

MAYAH Communications Application Note 38

Custom Login Scripts for 3G

1. General description

3G modems like the one provided by MAYAH can be programmed by sending AT commands. Most of these commands are standardized, some are proprietary. Under some circumstances it may be desirable to be able to issue a custom command script, e.g. to enable certain features of the 3G card or the mobile network. This document describes how this can be done with MAYAH devices.

In addition to the default initialization routine, which includes supplying the PIN, APN (with username and password) and starts the connection, a custom command script may be used.

2. Technical description

The custom command script will be executed just before the connection is established.

To provide a custom command script a file called 'umtsscript.txt' must be copied onto the MAYAH device and placed in the 'CFG' directory.

The file must be an ASCII text file, which contains a single command per line. Lines starting with '/' (two slashes) will be ignored. Commands must be complete, including 'AT' e.g. 'AT+CGEQREQ=1,1,2048,256,64,64'.