# Configuring a COM-IP on an Elite alarm panel

## Application note: APP004

## 1. History

| Date | Revision | Author | Notes |
|---|---|---|---|
| 10 May 2016 | A | Stuart Richards | Initial version for comments. |
| 20 Dec 2016 | B | Stuart Richards | Added some steps and UDL passcode details. |
| 23 Jan 2017 | C | Stuart Richards | Typo fixed. |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## 2. Keywords

| Montex | Premier Elite | Alarm reporting | Wintex | COM-IP |
|---|---|---|---|---|
| Connect |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Contact: srichards@texe.com if you have any corrections/suggestions/questions |  |  |  |  |

## 3. Scope

This document details how to configure basic IP signalling with the Contact ID protocol on a Premier Elite control panel.

The example uses V4 Elite firmware, but the options and details are applicable to other firmware versions.

## 4. Referenced Documents

None

# Contents

## 5. Hardware and software needed
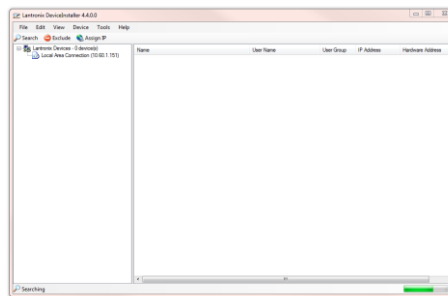
**The following hardware will be needed:**

USB-Com:



COM-IP module:



**The following software will be needed:**

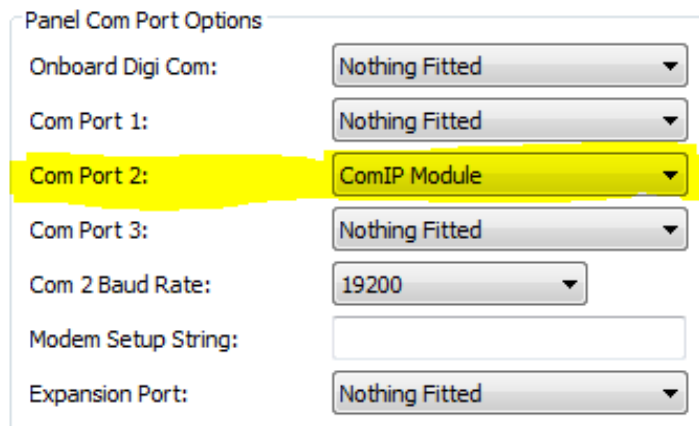Lantronix Device Installer:



Wintex:

## 6. Configuring the panel with Wintex

1. Connect the USB-Com to the panel. (In this example COM 1 is used)
2. Connect the COM-IP to the local network and to one of the COM ports of the panel. (In this example COM 2 is used), connect the COM-IP to a router using an Ethernet cable.
3. Run the Lantronix Device Installer on a PC connected to the same local network and wait for it to discover the COM-IP (click the *search* button if nothing found within a few seconds). Make a note of the IP addresses of the COM-IP and the PC. (PC's IP address is shown as *Local Area Connection* on the left hand side.)
4. Run Wintex, connect to the panel and read the configuration.
5. Select the *comms* option on the left and the *Communication Options* dialog should open, select the "*Radio-Pad and Com Port Options*" tab.
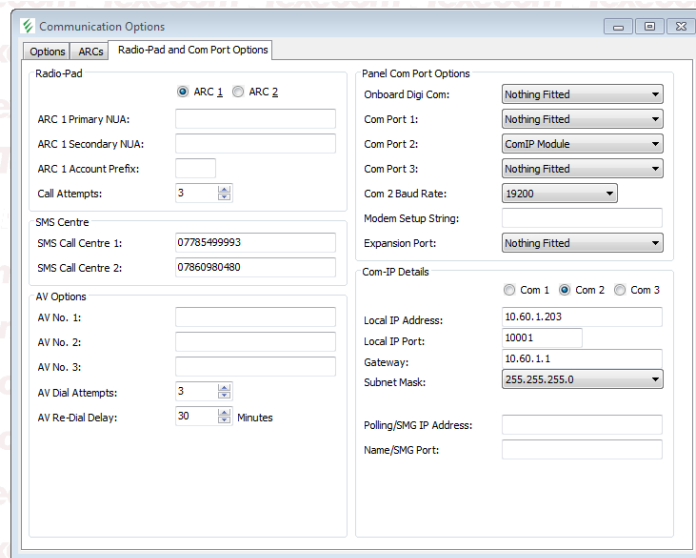
6.



7. Most of the configurations can be left as default. However, the Com port with the COM-IP connected should be changed to have *COM-IP Module* as the port option:

8.

9.

10. In Com-IP details select the com port (COM 2 in this case) and fill in the Local IP address for the COM-IP which was obtained from the Lantronix device installer (10.60.1.203 in this case). The port should also be filled in (10001 is the default). The gateway should also be filled in (this can be obtained from the setup PC using a DOS command prompt and *ipconfig*.)



11.

12. On the Options tab, ensure "Enable Communicator" is selected.

13. Also ensure that a UDL Passcode is filled in. This is typically the same as the Engineers code.

14. Everything else can be left as default.
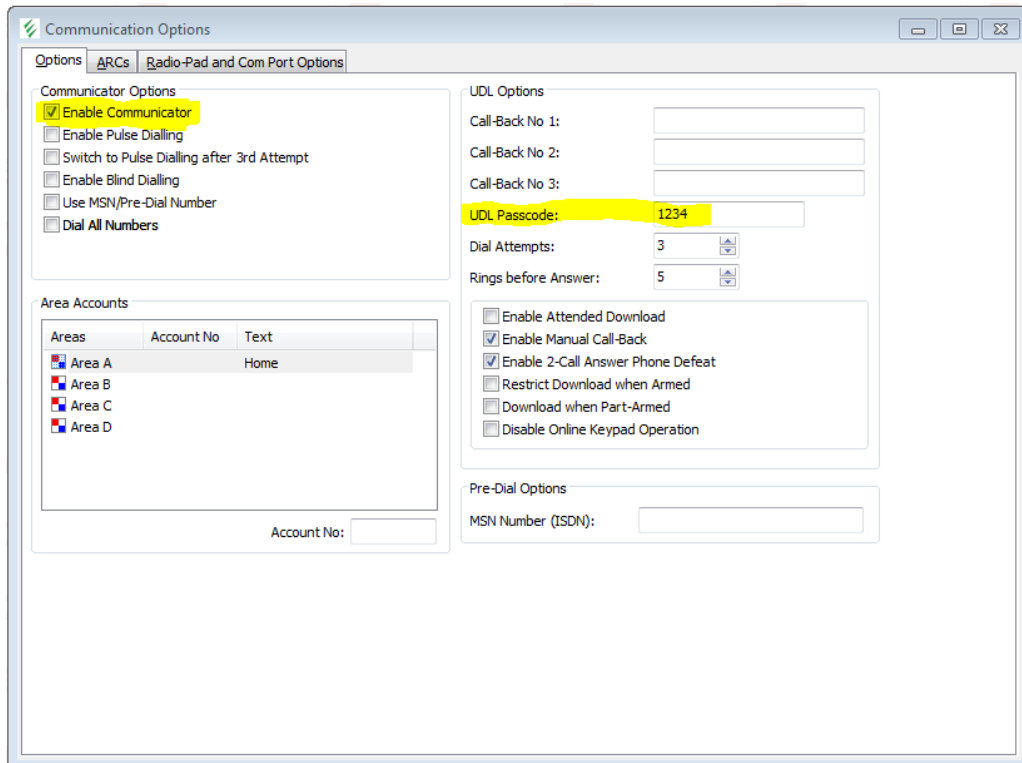


15. *Send* the configuration to the panel and *Hang Up* the connection.
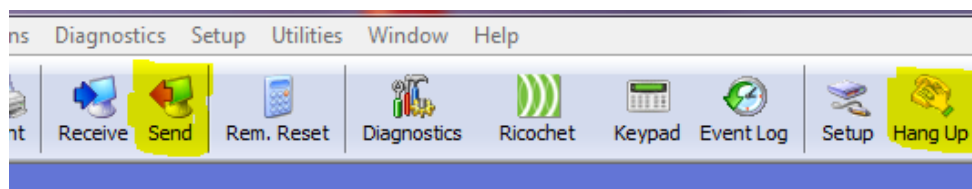
## 7. Testing the COM-IP with Wintex

1. Select "Edit Account" in Wintex and in the dialog that opens select the "Panel Details" tab.
2. The IP address from the COM-IP (see step 3 above) should be put into the "Host Address" box and the port put into the "Host Port" box (192.168.001.097 and 10001 here)
3. Ensure that the UDL Password entered is the same as the one put into the panel in Part 6 step 13
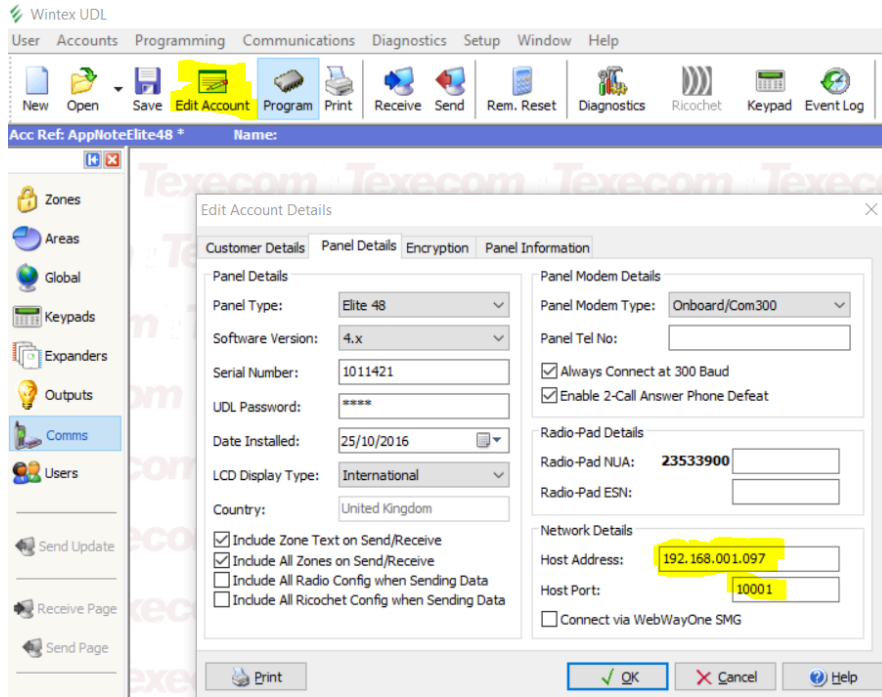


4. Click OK to save the information.

5. Click on the "Connect" icon and select "Connect via Network"
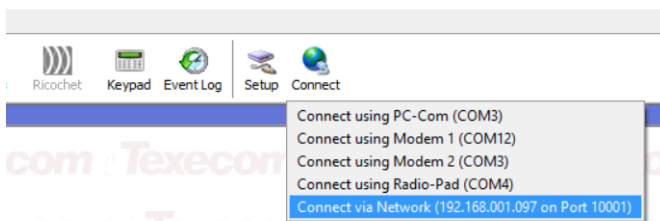


6. After a few seconds the text in the bottom left of the window should change to "Status: Online Ready"
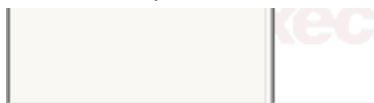


7. Status: Online Ready
8. If it doesn't say "online ready" or an error appears, reset the com port as detailed in section 8 below.
9. If it works, the COM-IP has been successfully configured. Congratulations.

## 8. COM-IP does not seem to be working correctly?

If the COM-IP does not seem to be working correctly or not responding, it may need resetting. This can be done from the keypad.

| Step | Key(s) to press | Expected display on LCD | Note |
|------|-----------------|-------------------------|------|
| 1 | 1, 2, 3, 4 | "YES to select:- Zone Setup" | Engineers code (1234 is default) |
| 2 | 7, YES | "UDL/Digi Options Reset Digi" | The YES button is a tick on some keypads |
| 3 | 8 | "UDL/Digi Options Com Port Setup" | |
| 4 | YES | "Onboard Digicom Com300 Module" | |
| 5 | 3 | "Com Port 2 ComIP Module" | To access Com Port 2 use the "2" key instead of the "3" key. |
| 6 | 0 | Random characters | This shows the actual data sent between the panel and the COM-IP. It will change occasionally. The important information is the 2 digit number in the bottom right hand corner. |
| 7 | RESET | Random characters | The RESET button is shown as an unfinished circle with an arrow on some keypads, it's the top right hand button.<br><br>This can take 1 or 2 minutes to complete. Check the number in the bottom right hand corner, it should change 00->01->90 etc. When it has finished the number should be 21.<br>The com port is now reset and should work as expected. |
| 8 | MENU, MENU, MENU, MENU, 0, YES | Date and time | The MENU button is shown as a sheet with lines on some panels, it's the bottom right hand button.<br><br>Exits the engineer mode. |

# 9. Notes

- The Lantronix Device Installer program is a free download from the Lantronix website:
  http://www.lantronix.com/products/deviceinstaller/