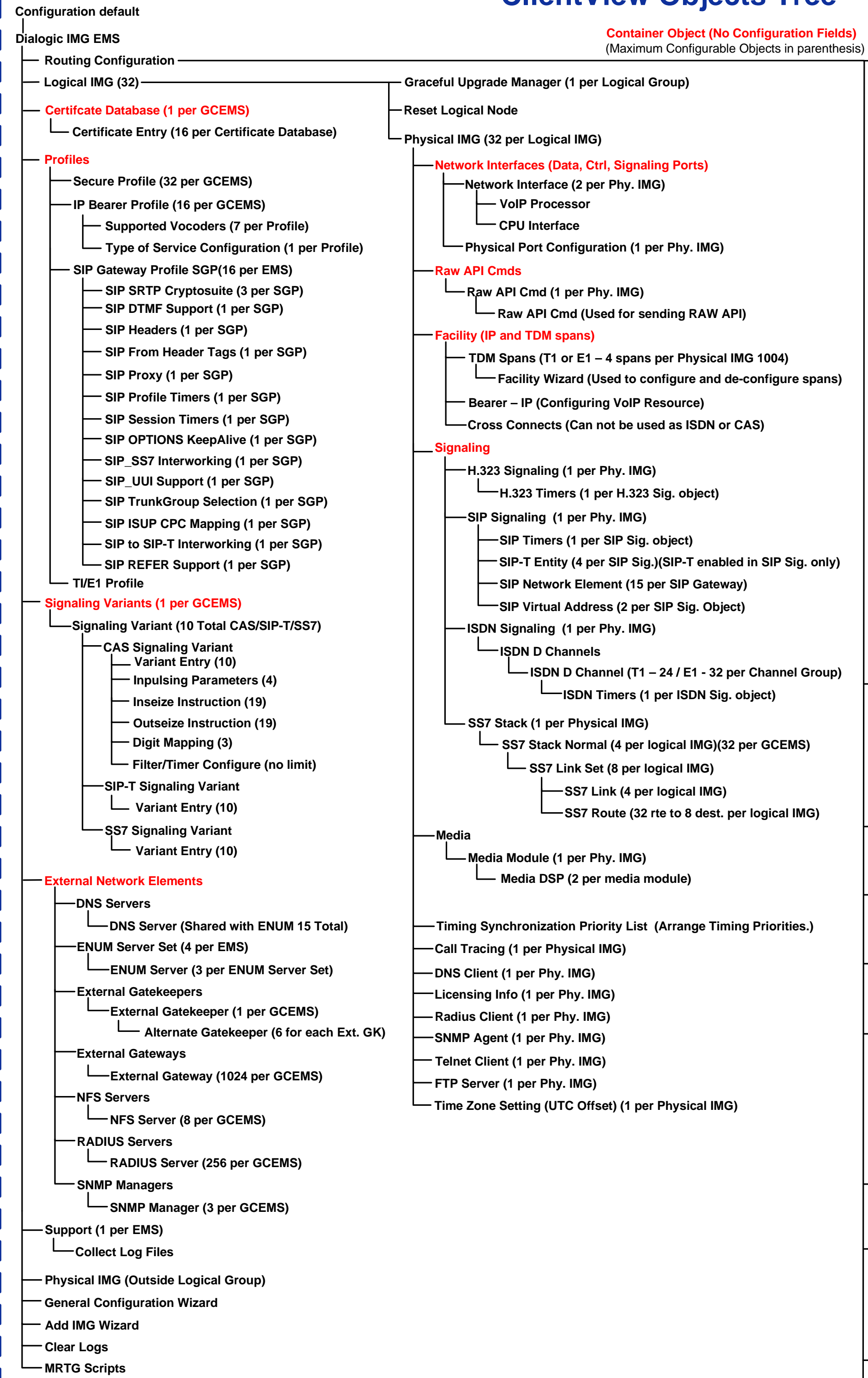
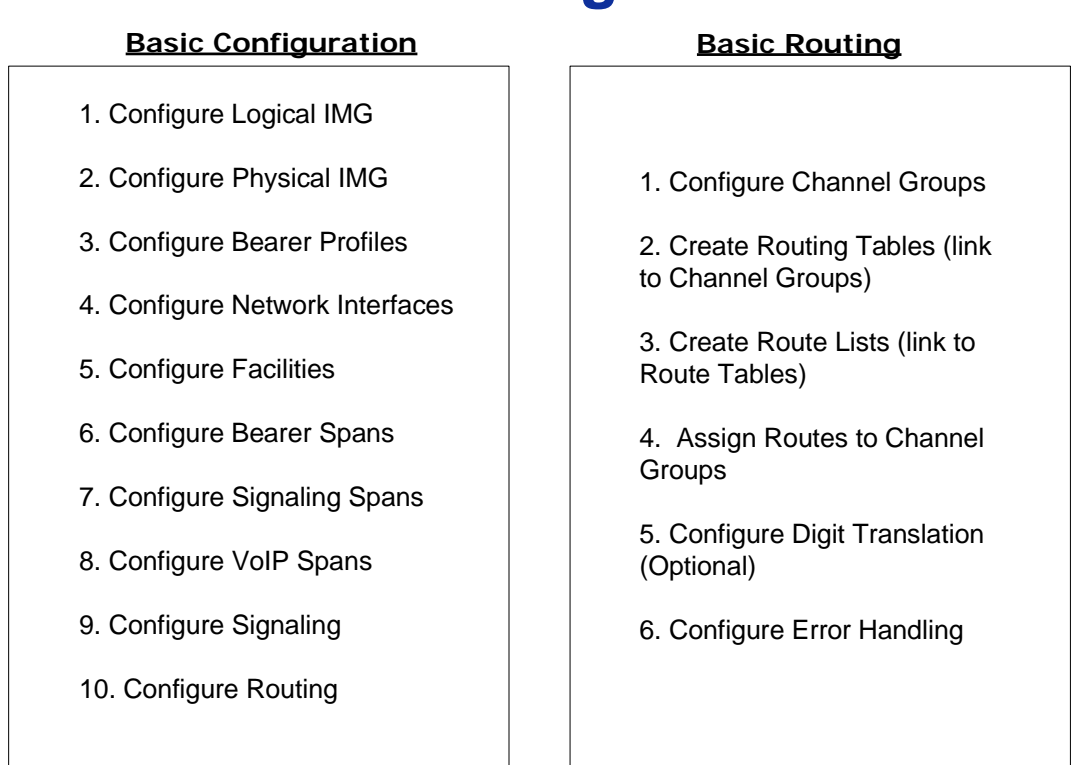


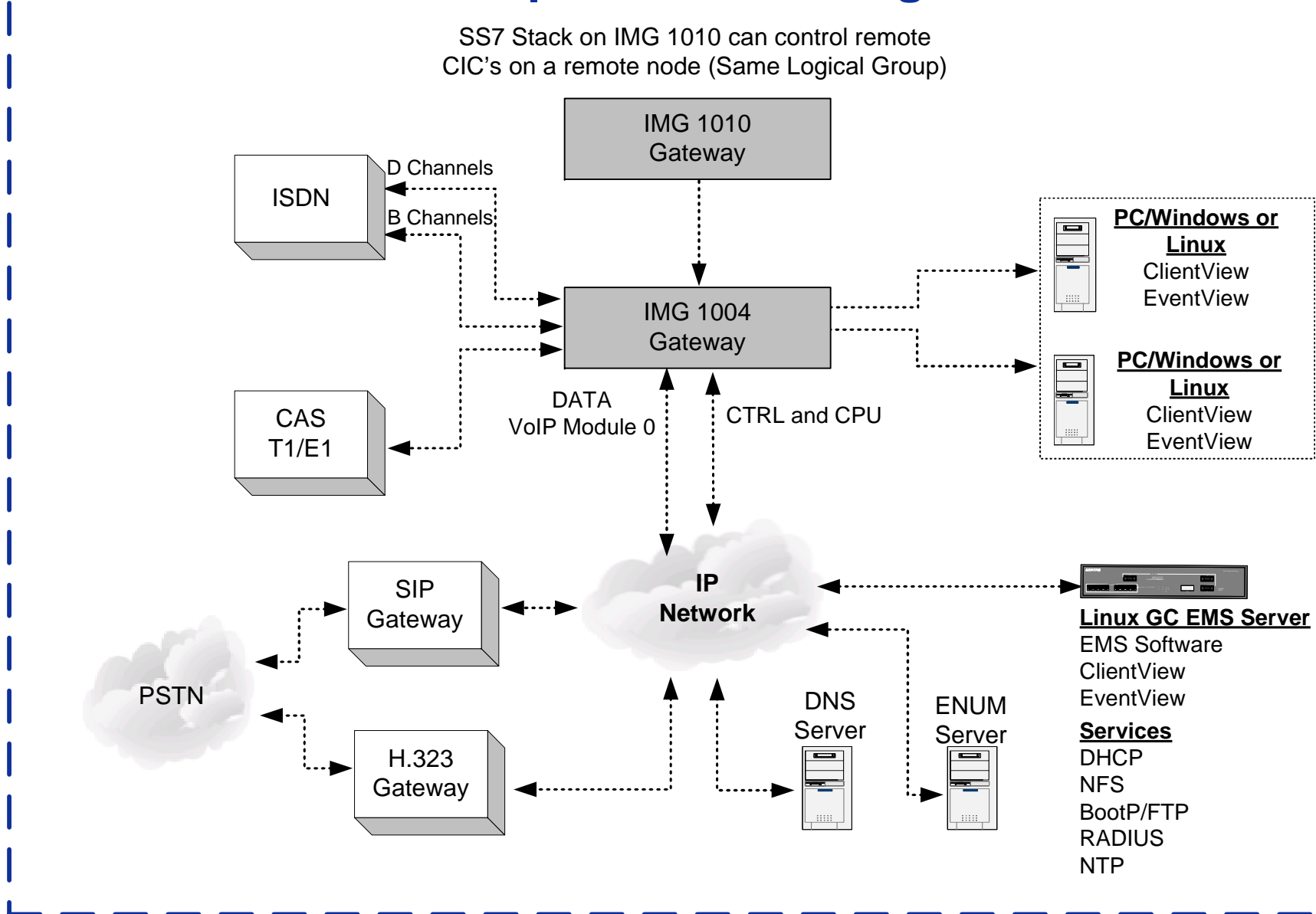
ClientView Objects Tree



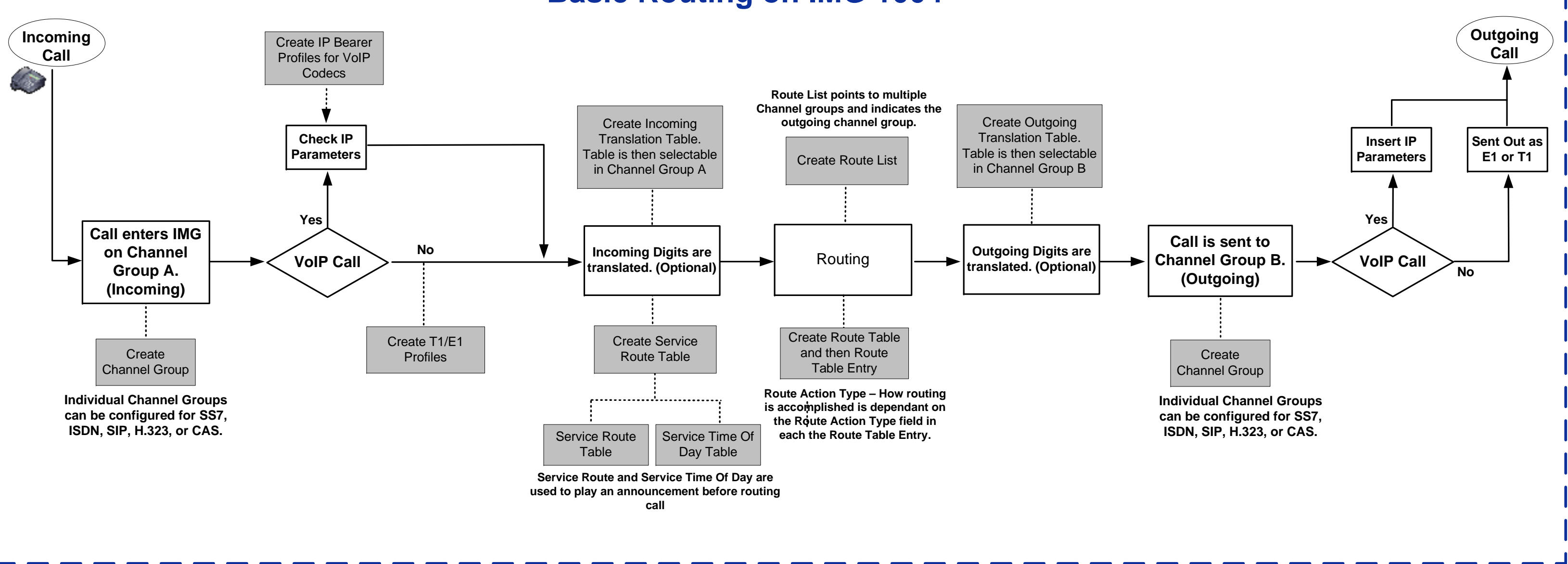
Quick Configuration



Sample Network Diagram



Basic Routing on IMG 1004



Network Interfaces

One Subnet Scenario

- 1) Ctrl Interface is utilized to communicate with GCEMS server and optionally handles SIP and H.323 signaling.
- 2) Control port IP address is configured through dhcpd.conf file
- 3) Data Port controls all RTP signaling
- 4) Data Port is configured under the Network Interfaces object in ClientView

Network Interface - CTRL	
Property	User Specified
Physical Interface	Ctrl Port
Logical Interface	Redundant Control
Address Type	IPv4
IP Address	0d: 192.168.0.101
Subnet	0d: 255.255.255.0
Default Gateway	0d: 192.168.0.1

Network Interface - DATA	
Property	User Specified
Physical Interface	VoIP Module 0:Port 0
Logical Interface	Redundant Data
Address Type	IPv4
IP Address	0d: 192.168.0.102
Subnet	0d: 255.255.255.0
Default Gateway	0d: 192.168.0.1

The Network Interfaces section uses factory-default IP addresses to illustrate a scenario where the IMG has both the DATA and CTRL ports on the same subnet. The DATA and CTRL ports can be configured for either one or two subnets. For more information on network connections See [Network Interfaces](#) in the On-line Help Manual.

- 1 – The CTRL interface is used primarily for communicating with the Linux Server (GCEMS). Loading software and other services such as NFS, NTP, and DHCP are the primary functions of the CTRL interface. Optionally, the CTRL interface can be utilized to carry VOIP signaling on the VoIP network.
- 2 – The DATA interface is connected to the VoIP network and is primarily used for transporting RTP. Optionally the DATA interface can be utilized to carry VoIP signaling on the VoIP network.
- 3 – Bearer Interfaces are connected to T1/E1 spans.
- 4 – Connects to a serial port and is used for CLI commands. Dialogic Technical Support Personnel may require access to this port for troubleshooting purposes

Guidelines

When setting up the IMG Network Interfaces and one Network is being used the following scenarios can be accomplished.

- 1) Configure a Network Interface for the VoIP processor on the DATA Port
- 2) The Ctrl port will be used for GCEMS management as well as the SIP and H.323 signaling. A network interface will not be configured for the SIP and H.323 signaling when using a single subnet.
- 3) Configure the IP address for SIP and H.323 in the Signaling Pane in ClientView. For H.323 or SIP signaling select the signaling IP address from the drop down list.
- 4) After configuring the IP address for RTP add a facility for the VoIP Processor.