

Source: T2 Chairman
Title: Terminal Management
Document for: Discussion
Agenda Item: 9

Background

T2 had a brief discussion on an input paper which raised some important questions on Terminal Management during its 5th meeting in Kyongju, Korea (6th October). Unfortunately there was insufficient time to deal with all the issues in detail and therefore the discussion has been deferred until the next T2 meeting. However the T2 chairman believes that the issue is of significant importance to 3GPP and therefore raises what he believes to be the most important aspects in this document which is not endorsed by T2.

Introduction

Aspects on Terminal Management have recently been discussed in SA Plenary and SA5. This is not a new discussion, but has previously at great length been discussed in SMG Plenary, T3/SMG9 and T2/SMG4. As concluded in Tdoc TSGS5#4(99)106, it may be a concern of many groups.

Definition

Terminal Management (TM) is a secure mechanism that allows the network operator, with permission from the authenticated user, to remotely change settings within a terminal and obtain terminal diagnostic information.

Scope

TM allows:

- the network operator to assist the user
- terminal diagnostic information to be fed back to the network operator
- a population of unmanned terminals to be managed for a customer (user groups or machine-machine solutions)

Discussion

TM requires a mechanism to be implemented in the terminal which is linked to remote functions in the network. This can either be implemented by defining a new protocol, or by re-using existing toolkits such as SAT and MEXE. It is believed that SAT and MEXE can provide everything required for Terminal Management, and that it would be against the defined S1 principles (using toolkits for new developments wherever possible) to define a new protocol. The T2 chairman has been informed that similar conclusions have already been reached by S1 on Terminal Management.

It is therefore suggested that requirements for Terminal Management are handled as part of the MEXE and SAT work items.

Conclusion

TSG-T is invited to consider whether the above represents an appropriate starting point for the definition and scope for Terminal Management, to endorse the principle that the mechanisms SAT and MEXE are suitable and sufficient, and agree that TSG-T shall be responsible for Terminal Management.
