







































































Translation Rules Example (Cont.)	
	Cisco.com
Where do you apply translation rules?	
Method 1: Applying Rules to POTS/VoIP Dial Peers Method 2: Applying Rules to a physical POTS interface	
Example: ! translation-rule 1 Rule 0 ^5 408525 Rule 1 ^6 408526 Rule 2 ^7 408527 ! port 1/0/0 translation called 1	
Useful commands: debug translation-rule detail test translation-rule 1 51122	
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Customer A	50 Customers, Toll Arbitrage and Clearinghouse	
Network Type	100% Cisco VOIP, Card, Systems Integrator	
Growth Areas of Interest	VOIP in Targeted Areas, Expand to ITSP in China	
# VOIP GWs	???	
Minutes of Traffic per Month	1 Million	
Number of POPs	5	
Location Profile of PPs	San Jose, New York, Miami, Mexico, Venezuela	
Traffic BHCA per POPs	18,000 BHCA per POP	















San Jose GW1		
		Cisco.com
GATEWAY CONFIG	1	
! hostname SJ-GW1 ! interface Ethernet0/0 ip address 10.1.1.1 255.255.255.0 h323-gateway voip interface	dial-peer voice 1408 pots destination-pattern 1408 port 0:D I dial-peer voice 1 voip destination-pattern 011T translate-outgoing called 1	
h323-gateway voip h323-id S LGW1	session target ras	
h323-gateway voip tech-prefix 1#	! gateway	
isdn switch-type primary-5ess ! controller T1 0 framing esf	translation-rule 1 Rule 0 ^0111.% 1 Rule 1 ^0112.% 2 Rule 2 ^0113.% 3	
clock source line primary linecode b8zs	Rule 3 ^0114.% 4	
pri-group timeslots 1-24 !	Rule 5 ^0115.% 5 Rule 5 ^0116.% 6 Rule 6 ^0117.% 7	
i interface Serial0:23	Rule 7 ^0118.% 8 Rule 8 ^0119.% 9	
ison switch-type primary-bess ison incoming-voice modem	! <strips 011="" access="" code="" the=""></strips>	
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-			Cisco.com
Diagram	Description	Details	Purpose
Cisco SC2200 Host	Signaling Controller AKA: Cisco SC2200 Host	Based on Sun Netra 1120s, 1400s and 1800s	Supports Over 60 Different ISUP Variants Into Q.931+ over IP
Cisco SC2200 Node	Signaling Link Terminal AKA: SLT	Based On 2611 with Special Cisco IOS Image for the SLT	Supports Terminating A or F Links and Encapsulating MTP 3 Layers and Above Over IP; Provides Muxing F Links Off E1s
AS5x00	Cisco Voice Gateway	Based On AS5300, AS5300	H.323 Voice-Over-IP Media Gateway Responsible for Voice Packetization, H.323 Signaling



































































