

Consult21 briefing

10G Ethernet MSIL ISH/CSH Requirements Results and Conclusion

Briefing number C21-PP-027

Issue: 1

Date: 04/04/08

Important Note

This document is circulated for the purposes of briefing. However, the contents are subject to change.

This document is supplied to you in confidence as part of the Consult21 process. It should not be circulated outside the Consult21 Communications Provider community.

Owner: Consult21

Issue: 1.0

www.btwholesale.com/consult21

BTwholesale

Copyright © British Telecommunications plc 2008

Contents

1	INTRODUCTION.....	3
1.1	Briefing Purpose	3
1.2	Results and Discussion	3
1.3	CP Response Summary.....	3
1.4	Conclusion	4
2	DOCUMENT HISTORY	4
3	ENQUIRIES.....	5

1 Introduction

On 19th February 2008, BT Wholesale issued a briefing (Reference Number C21-PP-026) to invite the Industry to register their requirements for 10G Ethernet MSIL In-Span Handover (ISH) and Customer Sited Handover (CSH). BT would like to thank those CPs who have responded to this briefing.

1.1 Briefing Purpose

This briefing is to report on the response results on the 10G MSIL ISH and CSH requirements.

CPs are also reminded that the 10G MSIL Pre-Launch Deployment offer in the Consult21 briefing C21-P2P-022 on 10th December 2007, is still open for CPs who would like the opportunity to formally request/order 10G MSIL (IBH or APH) at one or more of the 20 Core Metro Nodes for interconnect. This capacity is limited at each site and availability will be determined by the 21CN geographic infrastructure roll-out plans. If any CP is likely to require 10G MSIL service (working) at any site before August/September 2008, please log their interest by contacting Henry Chan at henry.chan@bt.com by 16:00 on 16th April 2008.

1.2 Results and Discussion

By the closing date of 29th February 2008 for responses, only 1 CP had responded.

The CP has confirmed that 10G MSIL CSH was not required and expressed that the 10G MSIL ISH would only be required at a push or as a third choice requirement.

That CP has also indicated that all their ISH handovers are expected to be 10km or less optical distance.

The comments on the proposed 4x 1G costs for 10G MSIL has been noted and is being reviewed.

10G MSIL Access Port Handover (APH) and In-Building Handover (IBH) will continue to be developed for launch.

1.3 CP Response Summary

A summary of the CP response as quote:

“BT Wholesale would like to consult all CPs who have an interest in using 10G MSIL on their demand for ISH and CSH MSIL variants, to assess the impact on implementation priorities and costs.

2.1 By the closing date of 21st December 2007 for responses, only 1 CP (**CP1**) had registered their interest in the 10G MSIL IBH Proof of Concept trial offering. As a result, BT Wholesale is pursuing the 10G MSIL early deployment with that CP.

2.2 10G MSIL APH and IBH are being developed for launch.

CP1 -> ...that's what we want, not CSH.

BT Wholesale would like to consult all CPs who have an interest in using 10G MSIL on their demand for ISH and CSH MSIL variants, to assess the impact on implementation priorities and costs.

If CPs have such requirements, please supply the following information:

1. What are the expected BT Metro Node locations?

CP1 -> BB PoSIs and ... voice PoSIs.

2. Are all the CP sites within 10 Km of the Metro Node? If not, what is the estimated radial distance reach?

CP1 -> we'd do APH, IBH or ISH at a push.

Notes: CP1 has also confirmed in a separate email that

“I would expect all our ISH handovers to be 10km or less optical distance.”

3. The required handover type(s) at each location.

CP1 -> APH first choice, IBH second choice, ISH last choice

4. The expected MSIL volume at each site.

CP1 -> for resilience, ... 10G ports at WBC sites, but only if cost is lower than 2 * 4 * 1G cost! At Voice PoSI we may do with ... 1G ports. 10G at 4*1G cost is too expensive.

5. Monthly 10G MSIL forecasts for 2008 and 2009.

CP1 -> timing will be driven by economics on 10G for resilience ... “

1.4 Conclusion

As a result of this consultation, BT Wholesale will not be developing 10G Ethernet MSIL Customer Sited Handover (CSH) and In-Span Handover (ISH) variants, and also not to develop the 10G extended distance reach capability beyond 10Km due to the lack of demand and requirements.

2 Document history

Date	Comment	Author
07/03/08	Draft 1	Henry Chan
10/03/08	Draft 2	Henry Chan
04/04/08	Issue 1	Henry Chan

3 Enquiries

For any enquiries on this document please contact:

Consult21 lead: Bill du Cann, bill.cann@bt.com

Content lead: Henry Chan, henry.chan@bt.com