

11-14 April, 2000, Stockholm, Sweden

From: TSG SA WG3

To: SMG9, TSG SA WG1

Title: Draft Answer to LS New SIM toolkit feature: "Auto-answer & Mute-ringing"

Contact: Ludovic Rousseau, Email: Ludovic.Rousseau@gemplus.com

S3 thanks SMG9 for their liaison statement entitled New SIM toolkit feature: "Auto-answer & Mute-ringing" (3GPP S3 document: TSG S3-000164, SMG9 document Tdoc 9-00-0158).

S3 has studied the proposed security mechanisms to secure this "Auto-answer &

- Loud sound signal
- Timeout control
- CLI (Calling Line Identifier) control

The CLI cannot be used as a secure authentication. The CLI is controlled by the operator and could easily be faked. This is a major concern when the user is roaming in a "foreign" operator network.

S3 sees a major security problem: this feature will provide a way to listen to vocal communications occurring in a room. It is worst than eavesdropping an existing phone call.

This Auto-answer & Mute-ringing feature brings a lot of security impacts and new threats. CLI authentication is not enough. S3 decided to not support this feature for now.

If S1 wants to support this feature, S3 will examine it again provided a new security mechanism is proposed.