



Preface

Revised: March 12, 2009, OL-15918-02

Introduction

This document describes the ISDN provisioning and troubleshooting for the Cisco BTS 10200 Softswitch. This document is intended for use by service provider management, system administration, and engineering personnel who are responsible for designing, installing, provisioning, and maintaining networks that use the Cisco BTS 10200 Softswitch system.

Organization

This document is divided into the following chapters:

- [Chapter 1, “Description of Backhaul Set, Group, and Session”](#)—Describes ISDN provisioning for the Cisco BTS 10200 Softswitch. It provides the procedures to operate, manage, and troubleshoot ISDN signaling on the Cisco BTS 10200 Softswitch and voice gateways.
- [Chapter 2, “Provisioning”](#)—Describes provisioning multiple trunk groups on a single ISDN D channel.
- [Chapter 3, “IUA/SCTP Protocols”](#)—Describes the support of ISDN backhaul using ISDN Q.921-User Adaptation (IUA) and the Stream Control Transmission Protocol (SCTP).
- [Chapter 4, “Maintaining and Troubleshooting the ISDN System”](#)—Describes ISDN maintenance and troubleshooting commands and procedures for the Cisco BTS 10200 Softswitch.

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Document Change History

The following table provides the revision history for the *Cisco BTS 10200 Softswitch ISDN Guide, Release 6.0.x*.

Version Number	Issue Date	Status	Reason for Change
OL-15918-01	31 Mar 2008	Initial	Initial document for Release 6.0.x
OL-15918-2	12 Mar 2009	Revised	Updated the Customizing Trunk Group Profiles section.