

# mIP-UD and IPDACT-UD

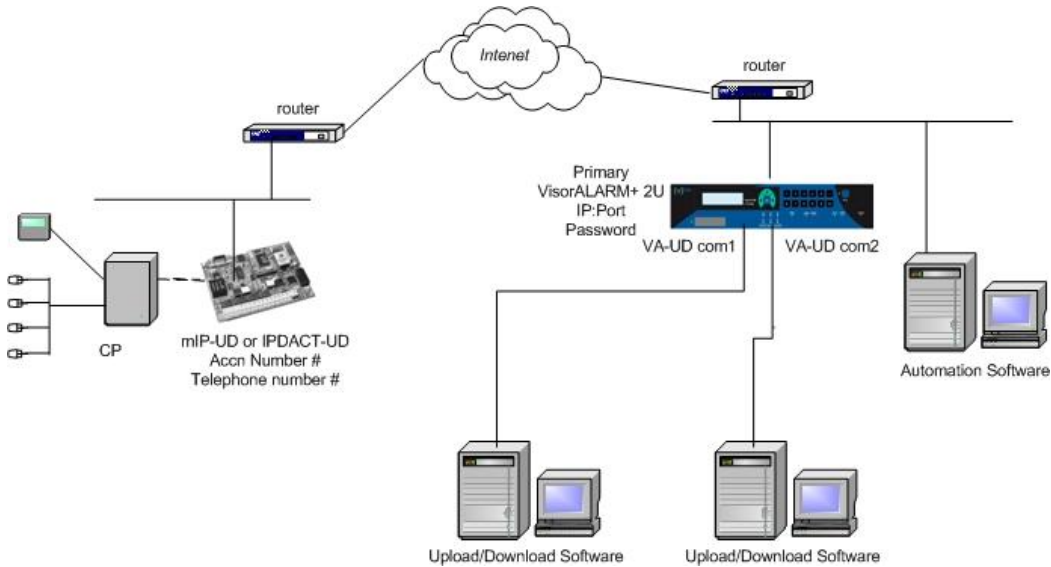
*System setup for  
Uploading/Downloading*

*March, 2007*

## System diagram

The system is composed by two workstations running Upload/Download software and connected through a Serial Port to a VisorALARM+ 2U receiver (VA-UD com1 and VA-UD com2) by means of the supplied Micro DB9 to DB9 cables. The VisorALARM is connected to Internet as usual.

In the client side a mIP-UD or IPDACT-UD device is connected to a Control Panel.



The VisorALARM emulates a modem in such a way that it responds to the AT commands that sends the Upload/Download Software in order to establish a call with the Control Panel.

The mIP/IPDACT-UD board has a built in V32 modem capable to establish a call with the Control Panel through the TO-AP interface.

When a call is requested the VisorALARM sends an order to the mIP/IPDACT device to establish the call with the Control Panel, then if the Control Panel accepts the call, the modems starts the negotiation and if it finish successfully a data call is established.

From this moment exchanged data between Control Panel and MIP/IPDACT are relayed through Internet to the VisorALARM receiver that sends/receives the data to/from the Upload/Download software through the Serial Port.

## VisorALARM setup

In order to interface with the Upload/Download software the VA-UD com ports of the VisorALARM+ 2U receiver must be programmed with the suitable serial port speed.

Use the Global Parameters tab of the VisorALARM Manager application to setup the VA-UD com ports speed.

When you have selected the suitable port speed (see Table 1) press “Update” and select to Restart the receiver for the change to take effect.

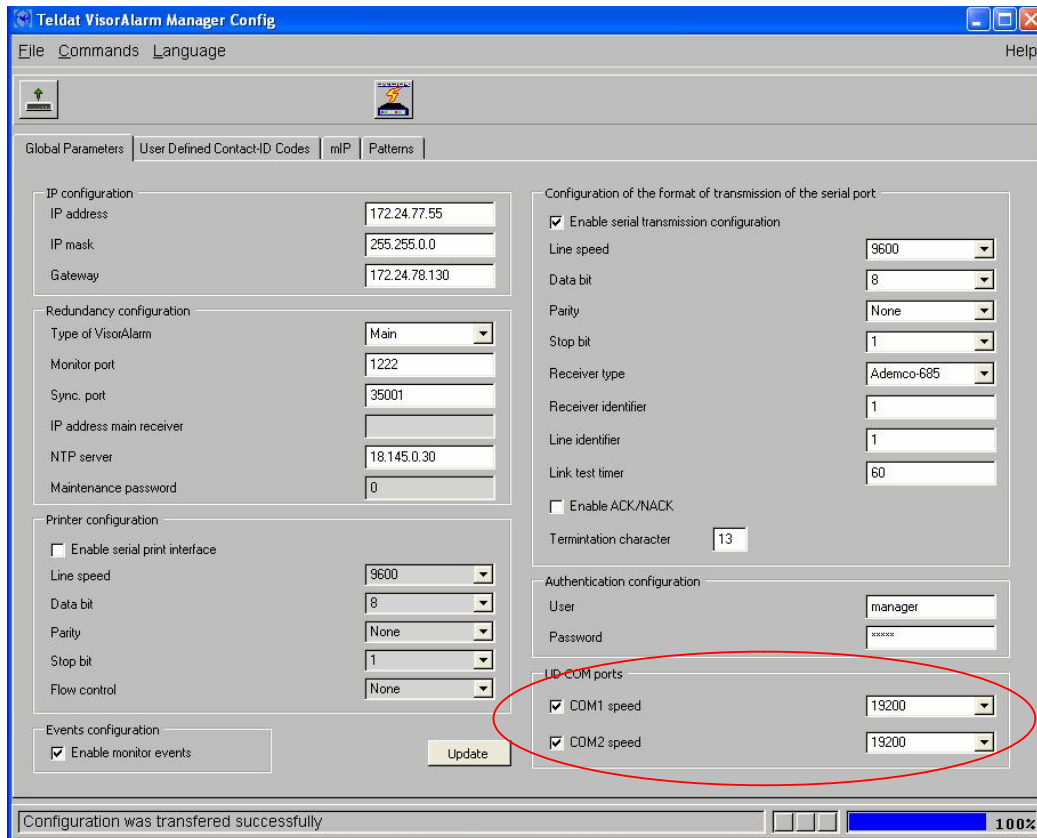


Figure 1.- VisorALARM Manager Global Parameters tab

To link a Control Panel Phone Number with a mIP/IDPACT device you must configure the number that the Upload/Download software will dial to communicate with the Control Panel for the associated mIP/IDPACT device

This number is configured in the mIP tab of the VisorALARM Manager application as it can be seen in the Figure 2 and it is named “Subscriber Telephone”.

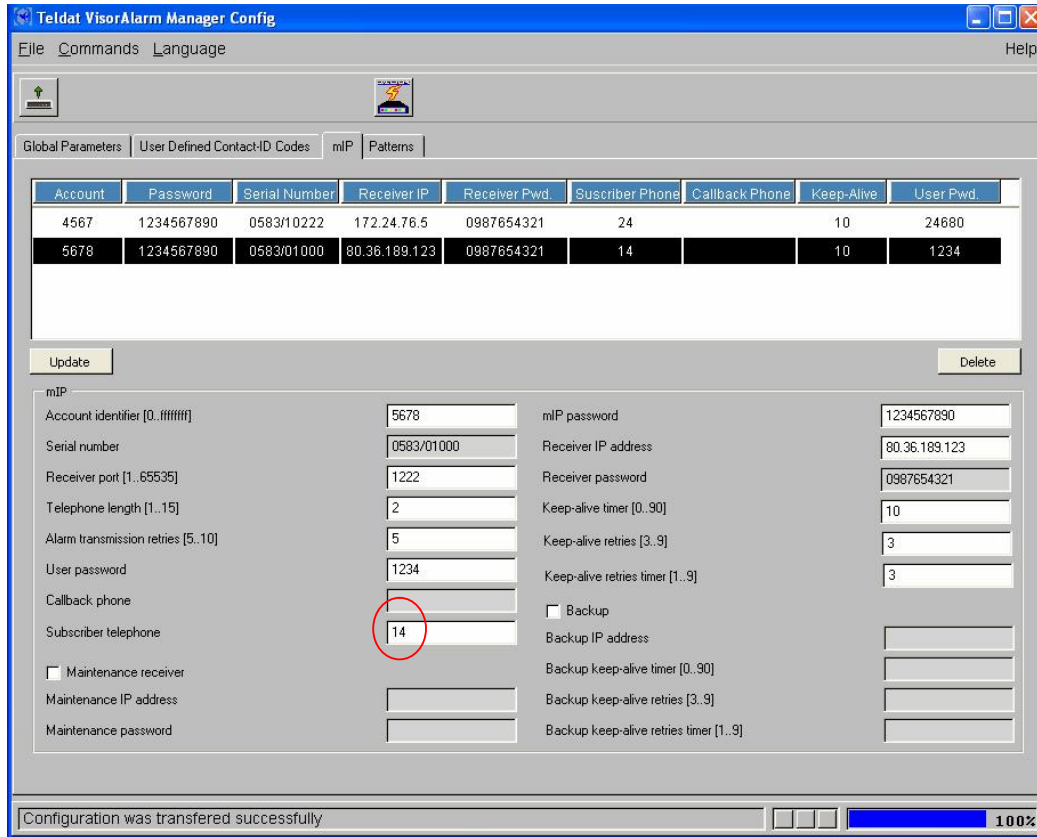


Figure 2.- Programming the Phone Number of the Control Panel

Select the mIP/IPDACT device that you wish to configure, then fill in the “Subscriber telephone” box and then press “Update”. When it finish the mIP/IPDCT is ready to receive Upload/Download IP calls.

## Modem AT initialization strings

Usually, it is necessary to program the Upload/Download software with a specific set of AT Initialization Strings to be used with VisorALARM receivers. The Table 1 shows the initialization strings for the supported Control Panels.

Software	AT Initialization strings	Serial Port Speed
PK-PLUS 9200UD, 9600	<b>Initialization String:</b> &F;L1;F0;M1;E0;S7=255 <b>Hang-Up String:</b> H0	19200
WinLoad Digiplex, Spectra...	<b>Initialization String 1:</b> Z0Q0E0V1S9=1&C0 <b>Initialization String 2:</b> F1B1S7=255S10=255T <b>Initialization String 3:</b> S13=1S17=0	300
Compass Vista	<b>Initialization String 1:</b> VEQ <b>Initialization String 2:</b> V1F1 <b>Initialization String 3:</b> S7=110S10=119&C1&D2&QX <b>Initialization String 4:</b> S13=3S15=5S17=1S19=8 <b>Reset String:</b> Z	300
DL900 NetworX	<b>Initialization String1:</b> Q0E0V1S19=1 <b>Initialization String2:</b> F1S7=255S10=255TS17=0	300

Table 1.- Initialization modem strings for supported Upload/Download software