

- total solution providers



OTHER NETWORK OPTIONS

GPRS (General Packet Radio Service)

Bromcom is the only company to have a workable and licensed GPRS solution. GPRS allows the transfer of data over mobile phone networks and therefore avoids the need to have a wireless technology infrastructure installed in a school.

GPRS allows data transfer speeds significantly faster than previously possible over the mobile network and you only pay for the data you use - NOT for the length of time you are connected. GPRS is available nationally in the UK so you can access the Bromcom application wherever and whenever you need to - on school trips, at home, on the train. Anytime anywhere that is convenient to you.

Supported Hardware:

Laptops with GPRS Card



Networks

WINFOLDER SOFTWARE

WinFolder is simulation software that emulates the traditional Bromcom e-Registration folder software, enabling schools to use their existing hardware and networking or to purchase industry standard equipment.

The software has been specifically developed as an ultra-fast version of the e-School registration and reporting software and written in C++ and natively compiled for Windows. Supported operating systems are Windows 95, 98, Millennium, NT, 2000, XP and Windows CE and Pocket PC 2003 for hand-held devices.

Required Specifications

Laptop/PC - Intel Pentium 100 processor.
16MB of RAM
(32MB for Windows NT2000)

5MB of hard disk space is required to install WinFolder and its system files.

Pocket-PDA - Specification as per Bromcom supplied model.

For further information or to arrange a meeting please contact the Bromcom Sales Department on:

t. 020 8695 8080

sales@bromcom.com

f. 020 8695 8099

www.bromcom.com

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WI-FI

Also known as IEEE 802.11b/g, this wireless network option has become increasingly popular. Wi-Fi is a multifunctional wireless network enabling the transfer of data by wireless means at the following rates:

- 802.11b - 11 m/bits per second
- 802.11g - up to 54 m/bits per second

A major advantage of this network is the flexibility it affords, devices can be used to receive and transmit data anywhere within the range of wireless transmitters. As well as running Bromcom e-School software across this network you can also use a wide range of applications including Internet access and other school and commercial packages.

Supported hardware:

- Laptops with Wi-Fi Cards
- Pocket-PDAs with Compact Flash 802 Cards
- Pro-xPDA folders

ISM G2 WIRELESS

Using an ISM (Industrial Scientific or Medical) bandwidth, Bromcom has been supplying wireless networks for over 10 years. Wireless networks are fast becoming the 'network of choice' for school administration systems. Bromcom is the only company licensed to transfer pupil data by wireless means and is an expert in wireless technology.

Designed specifically for electronic registration, ISM networks are installed in around 600 of our 850 user schools throughout the UK and are used on a daily basis.

By utilising Bromcom folders across this network it provides a low cost solution to school's registration requirements.

Supported Hardware:

- xPDA Folders
- Pocket-PDAs with G2 Compact Flash Card
- Laptops with G2 Card

ETHERNET SYSTEMS

As well as wireless networks Bromcom can also install Ethernet systems with network points to every classroom.

Supported Hardware:

- Pro-xPDA Ethernet Folders
- Laptops
- Pocket-PDAs

Access Points require mains power. Power over Ethernet (PoE) technology enables wireless Access Points to be powered over the network/cabling infrastructure. This avoids the need for separate power and data cable, and costly mains AC outlets near the Access Points which cuts the cost of having to involve an electrical contractor.

By allowing the Access Points to be installed where they are most effective and not where the mains AC sockets are located, may also reduce the actual number of Access Points required, further reducing the implementation costs.