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<u>MOBILE-TERMINATED (e.g. Remote Management) SCENARIO</u>

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

<u>Send the following commands to the modem over the serial or USB port</u>

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

AT$ENDPOINT=Y,T,P   (TCP server endpoint)

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

<u>Key</u>

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)
U – UART Number (1)
B – Baud Rate (1200-921600)

<u>Example</u>

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

AT$ENDPOINT=1,1,23   (TCP server endpoint using port 23)

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

Connect remote device (e.g. Cisco console port) to modem's serial port.

<u>Using a terminal application</u>

Open a TCP session in the role of client on port 23 (Telnet) using the modem SIM's IP address xxx.xxx.xxx.xxx

Your session is now connected virtually to the device's console port.

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)
```