USB eTOKEN SUPPORT FOR CISCO INTEGRATED SERVICES ROUTERS

SECURE CONFIGURATION DISTRIBUTION WITH ALADDIN eTOKEN

WHAT IS A CISCO INTEGRATED SERVICES ROUTER?

Cisco Systems® is redefining best-in-class enterprise routing with a new line of routers optimized for secure, wire-speed delivery of concurrent data, voice, and video services.

Founded on 20 years of leadership and innovation, Cisco® integrated services routers intelligently embed data, security, and voice services into a single, easy-to-provision, resilient system for fast, scalable delivery of mission-critical business applications.

With up to five times the service densities, up to nine times the performance, and up to four times the memory of previous routers, Cisco integrated services routers are the first to provide both the performance and the reliable packet delivery necessary to scale real-time applications for all customers-from small businesses to large enterprises-and managed service providers.
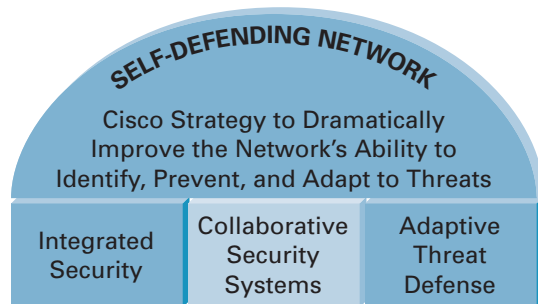
HOW CAN THESE NEW ROUTERS HELP SECURE MY NETWORK?

A primary component of the Cisco Self-Defending Network, Cisco integrated services routers include the industry's most comprehensive set of security services.

Cisco integrated services routers support advanced security services and management capabilities, such as hardware encryption acceleration, IPSec VPN (AES, DES, 3DES), firewall protection, inline intrusion prevention (IPS), Network Admission Control (NAC), URL filtering support, and secure configuration provisioning over the industryfirst introduction of USB ports. For simpler management and configuration, all integrated services routers ship with the intuitive, Web-based Cisco Router and Security Device Manager (SDM).

Cisco integrated services routers deliver comprehensive services that characterize the Cisco Self-Defending Network (Figure 1).

Figure 1 The Cisco Self-Defending Network

SELF-DEFENDING NETWORK

Cisco Strategy to Dramatically Improve the Network's Ability to Identify, Prevent, and Adapt to Threats

| Integrated Security | Collaborative Security Systems | Adaptive Threat Defense |

Cisco Self-Defending Network, a critical component of the intelligent information network, represents the long-term Cisco strategy to allow organizations to identify, prevent, and adapt to possible threats.
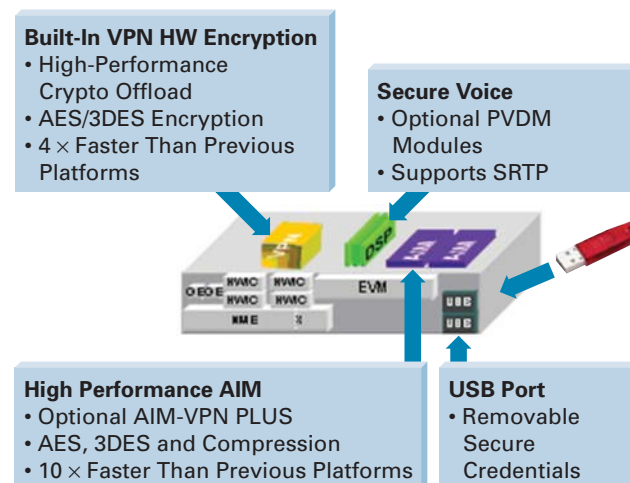
SECURE CONFIGURATION DISTRIBUTION

The Cisco integrated services routers are the first routers in the industry with USB ports. The Cisco IOS® Software-level integration of Aladdin eToken drivers provides partners and customers with simple, convenient, and secure provisioning of router configurations.

Aladdin eToken is a USB-based smartcard device used for strong user authentication and secured storage. Combining eToken drivers with Cisco integrated services routers helps Cisco partners mount router configuration on eToken drivers and securely send them to end customers. End customers will then upload the configuration directly to the router by attaching eToken to the new USB port.

BENEFITS AND VALUE PROPOSITION

- Substantial cost savings-Routers are shipped "blank" to customers, eliminating the need for physical router configuration
- Easy technical support-Configuration can be directly reloaded to the router
- Easy eToken configuration- Using Token Management System (TMS) or Cisco IOS CLI commands
- Security-Router configuration is securely stored on the eToken and is protected with password access
- Customer is free to purchase routers from any Cisco authorized reseller
- Timely implementation, support, and updates

Figure 2 Benefits and Value

Built-In VPN HW Encryption
- High-Performance Crypto Offload
- AES/3DES Encryption
- 4 × Faster Than Previous Platforms

Secure Voice
- Optional PVDM Modules
- Supports SRTP

High Performance AIM
- Optional AIM-VPN PLUS
- AES, 3DES and Compression
- 10 × Faster Than Previous Platforms

USB Port
- Removable Secure Credentials

ABOUT ALADDIN ETOKEN

Aladdin eToken is a USB- based smartcard device for cost-effective strong authentication and e-commerce.

It provides:

- Enhanced security and helps ensure safe information access
- Improved and cost-effective password and ID management
- Secure mobility of digital credentials, certificates, and keys

Aladdin eToken integrates with numerous security applications, such as secure network logon, secure VPN, Web sign on, simple sign on, and Cisco integrated services routers.

eToken provide yet another unique solution—Access Solutions Suite. Each solution within the suite help organizations establish trusted access for employees, customers, suppliers, and partners by providing interoperability among different remote access control technologies. These include VPN and Wireless, and various authentication methods such as digital certificate (PKI) and One-Time Password (OTP).

Figure 3: eToken PRO

TOKEN MANAGEMENT SYSTEM

The Aladdin eToken TMS™ is a robust management system that enables the deployment, provisioning and maintenance of security Tokens, Smartcards and ID Badges within an organization. It supports a comprehensive range of security applications such as Network Logon, VPN, Web Access, Secure eMail, Data Encryption and many others.

To provision Cisco routers, TMS imports a generated configuration file. TMS can associate the configuration to a customer-specific eToken and, upload the configuration to the token. The eToken is then sent to the customer for fast and secure configuration upload.

For more information, visit:
http://www.cisco.com/go/routing

http://www.Aladdin.com/eToken