging to British Telecommunications plc or others. It is your sole responsibility to obtain any licences, permissions or consents which may be necessary if you choose to act on the information supplied in the SPIN.

This SPIN is available in Portable Document Format (pdf) from: <http://www.sinet.bt.com/>

Further information may be obtained from the contact point detailed within, alternatively please contact your BT Account Manager.

Enquiries relating to this document should be directed to: help@sinet.bt.com

CONTENTS

1. INTRODUCTION..... 3

2. PRODUCT SUMMARY..... 3

3. SITE AVAILABILITY 3

4. DOCUMENTS..... 3

5. CONTRACT 4

6. PRICING 4

7. ORDERING AND FURTHER INFORMATION 4

1. Introduction

This briefing is notification to Communications Providers concerning the Generic Ethernet Access (GEA) product launched on 30th June 2008. The original briefing was published 30th May 2008.

GEA Fibre to the Premises (FTTP) at Greenfield sites is available at the Openreach pilot site at Ebbsfleet, Kent where service activations were available from 31st August 2008. Openreach also plans to provide GEA products at subsequent New Build Sites at which it deploys FTTP infrastructure. New Build Sites are housing or mixed-housing/commercial sites where there is currently no existing copper access communications infrastructure.

It should be noted that GEA is subsequently being deployed at GEA Fibre to the Cabinet (FTTC) locations and at GEA-FTTP at Brownfield pilot sites from mid 2010.

2. Product summary

The GEA product utilises FTTP infrastructure where fibre is deployed in the Openreach local access network. It will provide an 'always on' Virtual LAN (VLAN) – a lit fibre circuit connection, from the Exchange Optical Line Terminator (OLT) device to every End User premises' Optical Network Termination (ONT) device on the Passive Optical Network (PON). The Ethernet ports on the ONT represent the demarcation point between the Openreach network and the End User environment.

The base product consists of a physical fibre network connection between the End User premises and the Openreach Point of Handover to CP networks (i.e. a GEA 'lit fibre' circuit) over which both assured and non-assured product variants as detailed in the product handbook are available.

To receive the GEA products above, CPs will require a GEA–Cablelink for connection into the Handover Port. This connection will comprise a fibre tie from the CP's presence in a BT exchange into a 1Gb Ethernet port into the Layer 2 switch. The fibre connectivity may include connection via an Optical Flexibility Frame (OFF).

Further information on the product can be found on the Openreach NGA website at the following URL: <http://www.openreach.co.uk/orpg/products/nga/nga.do>

3. Site availability

GEA will initially be available at Ebbsfleet, Kent. As Openreach deploys FTTP architecture at other New Build sites, it will notify CPs and provide access to a site availability list on the Openreach web site.

4. Documents

Product Documentation including the following documents are available on the Openreach website at the URL given below:

- GEA-FTTP Product Description
- GEA-FTTP Billing Manual
- Customer Service Plan

<http://www.openreach.co.uk/orpg/products/nga/fttp/gea.do>

The FTTP Generic Ethernet Access Service & Interface Description is known as Supplier Information Note (SIN) 477 and is available at www.sinet.bt.com

5. Contract

This briefing notifies that the Contract for GEA Services, is available at the following webpage URL:
<http://www.openreach.co.uk/orpg/products/nga/fttp/gea.do>

6. Pricing

Full pricing information for the GEA products is available from the NGA Products Portfolio Pricing webpage located on the Openreach Pricing page at the following URL:

<http://www.openreach.co.uk/orpg/pricing/loadPricing.do>

Prices were effective from 30th June 2008.

7. Ordering and Further Information

Orders for GEA-FTTP Greenfield can be placed from 1st August 2008 at those sites as notified by Openreach from time to time.

If you are interested in taking the GEA product or have any queries about the content of this briefing please contact your Openreach Sales and Relationship Manager or john.greenstreet@openreach.co.uk.

-END-