

Agenda Item:

Source: BT

Title: Iu Interface Specification Objectives

Document for: Approval

Introduction

In the Iu SWG meeting in Helsinki, BT agreed to propose some text for the Specification Objectives for the Iu Interface. This contribution contains the proposed text to be added to the Objectives chapter of 25.410. It is partly based on GSM08.01.

Proposed Text

The Iu interface shall be specified such that it can support:

- the interconnection of RNCs with Core Network Access Points within a single PLMN
- the interconnection of RNCs with Core Network Access Points irrespective of the manufacturer of any of the elements.
- all UMTS services

The Iu interface shall facilitate the use of the same RNC, MSC or SGSN in all PLMNs.

Independence between the protocol layers and between control and user planes shall be maintained on the Iu interface.

The Iu interface shall allow independent evolution of technologies within the Core, Radio Access and Transport Networks.

The Iu interface shall be standardised as an open and multi-vendor interface.

*[note – there is one existing objective, concerning service migration. It is **not** proposed to remove this]*

Proposal

It is proposed to include the text from the previous section into section 4.3 of 25.410.