Universal Plug&Play(UPnP)

Introduction

The UPnP protocol is intended to bring to network connected devices, the ease of installation and configuration which is already available for directly connected PC peripherals with the existing Windows 'Plug and Play' system.

For NAT routers, the major feature of UPnP on the Vigor2600 Series is "NAT Traversal". This enables applications inside the firewall to automatically open the ports they need to pass through a router. This is more reliable than requiring a router to work out by itself which ports need to be opened and without the user having to manually set up port mappings or a DMZ.

UPnP is available on Windows XP and the Vigor2600 series provides support for MSN Messenger, allowing full use of the voice, video and messaging features.
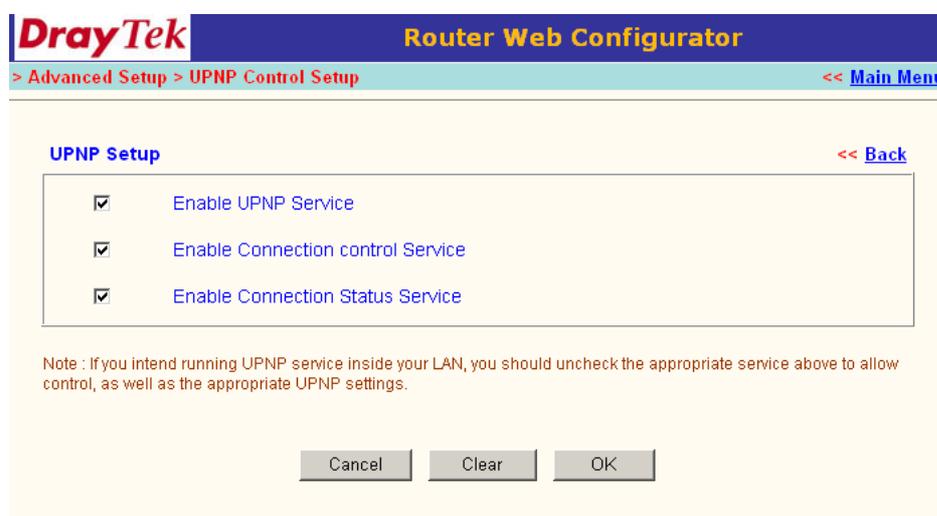

You can enter the **UPNP Setup** via **Advanced Setup > UPNP Control Setup** on **Router Web Configurator**.

Enable the **UPNP Service** and then you can enable the **Connection control Service** as well as **Connection Status Service**.

Click the **IP Broadband Connection on DrayTek Router** on Windows XP/ Network Connections. The connection status and control status will be able to be activited.
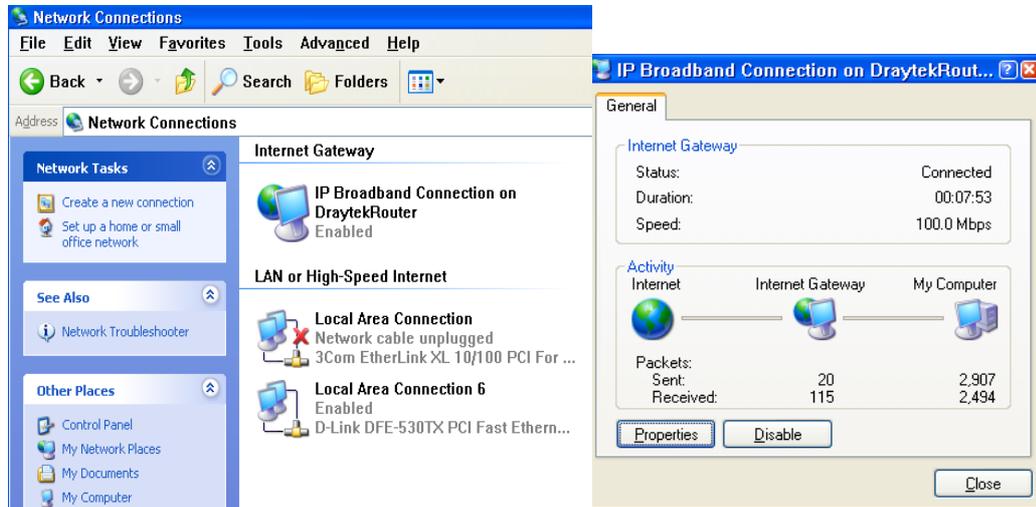
The NAT Traversal of UPnP enables the multimedia features of your applications to operate having to manually set up port mappings or use other similar methods. The screenshots below show examples of this facility:
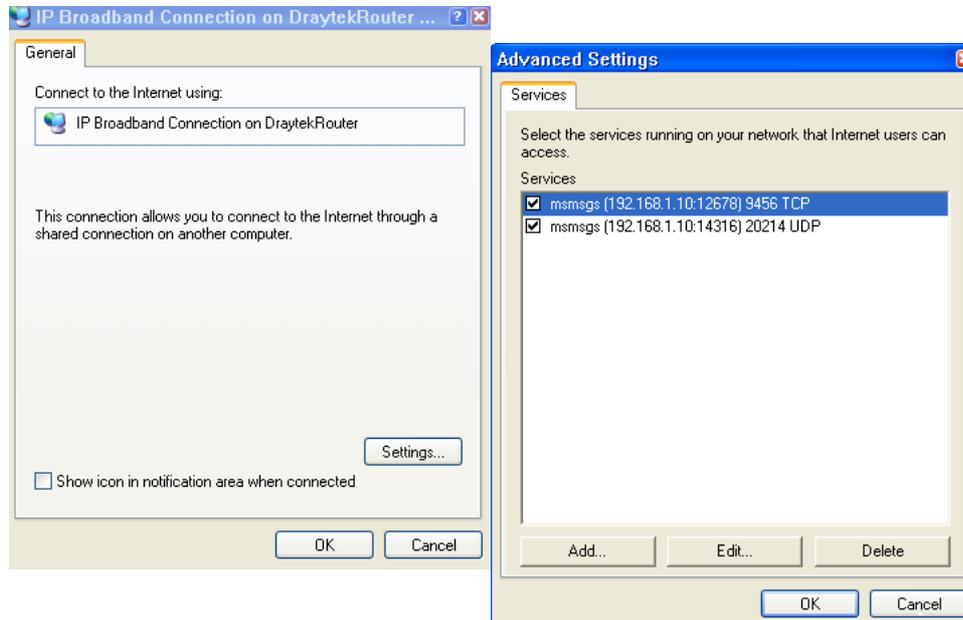
The UPnP facility on the Vigor2600 series enables UPnP aware applications such as MSN Messenger to discover that they are behind a NAT router, learn the external IP address and configure port mappings on the router to forward packets from the external ports of the router to the internal ports used by the application.