

# Cisco IOS Software Release 12.2(53)EZ for Cisco Industrial Ethernet 3010 Series Switches

## Overview

Cisco is announcing Cisco IOS® Software for the new Cisco® Industrial Ethernet 3010 Series Switches. The Cisco Industrial Ethernet 3010 Series (IE 3010 Series) is a family of ruggedized, compact 1–rack unit (RU) rack-mountable, fixed configuration Layer 2 switches with Small Form-Factor Pluggable (SFP) fiber aggregation and Power over Ethernet (PoE), which bring Cisco’s leadership in switching to Industrial Ethernet applications with innovative features, robust security, and superior ease of use.

Table 1 describes the Cisco IE 3010 Series Switches.

**Table 1.** Cisco Industrial Ethernet 3010 Series Switches

Part Number	Description
<b>IE-3010-24TC</b>	<ul style="list-style-type: none"> <li>• Rugged Industrial Ethernet switch</li> <li>• 24 10/100BASETX ports and two dual-purpose Gigabit Ethernet uplink ports. (each dual-purpose uplink port has one 10/100/1000 Ethernet port and one SFP-based Gigabit Ethernet port, one port active)</li> <li>• Each switch supports two Cisco power supply units (PSUs)</li> </ul>
<b>IE-3010-16S-8PC</b>	<ul style="list-style-type: none"> <li>• Rugged Industrial Ethernet switch</li> <li>• 16 Fast Ethernet SFP ports, 8 10/100BASETX/PoE ports, and 2 dual-purpose Gigabit Ethernet uplink ports. (each dual-purpose uplink port has one 10/100/1000 Ethernet port and one SFP-based Gigabit Ethernet port, one port active)</li> <li>• Each switch supports two Cisco PSUs</li> </ul>

This product bulletin provides the content and delivery information for Cisco IOS Software Release 12.2(53)EZ, which is the first Cisco IOS Software release that supports the Cisco IE 3010 Series Switches. Cisco IOS Software Release 12.2(53)EZ is an early deployment release based on Cisco IOS Software Release 12.2(53)SE. Cisco IOS Software Release 12.2(53)EZ should not be used for any switch other than the Cisco IE 3010 Series Switches.

## New Features

This release contains most the features found in the LAN Base image feature set of Cisco IOS Software Release 12.2(53)SE. In addition, the following features are added to make the Cisco IE 3010 Series an ideal product for Industrial Ethernet applications, including factory automation, process automation and control, intelligent transportation systems (ITSs), rail transport, and mass transit.

- Resilient Ethernet Protocol (REP) supports scalable number of nodes in a ring topology with fast convergence time.
- Dynamic Host Configuration Protocol (DHCP) port-based allocation retains the IP address on a per port basis and simplifies the end-host replacement in an industrial setting.
- Cisco Express Setup simplifies initial configuration with a web browser, eliminating the need for more complex terminal emulation programs.
- Cisco Smartports templates provide the option to apply a default global or interface-level macro with a recommended configuration, allowing the user to easily optimize the switch configuration for the specific application.

The platform and features delivered with Cisco IOS Software Release 12.2(53)EZ will be incorporated into subsequent Cisco IOS Software 12.2SE releases.

### Support

Cisco IOS Software Release 12.2(53)EZ follows the standard Cisco support policy as indicated at [http://www.cisco.com/en/US/products/products\\_end-of-life\\_policy.html](http://www.cisco.com/en/US/products/products_end-of-life_policy.html).

### Download Information

Customers can download Cisco IOS Software Release 12.2(53)EZ from the Software Download Center at <http://www.cisco.com/public/sw-center>.

### For More Information

Information about the Cisco IE 3010 Series is available at <http://www.cisco.com/go/3010>.

For more information about the platforms and features being delivered in Cisco IOS Software Release 12.2(53)EZ, refer to the release notes at [http://www.cisco.com/en/US/products/ps11245/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/ps11245/prod_release_notes_list.html).



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