

Appendix – Additional Settings required for Swisscom (Switzerland) ISDN BRI

This appendix includes additional settings required for connecting Mediatrix 4400 and UC320W to Swisscom (Switzerland) ISDN BRI lines. These settings are in addition to those mentioned in the [Application Note Deploying Mediatrix 4400 ISDN Digital Gateways with Cisco Unified Communications UC 320W](#).

Configuring ISDN additional settings

1. Click **ISDN** in the menu bar, and then click **Basic Rate Interface**. The Basic Rate Interface page appears.
2. Enter the following settings:
 - Link Establishment: Select **Permanent**
 - Calling Name Max Length: Select **0**
3. In the **Apply to the Following interfaces** area. Click **Check All** to ensure that these settings are applied to all of the BRI interfaces of this gateway.

The screenshot shows the 'Basic Rate Interface' configuration page. The 'Select Interface' dropdown is set to 'Bri1'. The 'Interface Configuration' table is as follows:

Interface Configuration	
Endpoint Type:	TE
Clock Mode:	Auto
Monitor Link State:	Enable
Connection Type:	Point To Multipoint
Signaling Protocol:	DSS1
Network Location:	User
Preferred Encoding Scheme:	G.711 a-Law
Fallback Encoding Scheme:	G.711 u-Law
Channel Allocation Strategy:	Ascending
Maximum Active Calls:	0
Signal Information Element:	Disable
Inband Tone Generation:	Enable
Inband DTMF Dialing:	Enable
Overlap Dialing:	Enable
Calling Name Max Length:	0
Exclusive B-Channel Selection:	Disable
Sending Complete:	Enable
Send Restart On Startup:	Enable
Link Establishment:	Permanent
Hook-Flash Keypad:	

Application Note

4. Click **Submit**
5. In the ISDN menu bar, click on Services. Then Services Page appears.
6. Enter the following settings:
 - Facility Services: Select **Enable**
 - Calling Line Information Presentation: Select **Enable**
7. In the **Apply to the Following interfaces** area. Click **Check All** to ensure that these settings are applied to all of the BRI interfaces of this gateway.

Status Basic Rate Interface Interop Timer Services

Services

Select Interface: Bri1

Services Configuration	
Facility Services:	Enable
Calling Line Information Presentation:	Enable
Calling Line Information Restriction:	Disable
Calling Line Information Restriction Override:	Disable
Connected Line Identification Presentation:	Disable
Connected Line Identification Restriction:	Disable
Connected Line Identification Restriction Override:	Disable
Outgoing Notify:	Disable
Maintenance Service Call Termination:	Graceful
AOC-E Support:	No
MSN:	

Apply To The Following Interfaces

Check All Uncheck All

Bri1 Bri2

Submit

8. Click **Submit**

Configuring SIP additional settings

1. Click **SIP** in the menu bar, and then click **Registrations**. The Registrations window appears.
2. Enter the following settings for all Endpoints (BRI ports)
 - Register: Set to **Disable**
 - Messaging: Set to **Disable**
3. Click **Submit**
4. Restart all services (ISDN and SIP) as indicated in the Application Note.

✚ Registrations

Endpoints Registration Status				
Endpoint	User Name	Gateway Name	Registrar	Status

Endpoints Messaging Subscription Status				
Endpoint	User Name	Gateway Name	Messaging Host	MWI Status

Unit Registration Status			
User Name	Gateway Name	Registrar	Status

Endpoints Registration					
Endpoint	User Name	Friendly Name	Register	Messaging	Gateway Name
Bri1	<input type="text"/>	<input type="text"/>	Disable	Disable	all
Bri2	<input type="text"/>	<input type="text"/>	Disable	Disable	all

Unit Registration	
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