CISCO SYSTEMS

BROCHURE

CISCO INTEGRATED SERVICES ROUTER
TECHNICAL DECISION MAKER

CHANGING WITH THE SPEED OF BUSINESS—CISCO INTEGRATED SERVICES ROUTERS

Cisco® integrated services routers are the industry's first platform to combine wire-speed data, voice, video, and wireless networking services into a secure, easy-to-manage solution designed and priced specifically for SMBs. By converging multiple services into a single platform, you can simplify network management, reduce capital and operational costs, and protect your network investment by strategically turning on new services as you need them. This new integrated platform provides a comprehensive solution for small offices, branch offices, and teleworkers, enabling an ever-faster-moving business environment.

BUILDING A NETWORK THAT GROWS WITH YOUR BUSINESS

Today's companies rely on their networks more than ever before to enhance operational efficiency, increase customer and supplier communication and collaboration, and improve profitability in their businesses. Using more applications and granting increased access to information requires greater security to protect a company's assets. Historically, adding a new application, such as an IP voice or video application with end-to-end security, has meant adding more devices—and more costs and complexity—to the network.

Now, a new generation of routers from Cisco Systems® offers an easier, more cost-effective way to deliver and maintain innovative network services. Cisco integrated services routers combine data, voice, video, and wireless LAN services into a single, resilient solution that delivers secure, concurrent services as fast as your network can operate. With IP Communications, wireless LAN, security, and VPN capabilities embedded within the router itself, you can simply activate new services when you need them.

This integrated services approach enables you to reduce network complexity and total cost of ownership, speed deployment of new services, and position your business to respond more rapidly to change. Cisco integrated services routers deliver the right performance at the right price for growing businesses, and provide an ideal solution for small offices, branch offices, and teleworkers.

CONSIDERING NEW BUSINESS APPLICATIONS?

Cisco integrated services routers offer built-in performance and capacity to support advanced network services. The solution offers routers in either fixed-configuration models with services that are "rightsized" for small offices, or with a highly modular design so that you can easily and strategically add modules for new services as your needs change. Cisco integrated services routers support:

- *End-to-end security*—With embedded security, you can provide pervasive protection, lower your network's vulnerability, and simplify management by eliminating the need for multiple security devices. Security features include authentication, network admission control, firewall, and intrusion prevention, and the routers are designed to work together with new services such as IP telephony. Cisco integrated services routers also provide the application inspection and control features available in Cisco IOS® firewall, performing deep-packet inspection of incoming Web traffic and offering extra protection against viruses and worms.

- *Integrated wireless networking*—All Cisco integrated services routers provide optional built-in support for wireless LANs or wireless interface cards for the modular platforms. Small-office workers and even teleworkers can work more productively when they can access business applications from anywhere in the workspace, without being tied to a desk. These integrated services routers use proven Cisco wireless technology and incorporate advanced security and management features, helping to prevent unauthorized access to the network or sniffing of data. With an embedded wireless access point and wireless management software in a single device, you can more easily deploy, manage, secure, and troubleshoot wireless LANs.

- *IP Communications*—With Cisco 2800 Series or 3800 Series integrated services routers, you can cut operating costs and reduce complexity by running voice gateway, call processing, voicemail, auto attendant, and conferencing functions on a single, integrated routing platform. With embedded support for these voice services, you can add capabilities as needed, allowing you to migrate to full IP Communications more quickly and easily than deploying a separate IP voice system—and at a lower cost. Cisco 1800 Series and 800 Series integrated services routers allow IP phones to be plugged into router switch ports to enable IP Communications extensions.

- *IP video*—You can use the IP network to support video surveillance systems, reducing surveillance costs while enabling more effective incident investigation. IP video can also enable on-demand and live streaming media for consistent, high-quality learning, training, collaboration, and communications.

- *VPN connectivity*—You can support voice- and video-enabled VPN (V3PN) and Dynamic Multipoint VPN connectivity within the router, eliminating the need to deploy and manage separate VPN equipment. Embedded VPN enables you to provide secure access to company assets for remote sites and teleworkers, and to improve collaboration and responsiveness among employees, partners, and suppliers over a secure connection.
- *Centralized management*—All of these integrated services can be delivered with a single platform and managed with a single Web-based interface, greatly reducing administrative burden and, potentially, the total cost of ownership of your network.

Cisco integrated services routers are built to support all of these services concurrently at wire speed, with no degradation in performance.

BUSINESS BENEFITS

Building on 20 years of innovation, Cisco integrated services routers offer a new network foundation of integrated services and embedded intelligence to help you:

- More rapidly deploy secure connectivity, voice, and wireless solutions by simply activating new services as you need them without incurring new equipment costs. Use the fixed-configuration router models to integrate security, data, and wireless into your network. For locally processed voice or video, or for more flexible network options, the modular integrated services routers offer a platform to meet the needs of every office.
- Simplify operations by managing services using common tools and interfaces, allowing your team to spend more time on tasks that matter more.
- Protect business assets by deploying integrated routing systems with embedded security services that protect both wired and wireless connections.
- Reduce capital investments and operational costs by eliminating the need to deploy and manage new equipment in order to support new services.
- Respond to customer needs more effectively by being ready to deploy new services when you need them.
- Protect your network investment with backward-compatible platforms that have existing modules.

You may qualify for special discounts when you migrate your older Cisco routing platform to a Cisco integrated services router. Ask your Cisco representative for details.

These benefits make Cisco integrated services routers the right choice to address today's challenges, and provide confidence that the Cisco network platform will address tomorrow's business challenges and opportunities as well.

For more information on how your company can benefit from Cisco integrated services routers, visit:

http://www.cisco.com/go/isr

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