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## Macintosh Portable Data Modem: Using with Dial-Back Systems

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TOPIC -----

I want to use the Macintosh Portable with internal modem to dial into a corporate office network. We have a "dial-back" security system called Defender that requires the modem to answer the "callback" from the corporate network in "originate" mode.

Can this be done?

DISCUSSION -----

The Macintosh Portable Data Modem 2400 doesn't have an option for answering in originate mode, but it can be tricked into doing this. It won't be quite as convenient as setting up a single register, though, and you may want to use a script to automate it, depending on the communications program you are using.

Scenario

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Because the goal is to make the modem answer in originate mode, and the modem doesn't have this option, we're going to dial in originate mode, instead and just not dial a number. The trick is to set the modem options to disable Dial Tone detection. If this isn't done, the modem will wait for a dial tone when the other end is sending a carrier.

Follow these steps:

1) Set the modem's active response codes with: ATX3

(Enables OK, RING, NO CARRIER, ERROR, BUSY, and CONNECT messages, but disables dial tone detection which would prevent this from working.)

2) Dial the host and do the necessary steps to generate a callback.

3) Wait for Macintosh Portable modem to generate RING.

4) Immediately force the modem off-hook with: ATD

(The Macintosh Portable modem should wait for carrier and negotiate with the host's modem for a connection.)

5) When the CONNECT message appears, the modems will be talking.

This could easily be put into a communications program script, simplifying the process.

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