USRobotics
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MOBILE-ORIGINATED (e.g. Point of Sale) SCENARIO

Set up the modem per the "Getting Started" document, including programming of the APN in section 6.11, using AT$CGDCONT command.

Send the following commands to the modem over the serial or USB port

```
AT$BRIDGECREATE=X,Y,Z,D          (bridge to connect endpoints Y & Z)

AT$ENDPOINT=Y,T,P,"IP"           (TCP client endpoint)

AT$ENDPOINT=Z,S,U,B              (serial UART endpoint)
```

Key

```
X – Bridge   ID Number (1-10)
Y – Endpoint ID Number (1-49)
Z – Endpoint ID Number (1-49, different than Y)
D – Direction (2 = Bi-directional)
T – Endpoint Protocol for TCP (1)
S – Endpoint Protocol for Serial (3)
P – TCP Port Number (1-65535)
IP- IP Address of the VPN Tunnel
U – UART Number (1)
B – Baud Rate (1200-921600)
```

Example

```
AT$BRIDGECREATE=1,1,2,2                (bridge to connect endpoints 1 & 2)

AT$ENDPOINT=1,1,23,”xxx.xxx.xxx.xxx”   (TCP client endpoint using port 23)

AT$ENDPOINT=2,3,1,9600                 (serial UART endpoint at 9600 baud)
```

Connect remote device (e.g. POS Terminal) to modem’s serial port.

Using a terminal application

Open a TCP session in the role of server on port 23 (Telnet)

(Note: modem's connection must not be blocked, e.g. by firewall)

Your session is now connected virtually to the POS terminal.

Removing this configuration from the modem

Issue "+++" to return to the AT command parser if sending commands via the serial port (not needed if using the USB port).

Send the following commands:

```
AT$BRIDGECREATE=1                    (delete Bridge 1)

AT$ENDPOINT=1                        (delete Endpoint 1)

AT$ENDPOINT=2                        (delete Endpoint 2)
```