



## **KDT900 – FTP and TELNET**

### **Introduction**

The KDT900 contains both a FTP server and a TELNET server. These services can be used to remotely manage and transfer files and data between a PC and the KDT900.

***NOTE: FTP and TELNET data are considered insecure data transfer methods because all communication takes place unencrypted.***

### **Enabling the FTP Server**

By default, the FTP Service is disabled. To enable the service, set the registry key [HKEY\_LOCAL\_MACHINE\Comm\FTPD] value “IsEnabled” to 1. To disable the service, set “IsEnabled” to 0. The KDT900 must be rebooted after changing the state.

### **Enabling the TELNET Server**

By default, the TELNET Service is enabled. To disable the service, set the registry key [HKEY\_LOCAL\_MACHINE\Services\TELNETD\NewSession] value “ServiceContext” to 0. The KDT900 must be rebooted after changing the state.

### **Adding Login Credentials**

***By default, there are no user credentials installed and all login attempts will be rejected. Before the FTP and TELNET servers can be utilized, at least one username and password pair must be added to the system.***

To add new User/Password pairs on the KDT900, create an ANSI encoded text file named “users.txt” in the root directory of the internal SD card. The KDT900’s auto-start application (PlatformStartup.exe) will parse this file and add the entries into the SSPI database on the next reboot. These entries can also be used for FTP and TELNET sessions if the services are enabled.

List usernames and passwords on the same line, separated by a single space. All lines must be terminated with a carriage return, even the last entry. For example, to have two users with names “user1” and “user2” with respective passwords of “mypass1” and “mypass2”, the file would be such:

```
user1 mypass1
user2 mypass2
```

Note that there MUST be an added carriage return after the last entry’s password.