

## Quick Start Guide ITG 400 – 4-FXO port Gateway



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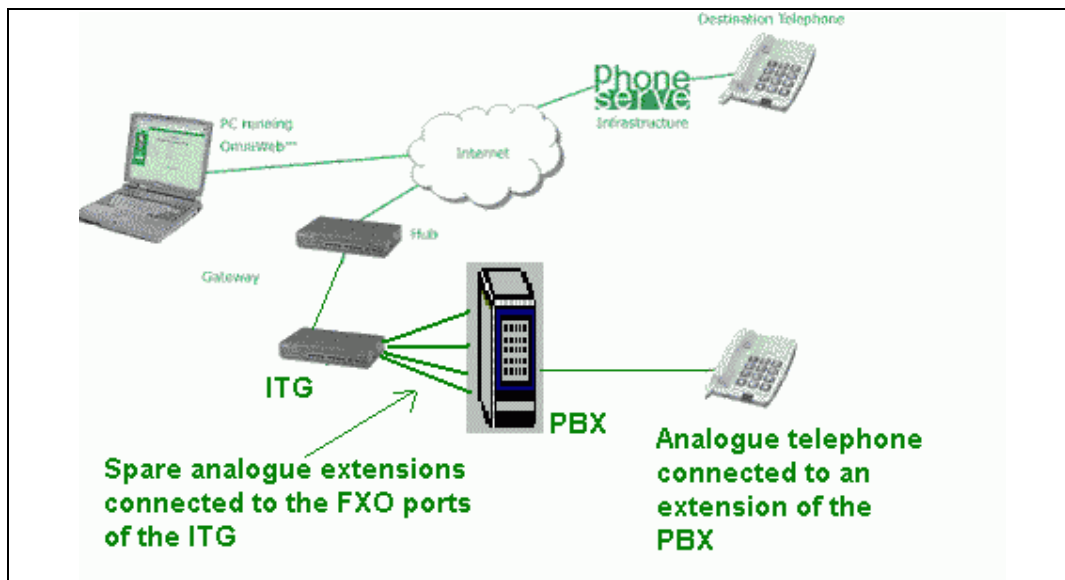
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## Before You Begin...

Verify that you have the following:

- **ITG (4 FXO ports) and Power Supply.**
- **A network (LAN/Ethernet) cable** to connect the ITG to the Internet. (This cable is usually provided as part of the ITG package.)
- **Up to 4 spare analogue extensions in your PBX**
- **IP Network details** (if you are not using DHCP - IP address, subnet mask, IP gateway address, DNS server details)
- **PC** and a serial port and the supplied console cable.
- **Phoneserve literature** including:
  - **Phoneserve Omni Quick Install Guide** (this document)
  - **Phoneserve Omni Account Details** (available from your Account Manager or Distributor)
  - **Phoneserve Omni user instructions** (available your Account Manager or Distributor)

**Figure 1. Setting up the ITG on an existing LAN**



## Cabling the ITG

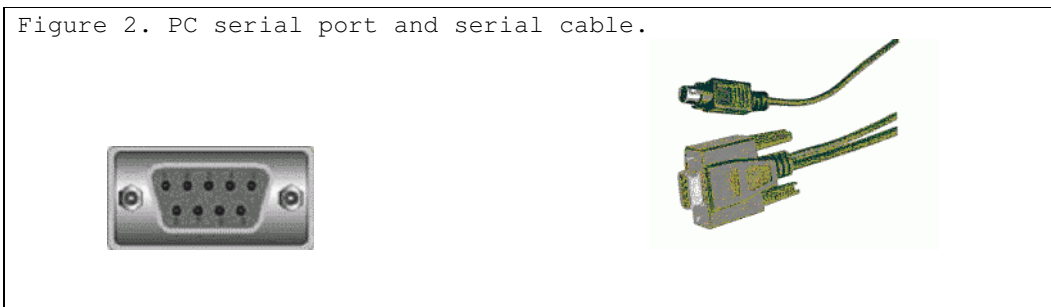
Connect the ETHERNET cable to LAN port on the gateway.

Connect up to 4 analogue extensions from your PBX to the PHONES ports starting with FX0 port 0.

Connect the power supply to the ITG.

Using the supplied console cable, connect the to the 'console' port on the ITG. Connect the other end to the serial port of a PC.

Figure 2. PC serial port and serial cable.



## Configuring the ITG software

### a. How to start

The easiest and most reliable way to configure the ITG is through the console interface. Please follow the configuration instructions below:

Go to your pc and launch HyperTerminal® (by going to Start\Programs\Accessories\Communications\Hyper Terminal) or similar software.

When you use the HyperTerminal® software for the first time, you will be asked to enter a Name and select an icon. This option allows you to save your settings for the device you are configuring.

**(For example:** Enter ITG in the name field and select your preferred icon. Next time you logon to your ITG you can click directly on that saved icon to get to the ITG console, without having to enter your telephone details and COM port details.)



You will be asked to enter your country of residence, local area telephone code and Which COM port to use. You need to select COM Port to which the console cable is connected and click ok.

Now connect using the following parameters:

```
Connect using: COM1 (select correct serial port)
Bits per second: 19200
Data bits: 8
Parity: none
Stop bits: 1
Flow Control: none
```

Click on OK to open the console screen and press enter. When the device is ready to start the configuration, it will display:

**"Console>"** (If the console window is blank, enter the default Password (123) to log on);

You may be asked to enter a user name and password to log on to the gateway; the default values must be entered in lower case and are:

```
User name      eitg
Password      123
```

### ***Configuration USING DHCP***

Before you start, ensure that previous configurations are removed. To do that type the following in the Console screen of the HyperTerminal®:

**config erase**

and **press enter**

You will be asked to confirm, type in **y** to agree and press enter

Copy and paste the entire text in the box below into notepad and replace the information written in **bold** to match your configuration details:

```
net set dhcp

set port 0 fxo caller_id on
set port 1 fxo caller_id on
set port 2 fxo caller_id on
set port 3 fxo caller_id on
set port 0 fxo enable_user_cid on
set port 1 fxo enable_user_cid on
set port 2 fxo enable_user_cid on
set port 3 fxo enable_user_cid on

set port 0 cid number enter your first child account number and PIN here
set port 1 cid number enter your second child account number and PIN here
set port 2 cid number enter your third child account number and PIN here
set port 3 cid number enter your fourth child account number and PIN here

atpm req
atpm purge all
atpm aadd . 0 16 20 0
atpm hadd 20 2 20
atpm dadd 20 dns itg.phoneserve.com/5060
atpm done
atpm store
config activate
config store
net reset y
```

The configuration will start automatically. If not, please press enter to start it.

When the configuration is complete, you will be prompted to enter password.

When you have updated the template copy the information and paste it into the Hyper Terminal console by clicking on Edit and select Paste to host from the task bar.

### **Configuration NOT USING DHCP (Manual Input)**

You will need to enter your **IP address**, the **subnet mask** and the **internal IP address of your gateway**. To find this information go to **Start, Run** and type in **command** and click on **ok** to open the black Dos Prompt window. Now type in **ipconfig** and press **enter** to display the details.

Before you start to enter the new information, ensure that previous configurations are removed. To do that type the following in the Console screen of the HyperTerminal®:

## config erase

and press **enter**

You will be asked to confirm, type in y to agree and press enter

Copy and paste the entire text in the box below into notepad and replace the information written in **bold** to match your configuration details:

```
net set dhcp off

net set ip enter your IP address here
net set mask enter your sub net mask here
net set gateway enter the IP address of your internal gateway here

set port 0 fxo caller_id on
set port 1 fxo caller_id on
set port 2 fxo caller_id on
set port 3 fxo caller_id on
set port 0 fxo enable_user_cid on
set port 1 fxo enable_user_cid on
set port 2 fxo enable_user_cid on
set port 3 fxo enable_user_cid on

set port 0 cid number enter your first child account number and PIN here
set port 1 cid number enter your second child account number and PIN here
set port 2 cid number enter your third child account number and PIN here
set port 3 cid number enter your fourth child account number and PIN here

atpm req
atpm purge all
atpm aadd . 0 16 20 0
atpm hadd 20 2 20
atpm dadd 20 sip itg.phoneserve.com/5060
atpm done
atpm store
config activate
config store
net reset y
```

The configuration will start automatically. If not, please press enter to start it.

When the configuration is complete, you will be prompted to enter password.

When you have updated the template copy the information and paste it into the Hyper Terminal console by clicking on Edit and select Paste to host from the task bar.