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System	Software
UltraMail (Flash)	All

**Title:** Procedure for Remote Connection to Admin Program with Flash-Based (FMS) UltraMail PCBs

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When connecting an external modem to the serial port of the flash-based (FMS) UltraMail PCB, P/Ns 17712 and 17714, for Admin remote programming, use the following procedure.

**Part 1: Set up a New Dial-Up Connection on the office PC that you will use to remotely program Ultramail.**

1. Make a copy of your existing UltraMail dial-up connection.  
Windows 2000:  
Click *Start + Settings + Network and Dial-up Connections*.  
Right click the existing UltraMail connection + Click *Create Copy*.  
Windows XP:  
Click *Start + Connect to*.  
Right click the existing UltraMail connection + Click *Create Copy*.
2. For the new (copy) dial-up connection, enable the "Show Terminal Window" option.  
Windows 2000:  
Click *Start + Settings + Network and Dial-up Connections*.  
Right click the Copy of UltraMail connection + Click *Properties*.  
Click *Configure* + Select "Show terminal window" + *OK* + *OK* to exit.  
Windows XP:  
Click *Start + Connect to*.  
Right click the Copy of UltraMail connection + Click *Properties*.  
Click *Configure* + Select "Show terminal window" + *OK* + *OK* to exit.
3. On the office PC, open a HyperTerminal session on the same serial (COM) port used for the direct UltraMail connection at 38400, 8, N, 1.
4. Plug a V.90 compliant modem into that serial port using a compatible straight-through cable.
5. In HyperTerminal, type **AT&F + Enter** to initialize the office modem. (You should see *OK* on your office PC screen.)
6. Close the HyperTerminal session but leave the modem connected and powered-up.

7. In the *Phone and Modem Options Control Panel*, make sure your direct connection is set to 38400.  
Windows 2000:  
Click *Start + Settings + Control Panel* + Double-click *Phone and Modem Options*.  
Click the *Modems* tab + Click *Communications cable between two computers (COM1)* +  
Right click + Click *Properties*.  
Under the General Tab, be sure Maximum Port Speed is set to 38400.  
Windows XP:  
Click *Start + Control Panel* + Double-click *Phone and Modem Options*.  
Click the *Modems* tab + Click *Communications cable between two computers (COM1)* +  
Right click + Click *Properties*.  
Under the *Modems* Tab, be sure *Maximum Port Speed* is set to 38400.

## **Part 2: Initialize and Set Up the Remote Modem and the Installation Site**

1. At a PC close to the site's UltraMail PC, open a HyperTerminal session on an available serial (COM) port at 38400, 8, N, 1.
2. Plug the V.90 compliant modem you intend to use at the site into the serial using a compatible straight-through cable.
3. In HyperTerminal, type **AT&F + Enter** to initialize the modem. (You should see *OK* on your PC screen.)
4. In HyperTerminal, type **ATE0Q1S0=1&W + Enter** to set up the modem.
5. Be sure the UltraMail PCB is running and jumper J5 is on pins 1 and 2.
6. Without turning off the modem, follow the instructions in the UltraMail Quick Setup Guide (P/N 17710QSET\*\*) and connect the modem to the UltraMail PCB serial port.

## **Part 3: Call the Remote Modem and Start the Admin Program**

1. At the office PC, be sure the modem you initialized in Part 1 above is connected to the serial (COM) port set up for the UltraMail direct connection.
2. At the office PC, start up the Copy of UltraMail connection.  
Windows 2000:  
Click *Start + Settings + Network and Dial-up Connections + Copy of UltraMail*.  
Windows XP:  
Click *Start + Connect to + Copy of UltraMail*
3. For User Name, enter **UltraMail**. For password, enter **ctl** (lower case). You can optionally save the password for future sessions.
4. Click *Connect*.
5. When you see the Pre-Dial Terminal Screen, click its title bar to activate it (i.e., bring it to the front).
6. Type **ATDT** + The remote modem's telephone number + Enter.
7. When the modem connects and you see the *CONNECT* message, click *Continue* in the Pre-Dial Terminal Screen.
8. After UltraMail validates the connection, the communications link between the office PC and the remote UltraMail will be set up.
9. Double-click the UltraMail icon on your desktop to start the Admin Program. (Be sure to select "Use serial link", just as you would for a direct connection.)

## **Part 4: Ending the Admin Programming session .**

1. Click *File + Close* to exit the Admin program.
2. Disconnect the remote connection.  
Windows 2000:  
Click *Start + Settings + Network and Dial-up Connections + Right click Copy of UltraMail + Click Disconnect*.  
Windows XP:  
Click *Start + Connect to + Right click Copy of UltraMail + Click Disconnect*.