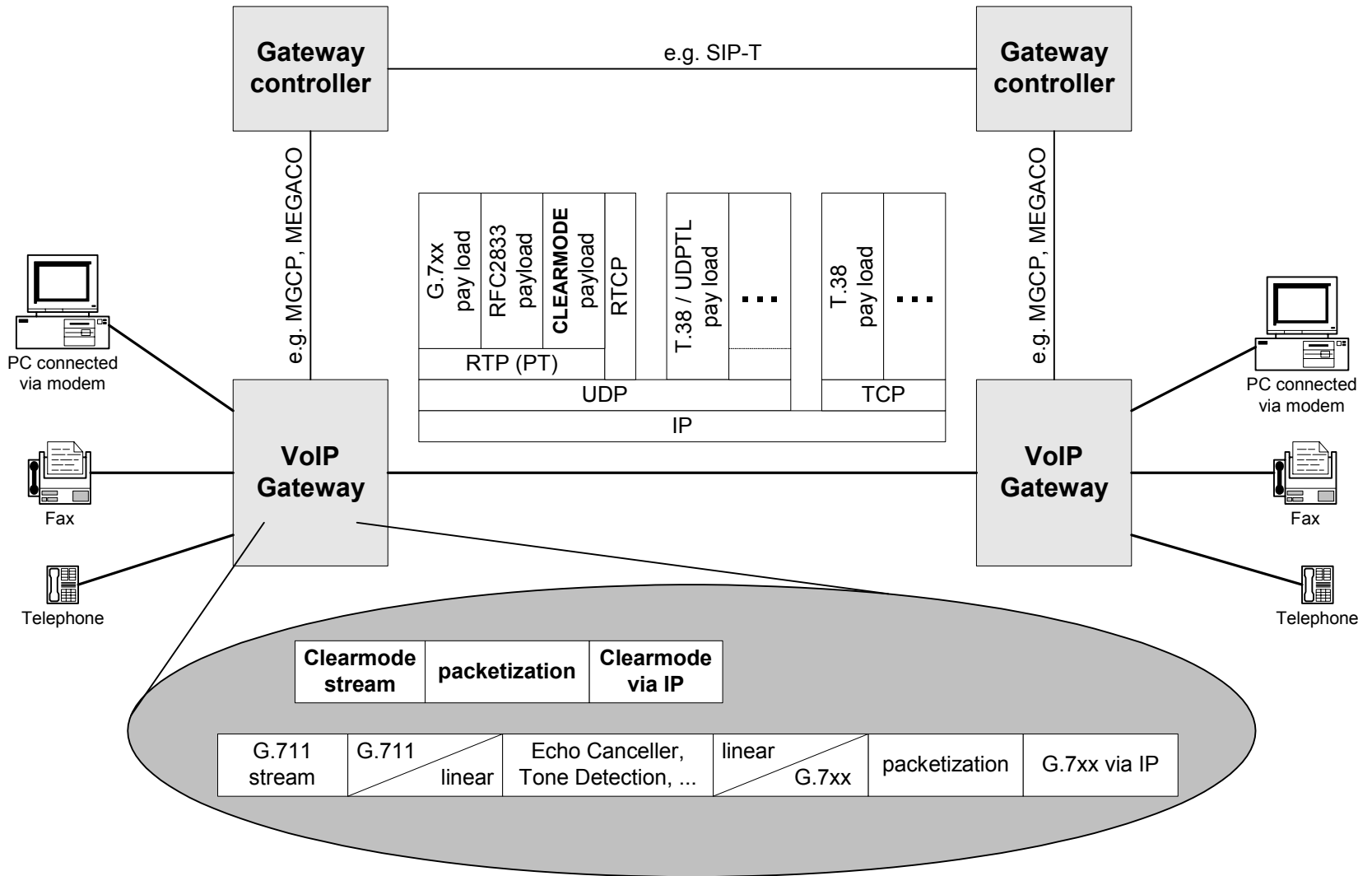


# VoIP network example



# draft-kreuter-avt-rtp-clearmode-02.txt

- describes a 1x64 kbit/s transparent connection via RTP
- provides the basis for an IANA registration of a public MIME Type for such a connection
- the proposed MIME Media Type is **audio/CLEARMODE**
- contrary PWE3's draft-vainshtein-cesopsn-xx.txt describes Nx64 kbit/s and T1/E1 and up "Channel Emulation Services" (CES)
- the payload according draft-vainshtein-cesopsn-xx.txt depends on an additional header within the RTP payload, which is incompatible to the 1x64 kbit/s payload in current VoIP solutions

## new parameter (will be added in version 03)

Optional parameters: `ptime`, **`maxptime`**

"`ptime`" gives the length of time in milliseconds represented by the media in a packet.

**"`maxptime`"** represents the maximum amount of media which can be encapsulated in each packet, expressed as time in milliseconds.

# new chapter (will be added in version 03)

## Mapping to SDP parameters

Parameters are mapped to SDP [7] in a standard way.

- o The MIME type (audio) goes in SDP "m=" as the media name.
- o The MIME subtype (CLEARMODE) goes in SDP "a=rtpmap" as the encoding name.
- o The optional parameters "ptime" and "maxptime" go in the SDP "a=ptime" and "a=maxptime" attributes, respectively.

An example mapping is as follows: audio/CLEARMODE; ptime=10

```
m=audio 12345 RTP/AVP 97
a=rtpmap:97 CLEARMODE/8000
a=ptime:10
```