



## End-of-Sale Summary

All models of Cisco® 7500 Series Routers—chassis, power supplies, memory, route switch processors (Cisco Route Switch Processors 4, 8, and 16), and versatile interface processors (Cisco 7500 Series Versatile Interface Processors 4 and 6)—and all Cisco 7500 Series bundles will reach their end-of-sale (EoS) dates as of December 15, 2007. (Note: Port adapters used on Cisco 7500 Series Routers will remain orderable because they are used on other Cisco platforms.) For more information, go to [www.cisco.com/go/7500](http://www.cisco.com/go/7500).

## Importance of This End-of-Sale

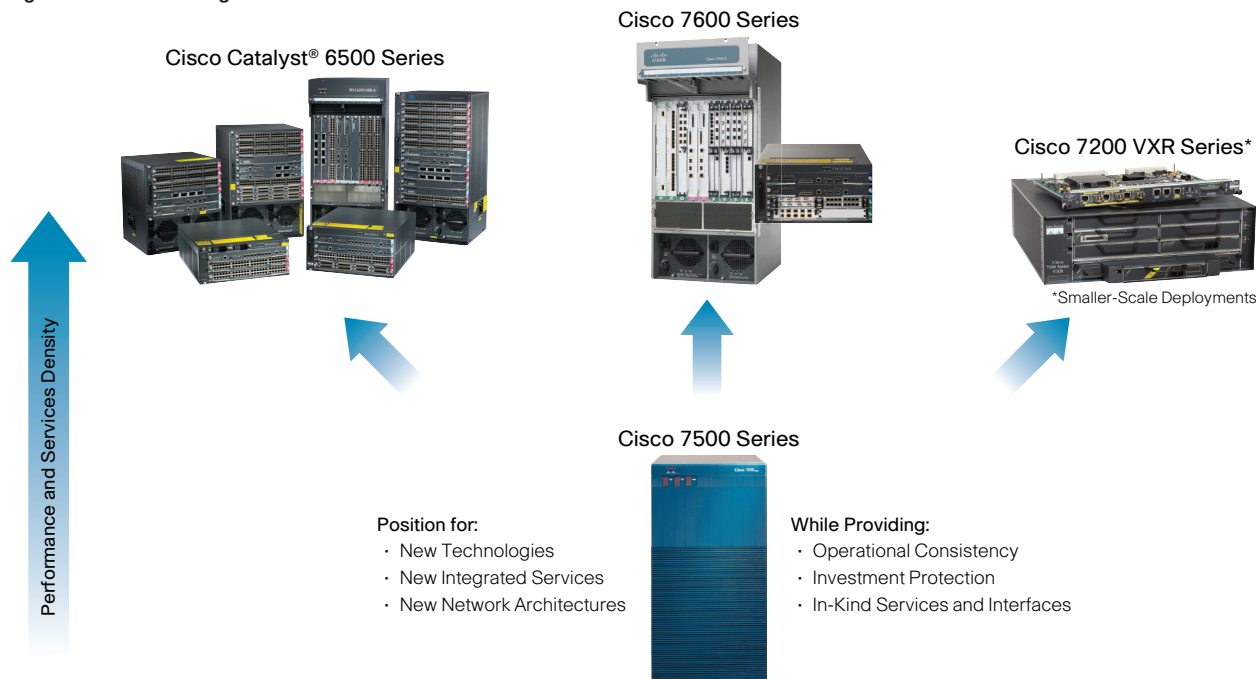
Cisco 7500 Series Routers have been deployed as backbone routers, reliably delivering business-critical network services for enterprise and service provider customers for years. Cisco recognizes that customer networks now need higher levels of services integration and performance, which can be found in the newer, more robust Cisco platforms. Three recommended Cisco platforms provide the advanced features, performance, flexibility, and investment protection required to support crucial customer initiatives such as these:

- IP network convergence
- Security and compliance
- Unified communications
- Application optimization

## Recommended Transition Paths for Enterprise Customers

Figure 1 summarizes paths for transitioning from the Cisco 7500 Series. Each path offers significant benefits.

**Figure 1. Transitioning from the Cisco 7500 Series**





## Cisco 7500 Series to Cisco Catalyst 6500 Series Transition Benefits

- WAN aggregation:
  - Feature parity with the Cisco 7500 Series
  - HW and SW LAN, WAN and datacenter consistency
  - Maximum uptime with Cisco IOS® Software Modularity
  - Leadership with routing and IPv6 features (VPNs with 6PE, multicast in HW, etc.)
  - Leading MPLS features, including Layer 2 and 3 VPN, MPLS traffic engineering, and Virtual Private LAN Service (VPLS)
  - Integrated security: firewall, intrusion prevention system (IDS/IPS), leading IP Security (IPSec)
  - VPN services3 and Flexible Pattern Matching (FPM) capacity in hardware
  - Application intelligence in hardware
- Internet edge:
  - High scalability and density
  - Wire-rate access control list (ACL); 1 million routes in hardware
  - Integrated security: firewall up to 5 Gbps, IDS and IPS, and IPsec VPN in hardware
  - Advanced traffic management and network instrumentation
- Data center:
  - L2 datacenter connection solutions with Virtual Private LAN Service (VPLS)
  - Transition to Ethernet with embedded intelligence for resilience
  - Simplified operations providing Gigabit Ethernet connectivity for mainframe access, high-density Layer 2 Ethernet switching, and support for new services such as Cisco Application Control Engine (ACE), and Cisco Wide Area Application Services (WAAS).

- Safe Harbor testing:
  - Added assurance of Safe Harbor certification, which has been extended to include Cisco Catalyst 6500 Series WAN deployments
  - Capability to deploy a single Cisco IOS Software Release 12.2 SX image on the Cisco Catalyst 6500 Series with confidence throughout the enterprise

## Cisco 7500 Series to Cisco 7600 Series Transition Benefits

- WAN aggregation:
  - Feature parity with a wide range of WAN interfaces
  - Investment protection with Cisco 7600 Series/ Catalyst 6500 Series Enhanced FlexWAN Module
  - Leading MPLS features, including Layer 2 and 3 VPN, MPLS traffic engineering, and Virtual Private LAN Service (VPLS)
  - Leading IP Version 6 (IPv6) solutions (Hot Standby Router Protocol Version 6 [HSRPv6], Enhanced Interior Gateway Routing Protocol Version 6 [EIGRPv6], IPv6 VPN [6vPE], etc.)
- Integrated security
- Internet edge:
  - High scalability and density
  - Hardware-powered wire-rate ACL; 1 million routes in hardware
  - Integrated security services in hardware (security service module support)
  - Advanced traffic management and network instrumentation

## Cisco 7500 Series to Cisco 7200 VXR Series Transition Benefits

- WAN aggregation:
  - Full feature and Cisco IOS Software release parity for up to OC-3 WAN aggregation, including support for older protocols

- Internet edge:
  - Cost-effective transition solution for up to OC-3 WAN speeds
  - High-performing, hardware-accelerated IPsec VPN services
- Investment protection with support for all Cisco 7000 Series port and service adapters, allowing sharing and reuse of installed 7500 port adapters
- Support for latest features of Cisco IOS Software Release 12.4T, including the latest integrated security and IPsec features such as Flexible Packet Matching (FPM), Virtual Tunnel Interface (VTI), Dynamic Multipoint VPN (DMVPN), and Group Encrypted Transport VPN (GET VPN).

## Customer Transition Program Resources

Cisco offers a comprehensive program with tools to help partners facilitate Cisco 7500 Series transition, from the initial customer discussions through new product deployment. Primary elements of the transition program include the following:

- Network assessment tools
- Professional services and consulting
- Cisco Technology Transition Program (TTP)<sup>1</sup>
- Hardware trade-in credits
- Best practices and design guidance
- Solution Reference Network Designs (SRND)
- Customer Proof of Concept (CPOC) labs
- Cisco Technical Assistance Center (TAC), partner, and account team support

<sup>1</sup>Customers can use the Cisco Technology Migration Program (TMP) to trade in products and receive credit toward the purchase of new Cisco equipment. See Cisco TMP for more information.