



## Preface

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### Objective

The *Cisco VCO/4K France Supplement* is a comprehensive guide to operating the France tone plan in a Virtual Central Office (VCO) or Specialty Digital Switch (SDS) environment. This supplement helps you configure and use the France tone plan. It describes system requirements, system configuration, and the tone plan's components.

Except where otherwise noted within this document, this supplement describes the installation, configuration, operation and general functionality of the France country feature package as used with the following Virtual Central Office (VCO) and Specialty Digital Switch (SDS) platforms:

- VCO/4K operating with system software V5.x FSR00 PUN00 and higher
- VCO/20 operating with system software V4.0 FSR00 PUN00\* and higher
- VCO/80 operating with system software V3.3 FSR00 PUN00\*\* and higher
- SDS-1000 operating with system software V3.3 FSR00 PUN00\*\* and higher
- SDS-500 operating with system software V3.3 FSR00 PUN00\*\* and higher

\* The PUN number was included as part of the V4.x system software numbering scheme at V4.0 FSR02 PUN00.

\*\* The PUN number was included as part of the V3.x system software numbering scheme at V3.3 FSR05 PUN00.



#### Note

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Within any given country, there may be more than one tone plan in use by the various telecommunication service providers who operate privately and/or publicly within the country in question. Thoroughly review the tone plan listed in Chapter 2, “France Tone Plan” to verify that this is the country feature package that you ordered.

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### Audience

This document is intended for all personnel using the France country feature package.

# Document Organization

This document is organized as follows:

Chapter 1, “System Requirements,” describes the system requirements for running the France country feature package.

Chapter 2, “France Tone Plan,” details the modifications to the Digital Tone Generator (DTG or DTG-2) and Call Progress Analyzer (CPA), and SPC-CPA service circuits to support supervision tones specific to the France telephone network.

## Conventions

This document uses the following conventions:



**Note**

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Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the manual.

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**Caution**

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Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

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## Related Documentation

The Cisco VCO/4K *France Tone Plan Supplement* provides important information about running the France country feature package on the VCO and SDS platforms. If a topic is discussed in both the SDS/VCO documentation set and this supplement, refer to the information in this document.

Refer to the following specifications for information on network signaling requirements:

- International Telecommunications Union (ITU, formerly Comité Consultatif International Téléphonique et Télégraphique, CCITT) Q.421 Digital Line Signaling Code
- ITU-T Q.440 Interregister Signaling

## Obtaining Documentation

The following sections provide sources for obtaining documentation from Cisco Systems.

### World Wide Web

You can access the most current Cisco documentation on the World Wide Web at the following sites:

- <http://www.cisco.com>
- <http://www-china.cisco.com>
- <http://www-europe.cisco.com>

## Documentation CD-ROM

Cisco documentation and additional literature are available in a CD-ROM package, which ships with your product. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or as an annual subscription.

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- Registered Cisco.com users can order the Documentation CD-ROM through the online Subscription Store:  
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- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco corporate headquarters (California, USA) at 408 526-7208 or, in North America, by calling 800 553-NETS(6387).

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To submit your comments by mail, for your convenience many documents contain a response card behind the front cover. Otherwise, you can mail your comments to the following address:

Cisco Systems, Inc.  
Document Resource Connection  
170 West Tasman Drive  
San Jose, CA 95134-9883

## Obtaining Technical Assistance

Cisco provides Cisco.com as a starting point for all technical assistance. Customers and partners can obtain documentation, troubleshooting tips, and sample configurations from online tools. For Cisco.com registered users, additional troubleshooting tools are available from the TAC website.

## Cisco.com

Cisco.com is the foundation of a suite of interactive, networked services that provides immediate, open access to Cisco information and resources at anytime, from anywhere in the world. This highly integrated Internet application is a powerful, easy-to-use tool for doing business with Cisco.

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Customers and partners can self-register on Cisco.com to obtain additional personalized information and services. Registered users can order products, check on the status of an order, access technical support, and view benefits specific to their relationships with Cisco.

To access Cisco.com, go to the following website:

<http://www.cisco.com>

## Technical Assistance Center

The Cisco TAC website is available to all customers who need technical assistance with a Cisco product or technology that is under warranty or covered by a maintenance contract.

### Contacting TAC by Using the Cisco TAC Website

If you have a priority level 3 (P3) or priority level 4 (P4) problem, contact TAC by going to the TAC website:

<http://www.cisco.com/tac>

P3 and P4 level problems are defined as follows:

- P3—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.
- P4—You need information or assistance on Cisco product capabilities, product installation, or basic product configuration.

In each of the above cases, use the Cisco TAC website to quickly find answers to your questions.

To register for Cisco.com, go to the following website:

<http://www.cisco.com/register/>

If you cannot resolve your technical issue by using the TAC online resources, Cisco.com registered users can open a case online by using the TAC Case Open tool at the following website:

<http://www.cisco.com/tac/caseopen>

### Contacting TAC by Telephone

If you have a priority level 1 (P1) or priority level 2 (P2) problem, contact TAC by telephone and immediately open a case. To obtain a directory of toll-free numbers for your country, go to the following website:

<http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml>

P1 and P2 level problems are defined as follows:

- P1—Your production network is down, causing a critical impact to business operations if service is not restored quickly. No workaround is available.
- P2—Your production network is severely degraded, affecting significant aspects of your business operations. No workaround is available.