



Preface

Revised: July 2, 2009, OL-15337-07

Introduction

This document describes the network features and subscriber features supported by the Cisco BTS 10200 Softswitch. It explains the behavior of each feature from the end-user perspective, and the effect of provisionable options on feature behavior. This document is designed for engineers, technicians, and system administrators who install, configure, and operate the BTS 10200.

Organization

This Network and Subscriber Feature Descriptions document contains the following chapters:

- [Chapter 1, “Network Features”](#)—The BTS 10200 supports network features such as emergency services (911), operator services, SIP triggers, toll-free calling, information service calls, n11 calling, and NRUF support.
- [Chapter 2, “Lawful Intercept and Enhanced CALEA Features”](#)—The BTS 10200 supports the call data interface and call content function for lawful intercept, along with the provisioning interface required to configure a wiretap.
- [Chapter 3, “Subscriber Features”](#)—The BTS 10200 supports subscriber features such as call forwarding, call waiting, caller ID, hostage negotiation, multiline hunt group (MLHG), voice mail, and Centrex features.
- [Chapter 4, “Class of Service Restrictions and Outgoing Call Barring Features”](#)—The BTS 10200 supports class of service restrictions (controlled by the service provider) and outgoing call barring options (activated by the end users).
- [Chapter 5, “Feature Interactions”](#)—The system allows the service provider to assign features and services to subscribers, and allows for interactions among the features.
- [Chapter 6, “Interactive Voice Response Functions”](#)—The BTS 10200 supports interactive voice response (IVR) functions for features such as screening list editing, privacy screening, and no-solicitation announcement.

Obtaining Documentation and Submitting a Service Request

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Document Change History

The following table lists the revision history for the *Cisco BTS 10200 Softswitch Network and Subscriber Feature Descriptions, Release 6.0.x*.

Version Number	Issue Date	Status	Reason for Change
OL-15337-01	31 Mar 2008	Initial	Initial document for Release 6.0.x
OL-15337-02	23 May 2008	Revised	Information was corrected in the “Redirection of a Basic or Tandem Call” section on page 1-40. Some wording changes were incorporated in Chapter 4, “Class of Service Restrictions and Outgoing Call Barring Features,” to improve readability.
OL-15337-03	02 Jul 2008	Revised	Information was added in the “OHD Treatment for SIP Subscribers” section on page 1-21.
OL-15337-04	31 Jul 2008	Revised	Added information on CALEA interaction with Centrex and MLHG Feature. Added information on the block all inbound calls feature. Added information on Change Number feature.
OL-15337-05	18 Nov 2008	Revised	Updated the description information for the Change Number feature.

Version Number	Issue Date	Status	Reason for Change
OL-15337-06	11 Mar 2009	Revised	Updated the number AR requests information in the “Automatic Recall (AR)—Call Return” section on page 3-87. and updated the “CALEA Operation According to PacketCable 1.5 Specification” section on page 2-12.
OL-15337-07	2 July 2009	Revised	Added the subscriber types for which COT feature is inhibited. See “Customer-Originated Trace (COT)” section on page 3-91 for details. Updated the “Using IVR for Selective Call Forwarding” section on page 6-7. Updated the “Provisionable Parameters for VM and VMA” section on page 3-130. Enhanced the “Call Transfer (CT)” section on page 3-90.

