



Preface

Revised: July 31, 2008, OL-15920-02

This document describes the SIGTRAN solution for the Cisco BTS 10200 Softswitch. It 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.

Organization

This document is divided into the following chapters:

- **Chapter 1, “SS7 Basic Configurations”**—Signaling System 7 (SS7) is an out of band signaling system used in the public switched telephone network (PSTN) to control call setup and tear down calls, transport circuit and non-circuit related information, and support the Custom Local Calling Area Signaling Services (CLASS).
- **Chapter 2, “Provisioning Basic SS7 Configurations”**—Describes the provisioning process for the Cisco ITP, Mated Signal Transfer Point (STP)-Pair configurations, Cisco BTS 10200 Softswitch for Shared Point Code, SCTP provisioning, and NSO configuration.
- **Chapter 3, “Customer Profiles”**—Describes various configurations and combinations of the Cisco BTS 10200 Softswitch and the Cisco ITP that are built on top of the basic Shared Point Code and Mated STP-Pair configurations.
- **Chapter 4, “SS7 SIGTRAN Troubleshooting”**— Describes tools and procedures for troubleshooting SIGTRAN problems on the Cisco BTS 10200 Softswitch and Cisco ITP, for clearing Cisco BTS 10200 Softswitch alarms, and for troubleshooting network problems.

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Document Change History

The following table lists the revision history for the *Cisco BTS 10200 Softswitch SS7 SIGTRAN Guide, Release 6.0.1*.

Version Number	Issue Date	Status	Reason for Change
OL-15920-01	31 Mar 2008	Initial	Initial document for Release 6.0.1
OL-15920-02	31 July 2008	Revised	In version OL-15920-02, the information on Cisco ITP Signaling Gateways were added in the “ Cisco ITP Signaling Gateways ” section on page 1-2.