Provides a flexible, cost-effective wireless LAN
to support a dynamic IT environment

IBM

IBM Networking and Connectivity Services

Instant wireless local area network

IBM Networking and Connectivity Services instant wireless local area network provides an affordable and portable solution that helps reduce the cost and deployment, relocation or reconfiguration time of a LAN installation. The wireless network is easy to deploy, scalable, mobile and reusable as your business expands or real estate requirements change.

Providing an easy-to-install solution

Every time your business grows or relocates, you face a new round of LAN-related planning, infrastructure installation, network configuration and data migration tasks that waste precious time and take a toll on your bottom line. Whereas a wired LAN installation can take up to several weeks, the initial installation of our wireless LAN solution can be completed in less than two days, with configuration, installation and maintenance services provided by IBM. The solution gives your employees instant Internet access, and additional users can be added with ease.

Highlights

■ *Provides easy installation of a flexible, mobile and scalable wireless LAN*

■ *Facilitates network access in difficult-to-wire areas*

■ *Enables moving of LAN components and user devices office-wide without network connection loss*

■ *Extends the reach of a wired network.*

Addressing unique network mobility and expansion challenges

In the dynamic world of e-business, the inflexibility and permanence of traditional, wired local area networks (LAN) can be costly and constraining. From startups needing quick network implementations to businesses expanding or relocating, companies need nimble LAN solutions that can easily adapt to changing needs and unique situations.

e business

Gaining network access in previously inaccessible areas

Occasionally, a company cannot install a wired network in an office site because of building-construction-related considerations. The wireless LAN enables businesses to use LAN technology in buildings where a wired LAN is not feasible, such as historic buildings or buildings with asbestos. The solution can also be used in con-fined areas where limited use does not justify a wired connection. By significantly reducing cable numbers, a wireless LAN installation offers the functionality of a wired LAN without the associated scarring or invasiveness.

Transferring LAN components and user devices throughout the office without connection loss

The wireless network is versatile and can be physically moved to different loca-tions with ease, virtually eliminating the need for a wired port in every office or work area. The solution gives users the ability to transfer their mobile comput-ers throughout the office for privacy or impromptu meetings—without losing their network connection.

Sales team efficiency is also increased. Sales people can instantly connect their mobile devices to the Internet, across multiple wireless-LAN-equipped business locations, for prompt realtime information access.

Extending wired-network reach

If your business needs to expand its existing wired LAN or to gain network access to areas that are inaccessible to wired solutions, a wireless LAN is the answer. The people of IBM Global Services can integrate a wireless solution with your conventional, wired network infrastructure so that both existing investments and user network connections are optimized. The initial investment in our wireless LAN is competitive with the cost of wired LAN offerings, and the adaptability and ease-of-use of the wireless LAN result in a potentially quicker return on investment.

Solution components

An IBM Networking and Connectivity Services instant wireless LAN consists of the following components:

- *IBM @server xSeries server (optional) with:*
    - *Microsoft® Windows® 2000 Professional or NT® version 4 operating system*
    - *Lotus® SmartSuite or Microsoft Office*
- *Two Wireless LAN Access Points*
- *20 Wireless LAN Adapters—PC card, PCI or ISA*
- *IBM installation and configuration services.*

For more information

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