MEGACO AGENDA

1. Agenda bashing — 2 min

2. Review of charter — 5 min

3. Requirements — 45 min

Objectives:
- Clarify core requirements.
- Identify extension work items we are prepared to support.

4. Target Media Gateway architecture. — 15 min

5. Protocol and API — 60 min

Objectives:
- Agree on operations to be provided by API
- Agree on basic protocol structure
- Consider specific protocol issues

6. Wrapup -- work program and schedule — 10 min

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MEGACO AGENDA (expanded)

3. Requirements 45 min

Core requirements: those which must be satisfied jointly by the protocol RFC and the MIB.

Extensions: must be capable of backward-compatible addition to core. Affects core work if core must change to allow this. Extensions are potential additional RFCs.

3.1 Presentations:

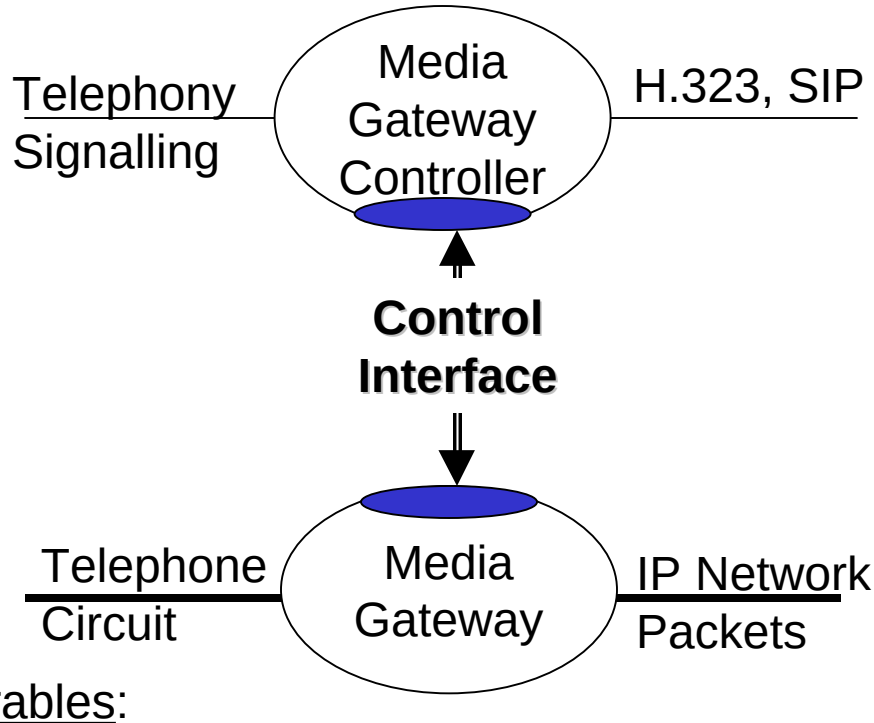
- Henry Sinnreich (Service provider requirements) 5 min
- Fernando Cuervo (Basic concepts) 5 min

3.2 Issues with proposed classification of requirements 15 min

3.3 Issues with specific requirements

- Scott Petrack (Signalling backhaul requirements) 5 min
- Performance requirements 5 min
- Endpoint programmability 10 min

Review of Charter



Deliverables:

- Informational RFC: Architecture and Requirements
- Standards track RFC: protocol between a Media Gateway Controller and a Media Gateway
- Standards track RFC: Media Gateway and Media Gateway Controller MIBs
- Information RFC: API for Media Gateway Control Protocol

Related Groups:

- SIGTRAN, MMUSIC, AVT, GSMP
- ITU-T SG 16, ETSI TIPHON, TIA, ECMA, ...

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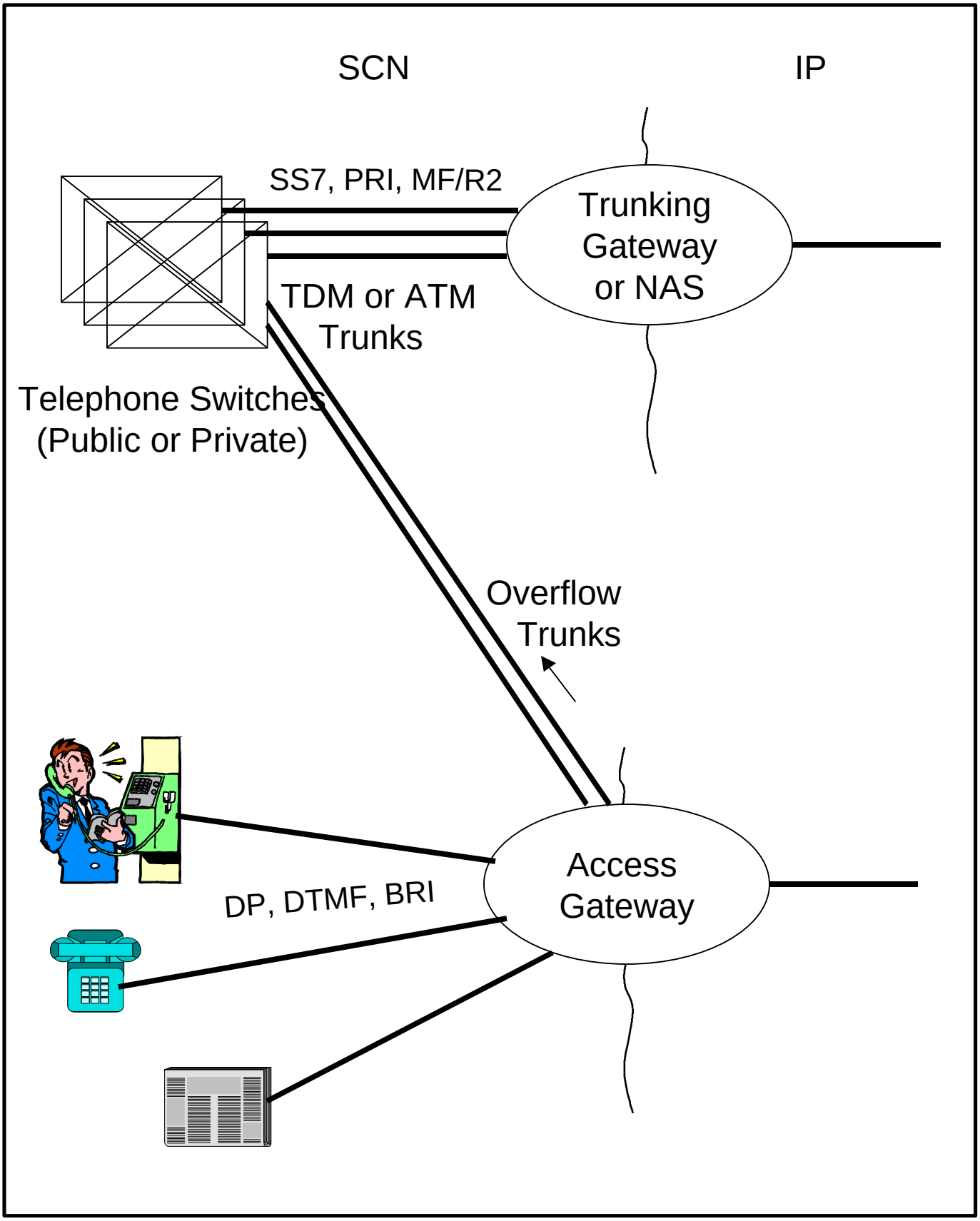

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Summary of Core Requirements

Applications:
Trunking gateway, access gateway including very small access gateway, NAS

Circuits:
Analogue and digital lines, TDM trunks, ATM AAL1/5 trunks, VTOA (ATM AAL2)

Connections:
Any-to-any.

Trunk Signalling:
Optional: operate CAS (MF, R2, …) via control interface

Line Signalling:
Optional: report DP, DTMF, supervision via control interface.
Required: able to ring line via control interface.

Internal Resources:
Locally applied tones, announcements.
Per-call wiretaps in trunking gateways.
Data modems in NAS.

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Summary of Core Requirements (cont'd)

Programmability:

- Option: control of digit collection.
- Option: program announcement/tone to terminate on hang-up or DTMF detected

Resource Management:

- Audits, resets.
- Administrative blocking.
- Congestion warnings.
- Notifications of failure and recovery
- Circuit tests
- Test loopbacks
- Configuration of defaults
- Endpoint registration

Control Associations:

- Secure control
- Startup, takedown, transfer of control association
- Rapid detection of failure
- Recovery procedures

Performance and Scalability:

- Performance per E.5xx GOS requirements
- 1-10000 circuits per gateway
- Very large (100-200 calls/sec) controllers

Exclusions From Core
(Candidates for extensions)

IVRs, call centres, key sets, coin phones

Non-IP Gateways/switches

Multimedia

Codec renegotiation

Shared control of Media Gateway

Bulk resource audits

Circuit-side n x 64 kbs, sub-rate, multi-rate

Conference ports

FAX

Proxying of control protocol

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