GLOSSARY

A

ACAR	Automatic Callback and Automatic Recall
AIN	Advanced Intelligent Network
AS	Application Server; an M3UA term that describes software that processes M3UA messages. The SGA.
ASP	Application Server Process; defines the IP interfaces to which the SG sends M3UA traffic.

B

BTS Shared Point Code Configuration	A configuration in which a Cisco BTS 10200 Softswitch OPC and the SG with which it connects share the same SS7 point code (OPC) value. In this configuration, the SG connects directly to an STP via SS7 A-links, F-links, or E-links.
BTS Mated STP Pair Configuration	A configuration in which the Cisco BTS 10200 Softswitch and the SG with which it connects do not share the same SS7 point code (OPC) value. In this configuration, the SGs operate as STPs.

C

CA	Call Agent.
Cisco BTS 10200 Softswitch	Cisco BTS 10200 Softswitch Active/Standby mated pair.
CNAM	Calling name delivery.

D

DAVA	M3UA Destination Available message.
Distributed MTP3	An M3UA term describing a signaling network topology in which two or more physical SGP nodes operate as a single SG node, thereby providing hardware redundancy.
DUNA	M3UA Destination Unavailable message.
DUPU	M3UA Destination User Part Unavailable message.

E

EMS Element Management System.

F

FS BTS Feature Server

FSAIN BTS Feature Server for AIN services such as LNP and 800 services.

FSPTC BTS Feature Server for POTS and Centrex services such as ACAR and CNAM.

G

GTT Global Title Translation.

I

ITP Cisco IP Transfer Point. This is the SGP that is used in combination with the Cisco BTS 10200 Softswitch to form the SIGTRAN signaling solution.

M

M3UA MTP3 User Adaptation Layer.

MIM M3UA Interface Module

MTP3 Message Transfer Part Level 3.

N

NMS Network Management System.

NSO Non-Stop Operation.

R

Routing Context   A value that uniquely identifies a routing key.

Routing Key   A set of SS7 parameters, such as DPC, OPC. SI, CIC-range, and SSN, that uniquely define the range of signaling traffic to be handled by a particular AS.

S

SCON   M3UA Signaling Congestion message.

SCCP   Signaling Connection Control Part.

SCTP   Stream Control Transmission Protocol. IETF standard for reliable transport over IP. Used instead of TCP/UDP/RUDP.

SEP   Signaling End Point.

SG Group   A Cisco BTS term that describes the pairing of SGs to form redundancy for the Cisco BTS 10200 Softswitch D-link solution. An equivalent ITP term that describes this pairing is SG Mated Pair.

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Signaling Gateway   A logical gateway that interconnects IP signaling over SIGTRAN to SS7 network signaling over SS7 (T1/E1) links. It can be made up of one or more signaling gateway processes. The solution described in this document allows a maximum of two SGPs (ITPs) to be combined to form a single SG.

Signaling Gateway Process   A physical gateway that interconnects IP signaling over SIGTRAN to SS7 network signaling over SS7 (T1/E1) links. One or more SGPs can be combined to form a single SG. The solution described in this document allows a maximum of two SGPs (ITPs) to be combined to form a single SG.

SIGTRAN   A group of IETF standards that describe the SS7 signaling functionality of hardware nodes that interconnect IP based networks to SS7 networks.

SGA   Signaling Gateway Adapter. A process on the Cisco BTS 10200 Softswitch that processes ISUP related calls.

SGP   Signaling Gateway Process.

STP   Signaling Transfer Point.

SUA   SCCP User Adaptation Layer.

T

TCAP   Transaction Capability Application Part

TFA   MTP3 Transfer Allowed message.

TFC   MTP3 Transfer Control message. MTP3 message for congestion indications.

TFP   MTP3 Transfer Prohibit message.

TSA   TCAP Service Adapter. A process on the Cisco BTS 10200 Softswitch that processes TCAP related calls.