



Preface

Overview

This *Solution Reference Network Design (SRND)* document provides design considerations and guidelines for deploying Cisco IPICS. This document should be used with the following related documentation:

- For Cisco IPICS documentation, go to this URL
http://www.cisco.com/en/US/products/ps7026/tsd_products_support_series_home.html
- For other SRND documents, go to this URL:
<http://www.cisco.com/go/srnd>

Revision History

This document may be updated at any time without notice. You can obtain the latest version of this document at this URL:

<http://www.cisco.com/go/srnd>

Check the Cisco.com website periodically for documentation updates by comparing the date on the title page of your copy with the date of the online document.

Organization

This manual is organized as follows:

Chapter 1, “Introducing Cisco IPICS”	Describes the advantages and benefits that Cisco IPICS offers and introduces the primary components that make up a Cisco IPICS deployment
Chapter 2, “Cisco IPICS Component Considerations”	Provides information about various Cisco IPICS components
Chapter 3, “Cisco IPICS LMR Gateway Configurations”	Describes configurations needed to use land mobile radios with Cisco IPICS

Chapter 4, “Cisco IPICS Infrastructure Considerations”	Provides information about network infrastructure considerations that you must be aware of when you deploy Cisco IPICS
Chapter 5, “Understanding Dial Peers”	Provides an overview of dial peers, which will help you understand how Cisco IPICS operates
Chapter 6, “Cisco IPICS Licensing and Sizing Guidelines”	Explains how Cisco IPICS uses licensable features and provides information about resource use and system sizing
Chapter 7, “Cisco IPICS Deployment Models”	Describes the deployment models for Cisco IPICS
Chapter 8, “High Latency and Low Bandwidth Interconnection”	Describes deployment models that use high latency and low bandwidth interconnections

Related Documentation

The following Cisco IPICS documentation is available:

- *Cisco IPICS PMC Installation and User Guide, Release 2.1(1)*—Describes how to install, configure, manage, and operate the Cisco IPICS PMC application
- *Cisco IPICS PMC Quick Start Reference Card, Release 2.1(1)*—Provides tips and quick references for the most frequently used procedures that a user can perform on the Cisco IPICS PMC.
- *Using Cisco IPICS on Your IP Phone Quick Start Reference Card, Release 2.1(1)*—Contains information about accessing Cisco IPICS from your Cisco Unified IP phone and tips and guidelines for using this service.
- *Using the Cisco IPICS TUI Quick Start Reference Card, Release 2.1(1)*—This document describes the steps that you follow to dial in to, or receive a call from, the policy engine telephony user interface (TUI) and guidelines for using the system.
- *Cisco IPICS Radio and Tone Descriptor File Examples Reference Card, Release 2.1(1)*—Contains examples of valid and invalid radio control and signaling descriptor file entries and guidelines for creating these entries
- *Cisco IPICS PMC Debug Reference Quick Start Guide, Release 2.1(1)*—Provides a quick reference for troubleshooting and debugging the Cisco IPICS PMC.
- *Cisco IPICS Server Quick Start Guide, Release 2.1(1)*—Condensed version of this Cisco IPICS Server Administration Guide to help the administrator to quickly get started with Cisco IPICS.
- *Cisco IPICS Server Quick Start Reference Card, Release 2.1(1)*—Provides tips, quick references, and usage guidelines for the Cisco IPICS server.
- *Cisco IPICS Server Installation and Upgrade Guide, Release 2.1(1)*—Describes how to install, configure, and upgrade the Cisco IPICS server software and Cisco IPICS operating system.
- *Cisco IPICS Server Administration Guide, Release 2.1(1)*—Contains information about the key configuration, operation, and management tasks for the Cisco IPICS server.
- *Cisco IPICS Server Quick Start Installation Reference Card, Release 2.1(1)*—Provides tips and quick references for installing and upgrading the Cisco IPICS server.
- *Cisco IPICS Troubleshooting Guide, Release 2.1(1)*—Contains reference material about how to maintain and troubleshoot the Cisco IPICS system.

- *Cisco IPICS PMC Command Line Interface, Release 2.1(1)*—Describes the commands that you can use from the command line interface (CLI) to obtain information or to change settings for the Cisco IPICS PMC.
- *Release Notes for Cisco IPICS Release 2.1(1)*—Contains a description of the new and changed features, important notes, caveats, and documentation updates for this release of Cisco IPICS.
- *Cisco IPICS 2.1(1) Resources Card (Documentation Locator)*—Provides a summary of the documentation that is available for this release of Cisco IPICS.
- *Cisco IPICS Compatibility Matrix*—Contains information about compatible hardware and software that is supported for use with Cisco IPICS.

To access the documentation suite for Cisco IPICS, refer to the following URL:

http://www.cisco.com/en/US/products/ps7026/tsd_products_support_series_home.html

Cisco also provides a wide variety of other documentation that provides related information about Cisco IPICS components and the configuration of an infrastructure that supports Cisco IPICS. References to related document is provided throughout this manual as appropriate.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information about obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and recommended aliases and general Cisco documents, see the monthly What's New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

