ADSL 3G Application Paper

Dual Internet Connectivity

Issue

Establish and share a reliable, continuous and transportable high-speed Internet connection using a choice of ADSL or 3G mobile broadband.

Solution

Create a secure and undisrupted ADSL, HSPA+ (21Mbps) and Wireless N Internet connection for multiple users from any location while sharing a suite of print and file sharing networking technologies.

Benefits:

- Connect using a choice of ADSL or 3G
- 3G speeds of up to 21Mbps
- Offers ADSL, HSPA+ (21Mbps) and Wireless N
- Select from wireless or wired connections
- Print and storage server
- Choose any 3G ISP on the market
- Auto failover from ADSL to 3G

As businesses become leaner, more is expected from mobile broadband networking technologies. Flexible, efficient and continuous business communication is essential for success, and for users who engage in Internet critical activities, a constant high-speed connection from any place without disruption is vital.

With a growing mobile workforce; a rise in temporary office setups and the need to connect at outdoor events, functions and conferences, the ability to select the best method of connection for the immediate circumstance is crucial. Whether the need is to connect to ADSL at home or in the office while switching to 3G when on the road; or to connect to 3G while renting an interim premises with a view to using an ADSL connection in time — giving multiple users the ability to connect using either of today's most popular connection methods offers vast benefits.

Particularly important for business continuity is the automatic failover feature which provides a constant and reliable connection to the Internet by automatically connecting to 3G should the ADSL connection fail. The Quad band 3G module offers the added flexibility of selecting from any 3G ISP on the market, allowing users to choose the most cost-effective or relevant provider for their level of use.

The NetComm 3G29WN Dual ADSL2+ / 3G Wireless N Gateway offers users the flexibility to select their preferred connection methods by integrating an ADSL2+ and HSPA+ (3G) modem into one device. With 3G speeds of up to 21Mbps (the equivalent of an ADSL fixed-line connection) the 3G29WN is faster than most 3G router products currently available and is the first router to provide ADSL, HSPA+ (21Mbps) and Wireless N. A built-in wireless access point offers speeds of up to 300Mbps, and the router includes four Ethernet ports for wired connections. By plugging a USB printer or a USB hard drive into the router everyone connected can share a printer or storage device.

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To function effectively in this fast paced environment small to medium sized businesses must stay connected in all situations. The sharing of a secure and portable high-speed wireless or wired connection between multiple users with print and file networking capabilities will give any business a competitive advantage.

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