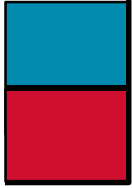
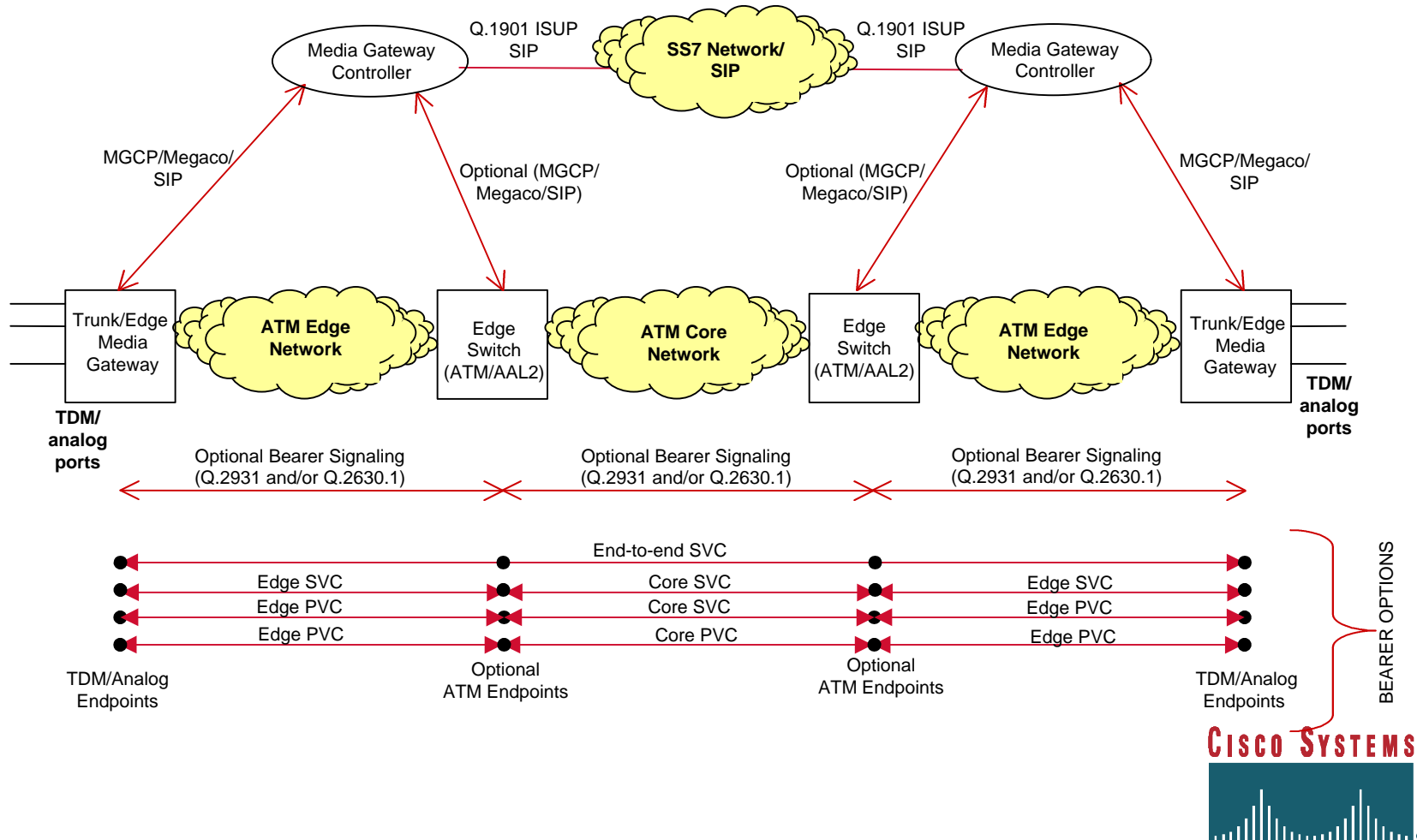


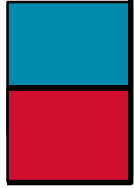
Status of ATM SDP work

- **Work item of Multiparty Multimedia Session Control (mmusic) WG**
 - +Last call before next IETF meeting
- **SDP conventions for controlling/describing ATM bearer connections**
 - +Preserve standard SDP (rfc2327) syntax
 - +Applications to use subsets
- **ATM applications addressed**
 - +SDP descriptions constructed by bearer nodes or call agents
 - +Used with SIP, MGCP, Megaco etc.
 - +Bearer connection types
 - SVC set-up for new service connection - AAL1, 2 and 5
 - Assign existing resources - VCCs (AAL 1, 2 and 5) and CIDs (AAL2)
- **Comments and discussions on mailing list atmsdp@engfore.com**
 - +Several, detailed comments in May - July 2000.
 - +All comments currently accounted for. Work is substantially complete.
 - +Need further critique, finalization and approval



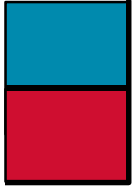
General Reference Model





Summary of Description Capabilities

- **Bearer Network Identification (ATM)**
- **ATM address self-identification**
- **VC and CID addressing**
- **RTP payload type declaration for AAL1 and AAL5 audio**
- **AAL2 profile declaration - standard, custom**
- **AAL5 applications include data, video, H.323c and af-vtoa-83**
- **Correlation of service-level connections with ATM bearer connections**
- **Mapping of codecs into services**
- **ATM parameters**
 - +Adaptation type, QoS class, ATM transfer capability / service category, broadband bearer class, traffic descriptor, ABR parameters, CPS parameters and SSCS parameters
- **Special capabilities:**
 - +Leaf initiated join, anycast, lawful wiretap, SVC caching



ATM SDP Examples (1)

```
v=0
o=- A3C47F21456789F0 0 ATM - -
s=-
c=ATM NSAP 47.0091.8100.0000.0060.3e64.f01.0060.3e64.f01.00
t=0 0
m=audio $ AAL1/AVP 18 0 96
a=atmmmap:96 G727-32
a=eecid:B3D58E32
```

```
v=0
o=- A3C47F21456789F0 0 ATM - -
s=-
c=ATM NSAP 47.0091.8100.0000.0060.3e64.f01.0060.3e64.f01.00
t=0 0
m=audio $ AAL2/ITU 8 AAL2/custom 100 AAL2/ITU 1
a=eecid:B3E32
```



ATM SDP Examples (2)

```
v=0
o=- 2873397497 0 ATM - -
s=-
c=ATM - -
t=0 0
m=audio $ - -
a=bearertype:SVC on
```

```
-----
m=data 7/6/$ - -
a=aalType:AAL5
a=aal5App:assuredSSCOP
```

```
-----
m=video 9/3/$ AAL5/AVP ITUMPEG2
```