


Understanding the Digital World

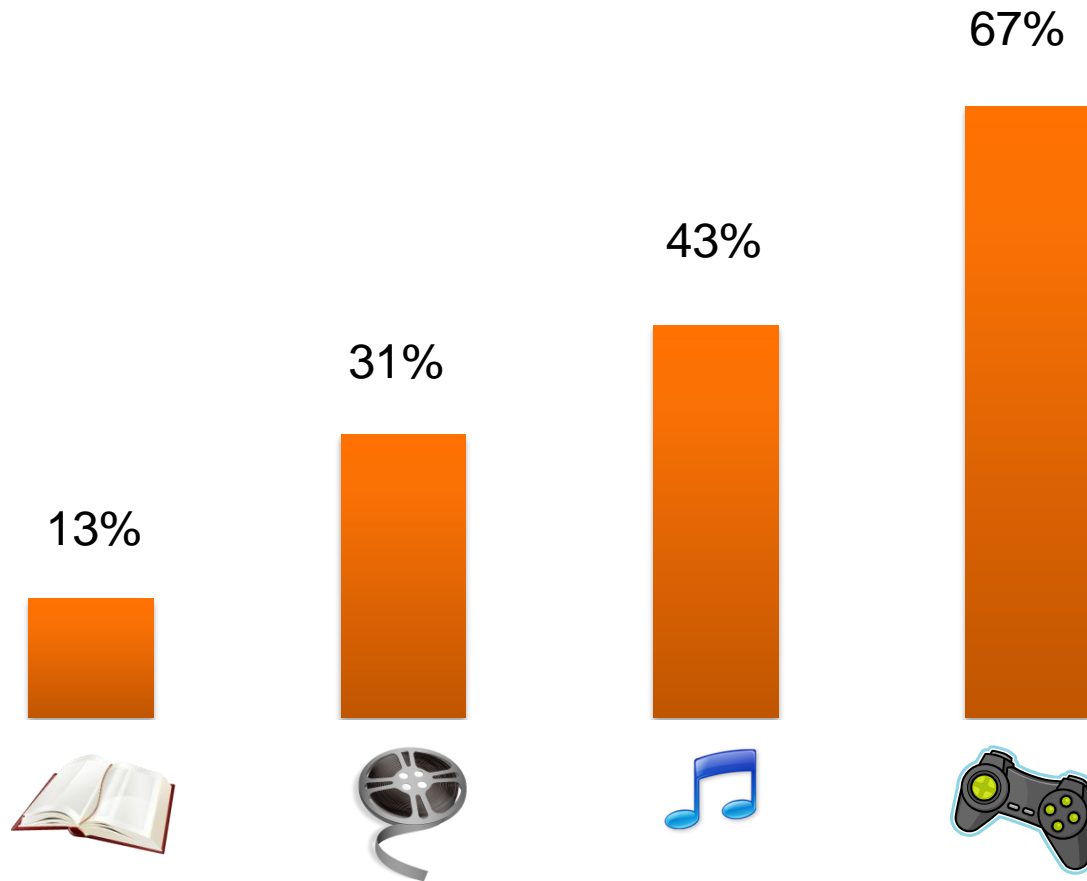
Trends in digital content

NEM SUMMIT

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37% of the content market is dematerialized



On-demand multiscreen video...

Dexter S1 2006
Live: 69%



Homeland S3 2013
Live: 32%

Video viewing time: 2013 VS 2012



Source: Ericsson ConsumerLab TV and Media, 2013

...on a subscription model

→ Music streaming

21 m subs



→ Online libraries

2 m subs



→ SVOD 67 m subs



Markets under pressure: volume does not offset decrease in prices...

Average price, in Europe, in 2013



Book
11.4 EUR



e-book
6.8 EUR



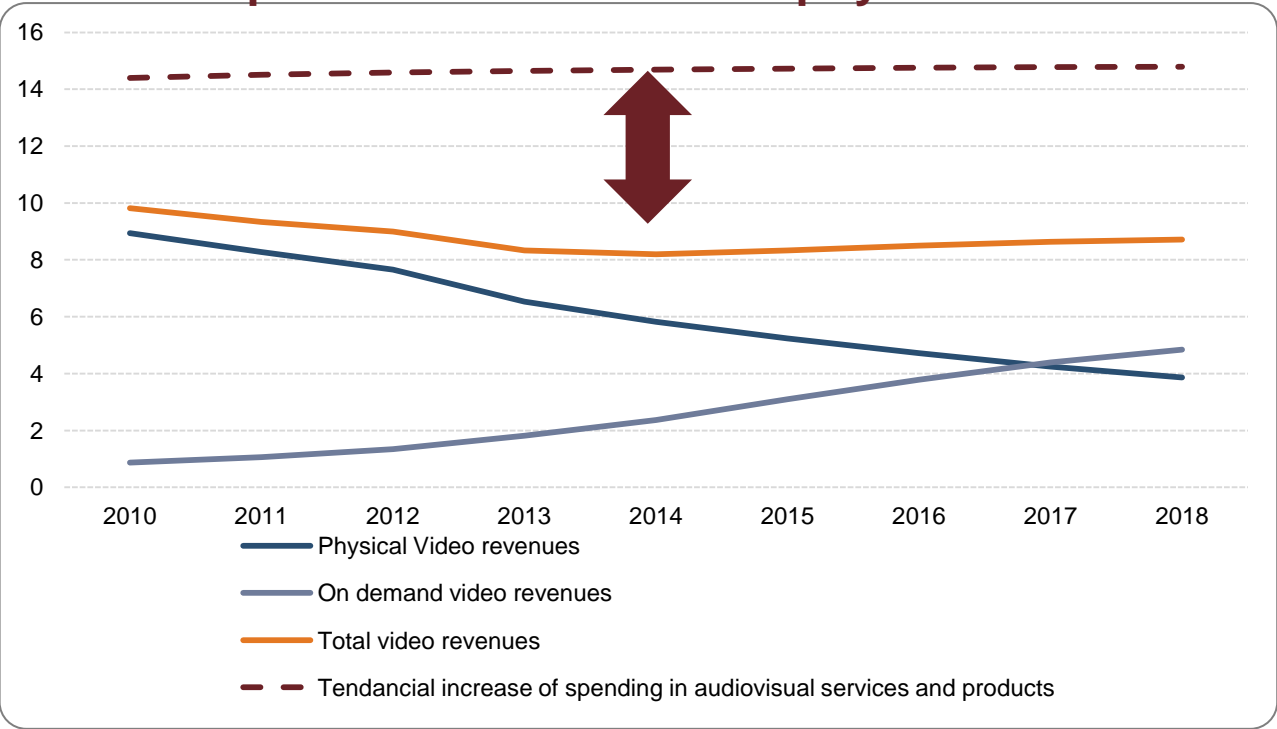
DVD
10.6 EUR



VOD
9.7 EUR

...and piracy

The piracy gap: dematerialization does not compensate for decrease in physical sales

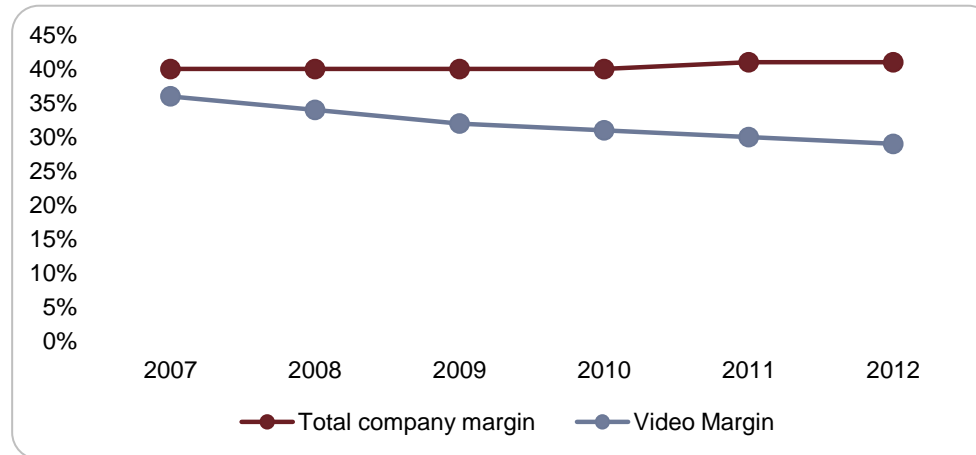


Distribution challenged: bundling at stake

→ US Cable has more broadband subscribers than video subscribers

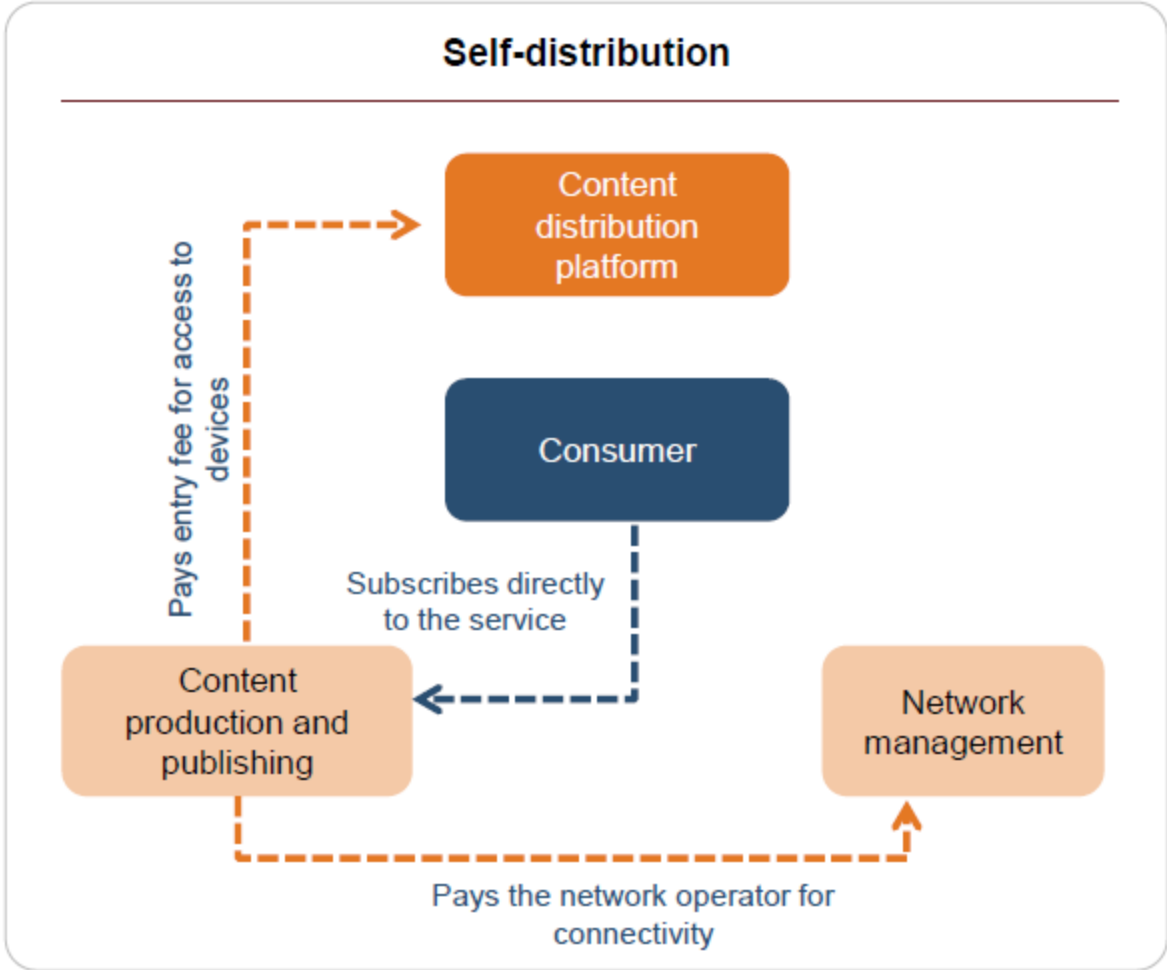
→ US households watch 17 out of 189 available channels

→ Higher margins for broadband than for video



Comcast total and video margins

Distribution challenged: self distribution



Source: IDATE, *Future TV 2025*, July 2014

Delivery networks: IP convergence, Cloud

→ IP Convergence

Contribution
Broadcast to IP
Hybrid networks

→ Cloud-based delivery

How Tivo migrated to the cloud



1999 – 2008
Most logic in client
STB

2008 - 2013
Migrated key functions
from STB to Service

- *Unified Search*
- *Recommendations*
- *Multi-Tenant Service*
- *Tablets, Smartphones, & SmartTVs*

2014 – 2016
Offer cloud
services
independent of
client device or
software

Content is king (again): Cord cutting...not for TV services

Penetration rate March 2012 and Sept 2013

While Netflix reached 30 m
subs in the US...



28% **HBO** 29%

21% **SHOWTIME** 23%

20% **starz**
TAKING YOU PLACES™ 22%

11% **CINEMAX** 14%

Content is king (again): Self-distribution means more investments in programming

		
Average retail price	15US\$	9 US\$
Share of consumer spendings invested in content	39%	67%

Content is king (again): Dematerialization means a higher share for content

Rightholders/producers share of the final market:

Physical

Vs

Dematerialized

41%



58%

46%



49%

39%



59%

21%



54%

Consolidation: winner takes all ?

 ***ITunes market share of the US music download market: 63%***

 ***World market share of the top 3 streaming services: 80%***

 ***US Market share of the top 4 rental VOD services: 90%***

 ***Netflix market share of the World SVOD market: 66%***

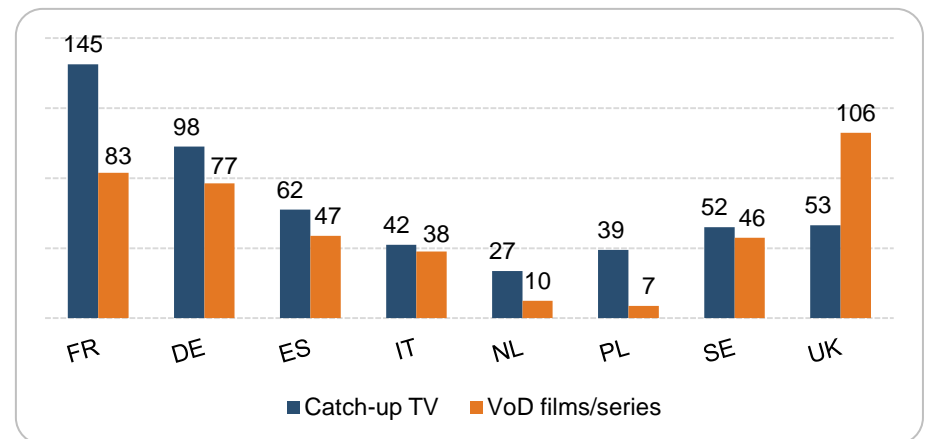
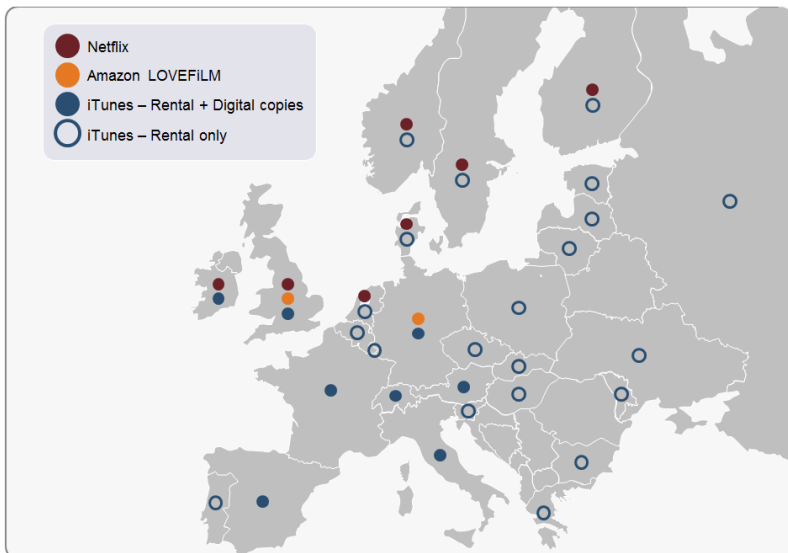
A fragmented Europe



VOD: 3 key US players in Europe



VOD: 500+ national players in Europe



Source : Observatoire Européen de l'Audiovisuel

To sum-up: productivity gains needed all along the chain

→ Delivery

**Cloud
Networks cooperation**

→ Advertising

**Real Time Bidding
Integration of mass advertising
and one-to-one marketing**

→ Production

**Big data
Post-production in the cloud
International distribution and
formats**

→ Marketing

**Big data
Yield management**