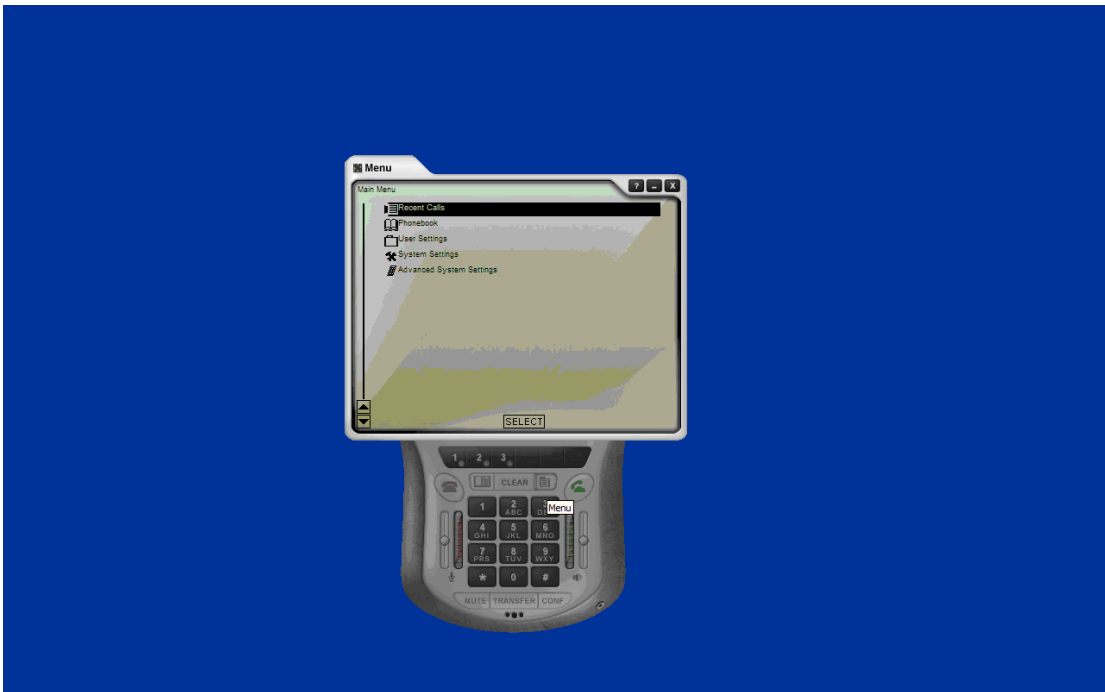




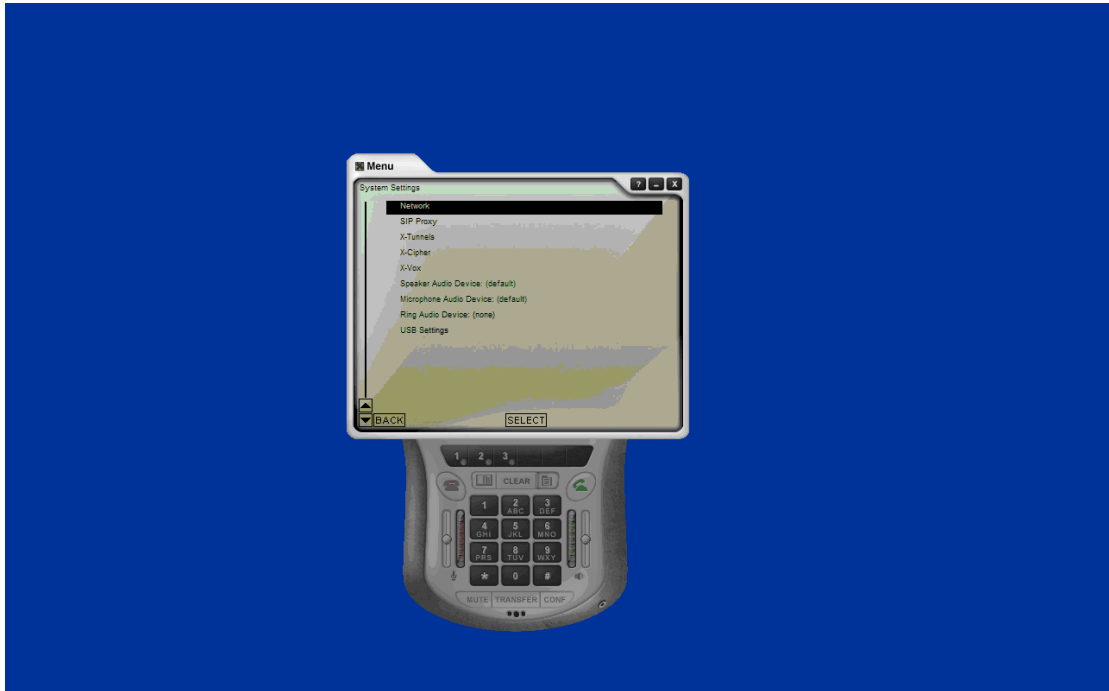
## Basic Xten Pro Configuration

1. Download and install Xten Lite.
2. Launch the Xten Lite client; click the "Menu" option just above the number "3" digit on the Xten keypad.



3. Double click on the "System Settings" option or highlight and click "Select"

4. From the Settings menu you must configure the "Network" and "SIP Proxy" options.



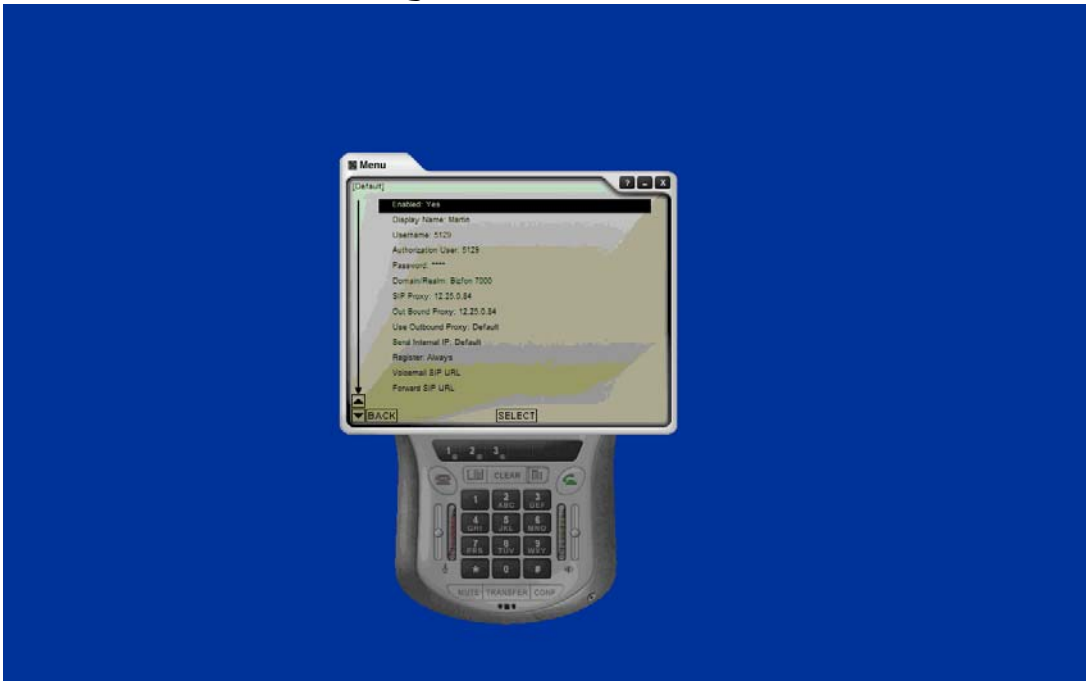
5. Double click on "Network" option and provide the following information.



Auto Detect IP: Yes  
Listen on IP: IP Address of your PC  
Listen SIP Port: 5060  
Listen RTP Port: 2088  
NAT Firewall IP: Add IP of Firewall (if connecting from wan)  
Out Bound SIP Proxy: WAN or LAN IP of Bizfon 7000

6. When finished click the "Back" button and then double click "SIP Proxy" then double click "default".

## 7. Enter the following information



Enabled: Yes

User Name: Must configure "SIP Handset" assigned User ID of SIP Handset. example 5101

Authorization User: Must Assign "SIP Handset" to "User" created SIP Handset Login ID

Password: Password of "User" created and assigned "SIP Handset"

Domain/Realm: This must be provided. Name it anything

SIP Proxy: WAN or LAN IP Address of Bizfon Server

Out Bound Proxy: WAN or LAN IP Address of Bizfon Server

Register: Always

8. Click the "Back" button (3) times to get back to the "Main Menu". This will force the Xten Lite to "Register" with the Bizfon 7000 Server.



9. You must create a User and a SIP Handset on the Bizfon 7000 Server to obtain the information needed to configure the Xten Lite.

#### 10. Adding a User.

1. Log into the Bizfon 7000 Web Admin Interface and go to Business>Users>Add New User
2. Provide the information, select the appropriate options and write down the Login Name, Password and Phone Extension (extension 100 - 198 can be assigned).

## 11. Adding a SIP Handset.

1. Log into the Bizfon 70000 Web Admin Interface and go to Phone System>Handsets>New SIP Handset

2. Provide the following information and write it down

Owner: Assign to "User" just created  
Extension: Choose and Extension (200 - 299)  
SIP Phone Radio Button  
Model: Generic SIP  
Phone Must Authenticate (register) Radio Button  
Login ID: User Login Name  
Password: User Password

12. Once configured, the Xten can register with the Bizfon 7000 over the WAN/LAN or via a PPTP VPN connection. Verify you can take and place calls from the Xten client and have registered successfully.

13. If you have problems use the Xten Menu>Advanced System Settings>Diagnostic>Diagnostic Log and make sure the Xten Lite has Registered successfully with the Server

### Example Registration

```
END >> 192.168.100.200:5060
REGISTER sip: Bizfon SIP/2.0
Via: SIP/2.0/UDP
192.168.100.86:33970;rport;branch=z9hG4bK48934971CDC04F97AA558417554DB620
From: scollins <sip:5101@Bizfon>
To: scollins <sip:5101@Bizfon>
Contact: "scollins" <sip:5101@192.168.100.86:33970>
Call-ID: 678E48D07C2D43F2AFEF1F5C881BA857@Bizfon
CSeq: 64749 REGISTER
Expires: 1800
Max-Forwards: 70
User-Agent: X-PRO build 1101
Content-Length: 0

RECEIVE << 192.168.100.200:5060
SIP/2.0 407 Proxy Authentication Required
To: scollins <sip:5101@Bizfon>;tag=10014-40b3-ace
From: scollins <sip:5101@Bizfon>
Via: SIP/2.0/UDP
192.168.100.86:33970;rport;branch=z9hG4bK48934971CDC04F97AA558417554DB620
CSeq: 64749 REGISTER
Call-ID: 678E48D07C2D43F2AFEF1F5C881BA857@Bizfon
Max-Forwards: 70
Date: FRI, 19 NOV 2004 18:51:31 GMT
Contact: sip:5101@192.168.100.200:5060
Server: IST-OIS-5.0.0.18
Proxy-Authenticate: Digest realm="Bizfon.inscitek.com", qop="auth", algorithm=MD5,
opaque="YWxsd29yeC5pbmNjaXRlay5jb20=", nonce="OTA4ODU4OjEyMzRBQkNERUY="
Content-Length: 0

SEND >> 192.168.100.200:5060
REGISTER sip: Bizfon SIP/2.0
```

Via: SIP/2.0/UDP  
192.168.100.86:33970;rport;branch=z9hG4bK2D98FF9FC69345CA97E8BE1E84E97986  
From: scollins <sip:5101@Bizfon>  
To: scollins <sip:5101@Bizfon>  
Contact: "scollins" <sip:5101@192.168.100.86:33970>  
Call-ID: 678E48D07C2D43F2AFEF1F5C881BA857@Bizfon  
CSeq: 64750 REGISTER  
Expires: 1800  
Proxy-Authorization: Digest  
username="scollins",realm="Bizfon.inscitek.com",nonce="OTA4ODU4OjEyMzRBQkNERUY=",response="4c656f43c9283e8584a62652014b9838",uri="sip:Bizfon",algorithm=MD5,opaque="YWxsd29yeC5pbmNjaXRlay5jb20=",qop=auth,cnonce="6D60DE0652C9446F85566E4DB675B691",nc=00000008  
Max-Forwards: 70  
User-Agent: X-PRO build 1101  
Content-Length: 0

RECEIVE << 192.168.100.200:5060  
SIP/2.0 200 Ok  
To: scollins <sip:5101@Bizfon>;tag=10014-40b3-ace  
From: scollins <sip:5101@Bizfon>  
Via: SIP/2.0/UDP  
192.168.100.86:33970;rport;branch=z9hG4bK2D98FF9FC69345CA97E8BE1E84E97986  
CSeq: 64750 REGISTER  
Call-ID: 678E48D07C2D43F2AFEF1F5C881BA857@Bizfon  
Max-Forwards: 70  
Date: FRI, 19 NOV 2004 18:51:31 GMT  
Contact: "scollins" <sip:5101@192.168.100.86:33970>;expires=1800  
Server: IST-OIS-5.0.0.18  
Expires: 1800  
Content-Length: 0

RECEIVE << 192.168.100.200:5060  
NOTIFY sip:5101@192.168.100.86:33970 SIP/2.0  
To: "Xten Phone" <sip:5101@192.168.100.86:33970>  
From: "Xten Phone" <sip:5101@192.168.100.200:5060>;tag=10014-40b5-acf  
Via: SIP/2.0/UDP 192.168.100.200:5060;branch=z9hG4bK-9e40b5-ad1  
CSeq: 11682 NOTIFY  
Call-ID: allce-10014-419e40b5-ad0@192.168.100.200  
Max-Forwards: 70  
Date: FRI, 19 NOV 2004 18:51:33 GMT  
Contact: <sip:404@192.168.100.200:5060>  
User-Agent: IST-OIS-5.0.0.18  
Event: message-summary  
Content-Type: application/simple-message-summary  
Content-Length: 38

Messages-Waiting: no  
Voicemail: 0/0

SEND >> 192.168.100.200:5060  
SIP/2.0 200 Ok  
Via: SIP/2.0/UDP 192.168.100.200:5060;branch=z9hG4bK-9e40b5-ad1  
From: "Xten Phone" <sip:5101@192.168.100.200>;tag=10014-40b5-acf  
To: "Xten Phone" <sip:5101@192.168.100.86>;tag=697847630  
Contact: <sip:5101@192.168.100.86:33970>  
Call-ID: allce-10014-419e40b5-ad0@192.168.100.200  
CSeq: 11682 NOTIFY  
Server: X-PRO build 1101  
Content-Length: 0