



Doc. No. 78-3824-02

# Release Notes for the Catalyst 2800 and Catalyst 2100 Firmware Version 3.76

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**March 6, 1997**

These release notes describe modifications made to the Catalyst 2800 and Catalyst 2100 firmware for Version 3.76.

For more information, see the product documentation:

- *Catalyst 2800 User Guide*
- *Catalyst 2800 Modules User Guide*
- *Catalyst 2100 User Guide*
- *Catalyst 2000 MIB Reference Manual*

## Important Notes

All modifications and features added to the firmware prior to Version 3.76 are documented in *Release Notes for Catalyst 2800 and Catalyst 2100 Firmware Version 3.71*.

## Version 3.76 Modifications

The following modifications are included in Version 3.76:

- To avoid connectivity problems, the switch automatically suspends a port when a loopback twisted-pair cable is connected to it.
- To enhance Telnet connectivity, the firmware has been improved to reduce the chance of Telnet connections failing.
- The switch ages out Telnet connections when the workstation side of the connection is not closed properly.
- Broadcast packets are forwarded to eligible ports and to the switch management software for processing. Packets forwarded for processing encounter a threshold that is designed to prevent the management queue from overflowing. This threshold has been increased from 50 to 300 packets per second.
- The default IP time-to-live value has been increased from 15 to 255.

- Large switch-management IP packets are now properly fragmented when transmitted from the FDDI module.
- The FDDI module uses the IP address of the switch to discover the maximum transmission unit (MTU) path.
- The switch now supports two types of Content-Addressable Memory devices: Music Semiconductor MU9C1480 and MU9C2480.

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**Note** If you purchased your product from a reseller, you can access Cisco Connection Online (CCO) as a guest. CCO is Cisco Systems’ primary, real-time support channel. Your reseller offers programs that include direct access to CCO’s services.

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- Modem: From North America, 408 526-8070; from Europe, 33 1 64 46 40 82. Use the following terminal settings: VT100 emulation; databits: 8; parity: none; stop bits: 1; and connection rates up to 28.8 kbps.

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This document is to be used in conjunction with the *Catalyst 2800 User Guide* and the *Catalyst 2100 User Guide*.

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