

**Internet Connection  
Sharing**

**Hertford TV**

**BlackRabbit  
Information  
Technology Ltd**

10 Phillips Road  
Aylesbury  
Buckinghamshire  
HP19 7FN

**Telephone**  
01296 392819

**Facsimile**  
08700 547582

**E-mail**  
[info@blackrabbit.co.uk](mailto:info@blackrabbit.co.uk)

**Internet**  
[www.blackrabbit.co.uk](http://www.blackrabbit.co.uk)



*because IT today is a  
whole new animal....*

**Summary**

Hertford TV is Hertfordshire's leading TV/Video and audio/visual repair and installation company. They provide maintenance services to the public at large and many blue-chip companies. Operating from Hertford, Hertfordshire they supply products and services nationwide.

**Business Requirement**

Hertford TV was finding that the medium of choice for the publication of service manuals, circuit diagrams and other proprietary technical data was the Internet. It was therefore imperative that these sources of information were available to all Hertford TV personnel; technicians and administrative staff. Enquiries with an Internet Service Provider to enable Internet access from all Hertford TV computer systems via a broadband (ADSL) connection proved to be very expensive as a payment was to be made for each individual PC which required access to the Internet. This increased the monthly cost prohibitively; however Hertford TV needed this service.

**Solution**

BlackRabbit were consulted and asked to advise on the situation and provide any cost efficient alternatives.

Leveraging the networking features of Microsoft Windows XP and the Network Address Translation technology, a single Internet connected PC was used along with a local area network connecting the remaining PC's. The Internet connected PC's connection was then "shared" as a "gateway" and all the other PC's in the workshops and offices had access to the Internet through the gateway.

**Benefits**

The ability to access the Internet from every PC has made all the technical information required immediately available to all staff when and where they need it.

The ability to share a single Internet connection has kept the monthly subscription to the ISP to a minimum and has in fact reduced the monthly outgoings by more than 62%.

By using technologies native to the Windows XP operating system, costs of additional software have been eliminated and support costs have been minimised. As a consequence, the "total cost of ownership" is as low as possible.

In summary, the broadband Internet Connection Sharing configuration at Hertford TV and reduced ongoing costs considerably and made business critical information and knowledge available to all staff wherever they may be working.