The Name of the Game?

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For Viewers, the Name of the Game is Content

- When they want it
- Where they want it
- How they want it – in HD where available
- And everyone wants it
- simultaneously!

Bandwidth Isn't Infinite

- Satellite: 500 MHz per bird
- Cable: 750 MHz per ~300 households
- Telco: 20 Mb/s per drop
- Broadcast: 19.39 Mb/s per station

Advanced Codecs Are the Enablers

- AVC
- VC-1
- AAC and AAC+
- E-AC-3
- And no doubt more in the future

And it's Going to Get More Complex

- Home Networking
 - Media servers
 - Content discovery and indexing
 - EPGs are only the beginning
 - Taking it with you
- Everything that comes in, on whatever media, has to play together
- And you need DRM

Gatekeeping Won't Work

- Viewers want a seamless solution
- Home networks will carry compressed signals and metadata
- DRM has to work across the network
- Set-tops as media servers

Standards

- **IP**
- RTP
- MPEG-2 Transport
- CEA R7
- Can we build a common protocol stack everyone can live with?