



Preface

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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.

Modification History

Feature History

Release	Modification
1.0	ISDN PRI was initially introduced.
3.5	ISDN PRI was enhanced to include certain PRI variants (PBX access) and selected PRI supplementary services.
4.1	-UNSUPP tokens were changed to -SUPP. Documentation change (08/25/2003)—Updated Figure 1-1 Removed the line “and in the FACILITY message in the network-to-user direction as an optional IE” from Table 1-1.
4.2	No change.
4.4.0	Added Generic and Info Digit features, revised Network Side and User Side graphics and content, reorganized provisioning content.
4.4.1	Added NFAS, and D-channel Backup provisioning and troubleshooting content.
4.5	No change.
5.0	Added status and control commands for D-channels and decoupled trunk group from the D-channel. Added support for multiple trunk groups in a single D-channel and ISDN backhauling using IUA/SCTP.

Industry Standards.

Standards	Title
RFC 3057	RFC 3057— ISDN Q.921-User Adaptation Layer
RFC 2960	RFC 2960—Stream Control Transmission Protocol

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also 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>