

Source: Ericsson
Title: Formulation of requirements to support existing GSM services
Document for: Approval
Agenda Item: 5

1. Introduction

When expressing requirements on the all-IP network, it is important that this is done in a way to allow these requirements to be implemented in the best possible way. To enable this, the requirements need to be expressed as pure user or operator service requirements, not specifying implementation.

One requirement that has been expressed is that the all-IP network shall support the existing GSM services.

In this case we believe that the requirement, expressed in a way to not specify implementation, is that it shall be possible to use IP transport, for all user data and signalling, for the existing GSM services. To determine how this shall be implemented, using the different network domains as discussed and proposed by S2, shall be a task for S2.

2. Proposal

If it is required to support existing GSM services, it shall be expressed as follows:

“It shall be possible to use IP transport, for all user data and signalling, for the existing GSM services.”

The definition of by which architecture, e.g. in which domain or domains this shall be implemented shall be discussed and determined by S2.