


Cisco ONS 15454 Metro Optical Transport Platform Release 3.1.0

A stylized white globe graphic on a blue background, showing latitude and longitude lines, positioned on the left side of the page.

Cisco Systems is proud to announce that Cisco ONS 15454 Metro Optical Transport Platform Release 3.1.0 is available for order (Figure 1). This product release delivers OC-192 capability to the industry-leading ONS 15454 platform. Release 3.1.0 includes the following 10-Gbps (10G)-enabled components:

- Increased shelf bandwidth—The latest cross-connect card, model number XC-10G, increases the bandwidth of the platform. This card enables termination and management of up to 60 Gbps of revenue-generating services.
- Single-slot, long-reach OC-192 optical card—The OC-192 long-reach card allows users to take advantage of the fiber facility to carry additional services. The long-reach capability of the OC-192 card lowers network costs by reducing the need for optical amplification or electrical regeneration. This capability is provided in a package that requires only a single-shelf slot, enabling up to four OC-192 interfaces per shelf assembly.
- OC-48 any-slot flexibility—The any-slot OC-48 functionality offers high-bandwidth drop interfaces to complement the OC-192 system capabilities and can be used to aggregate traffic from as many as five subtending rings from a single-shelf assembly.
- Enhanced networking options—Four-fiber bidirectional line switch ring (BLSR) protection support further extends the flexibility of the ONS 15454 platform, enabling deployment of a single platform type across all transport architectures from a unified software load.
- Continued Multiservice support—The latest E-Series Ethernet cards provide transport of 10/100BaseT and Gigabit Ethernet services, along with other time-division multiplexing (TDM) services, across all transport speeds and networking architectures.

This complete solution provides customers with the smallest 10G footprint and the broadest multiservice capability of any metro optical transport platform in the industry.

Figure 1 Cisco ONS 15454 Metro Optical Transport Platform



The Cisco ONS 15454 Release 3.1.0 is designed to meet the demanding and evolving optical transport needs of service providers and large enterprise customers. These customers need service density and velocity to obtain profitability with the highest possible revenue per wavelength while securing the lowest cost per incremental service. Today's networks also require efficient service delivery, bandwidth scalability, multiservice capability from a single platform, and transport protocol flexibility (aggregate multiple low-bit-rate services on any transport backbone bandwidth). Cisco ONS 15454 Release 3.1.0 exceeds these requirements with the following features:

- Highest service density—Only metro optical transport solution to scale from DS1 to OC-192 in a single platform with integrated dense wavelength division multiplexing (DWDM)
- Multiservice support—Widest selection of service interfaces to support demanding metro transport network requirements
- Most transport flexibility—Only metro optical transport solution to support all network topologies, including four-fiber BLSR
- Lowest life cycle cost—Smallest footprint, easiest to engineer and install, and lowest cost per service

Availability and Ordering Information

All of the Cisco ONS 15454 Release 3.1.0 product components listed in Table 1 may be ordered today, with first customer shipments (FCS) by November 27, 2001.

Table 1 Cisco ONS 15454 Release 3.1.0 Product Components

Product Number	Description
CISCO15454-10G	ONS 15454 system, assemble-to-order (ATO) model, 10G configurations, base equipment includes shelf assembly (15454-SA-ANSI) with fan tray and filter assembly (15454-FTA3), configurable to complete system
15454-SA-ANSI=	Shelf assembly, ONS 15454, NEBS3 compliant, 10G compatible, increased power rating (-48VDC, 24 amps), for ordering as a spare
15454-XC-10G	Cross-connect card, 1152 STS-1 ports, 672 VT1.5 ports
15454-OC192LR1550	OC-192 card, long reach (LR), 1550 nm, 1 circuit/card
15454-OC48IR1310A	OC-48 any-slot card, intermediate reach (IR), 1310 nm, 1 circuit/card
15454-OC48LR1550A	OC-48 any-slot card, long reach (LR), 1550 nm, 1 circuit/card *

Product Number	Description
15454-R3.1.0SW/CD	Release 3.1.0 system software, CD-ROM
15454-DOC3.1.0CD	Release 3.1.0 user documentation, CD-ROM format
15454-DOC3.1.0PP	Release 3.1.0 user documentation, paper format
15454-E100T-G	Ethernet card, 10/100BaseT, 12 ports, compatible with XC, VC-VT, and XC-10G equipped systems <i>(Required for operation with the XC-10G)</i>
15454-E1000-2-G	Ethernet card, 1000BaseFX, 2 GBIC slots, compatible with XC, VC-VT, and XC-10G equipped systems <i>(Required for operation with the XC-10G)</i>
SF15454-3.1.0	System software, ONS 15454, Release 3.1.0 (pre-loaded on Timing Communications and Control [TCC+] card)
15454-FTA3	Fan tray assembly, ONS 15454, high CFM, one FTF2 filter included
15454-FTF2	Fan tray filter, compatible with FTA, FTA2, and FTA3 (existing product; not new for Release 3.1.0)

Note: The systems and products described in this document are subject to New Product Hold (NPH), a status assigned to all new items that have not yet transacted through the Cisco manufacturing system and may not be available. Thus, product delivery dates can vary past the quoted first customer ship (FCS) date.

The Cisco ONS 15454 products may be ordered through the Cisco Networking Products Marketplace online order entry tool. The product names and new Common Language Equipment Identifier (CLEI) codes for the Cisco ONS 15454 products are provided in Table 1. To access current CLEI code information for all Cisco products, please refer to the Cisco online CLEI Code Tool (http://www.cisco.com/cgi-bin/front.x/clei/code_search.cgi).

Sales Programs and Limited-Time Offers

Cisco offers sales programs to help service providers develop and enhance their network solutions. Below are the current ONS 15454 programs available to all customers.

- 10G/OC-192 assemble-to-order (ATO)—For a limited time, customers can buy an OC-192-equipped ONS 15454 system and receive the new 15454-SA-ANSI chassis and fan tray assembly at no cost (a US \$3420 value). Customers interested in this special offer must use the new ATO part name, CISCO15454-10G, and comply with its configuration requirements. For program details, contact your local Cisco account manager.
- Upgrade 2 TCC+ program—For a limited time, customers can return Timing Communications and Control (TCC) cards and receive US \$1300 credit toward the purchase of new TCC+ cards. For program details, contact your local Cisco account manager.

More Information

For more information about the Cisco ONS 15454 Optical Transport Platform, visit: <http://www.cisco.com/warp/public/cc/pd/olpl/metro/on15454/>.



Corporate Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters
Cisco Systems Europe
11, Rue Camille Desmoulins
92782 Issy Les Moulineaux Cedex 9
France
www.cisco.com
Tel: 33 1 58 04 60 00
Fax: 33 1 58 04 61 00

Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems Inc
Capital Tower
168 Robinson Road
22-01 to #29-01
Singapore 068912
www.cisco.com
Tel: +65 317 7777
Fax: +65 317 7799

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