

# 2007 Mobile TV Distribution Market Map

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**Introduction**  
Welcome to the FirstPartner 2007 Mobile TV Distribution Market Map. This Market Map gives a concise summary of the Mobile TV landscape globally, describing the dynamics of the Mobile TV industry and highlighting key companies and trends.

## The Opportunity For Users...

Mobile TV is much more than traditional TV delivered to a small screen. In addition to being able to view content wherever they go - with a combination of linear TV, on demand TV and Podcast TV - viewers have access to easy-to-use programme guides, fast channel switching, interactivity and personalisation.

Multiple connectivity options and high capacity storage allow TV and video content to be delivered to the device through multiple channels and stored and viewed with complete flexibility. Downloadable Mobile TV clients offer consumers a convenient way to access services and search and select programmes and related content.

Interactivity and personalisation offer highly customizable viewing, for example delivering a notification when a viewer's favourite team has scored followed by a video clip and goal summary pushed to their device. Viewers can interact with friends and other communities - through commenting on or voting for their favourite contestant in a TV talent show - and can broadcast and share user generated video content.

Personalisation is valued by users. With Mobile TV delivered over the operator network, providers can create their own programme portfolio. Based on their video-on-demand consumption history, a recommendation engine can offer a tailored programme schedule. Advertising can also be highly targeted, reducing viewing costs and ensuring relevance to the viewer.

## For Content Owners and Broadcasters...

As TV and video content consumption becomes increasingly fragmented, Mobile TV provides another potential channel to reach and engage viewers regardless of their location and generate incremental revenues from content and advertising.

## For Mobile Operators...

Mobile TV and video content offers the opportunity to increase engagement with subscribers, drive uptake of mobile data services, increase ARPU and realize new advertising based revenue streams.

## Technology Enablers

With the exception of South Korea, where free services have been adopted by over 6M users, mobile TV markets are still at an early stage of development with demand and business models largely unproven. Key enablers to market success will include sufficient penetration of compatible handsets, acceptable costs to the consumer and effective user experience. In terms of underlying fundamentals:

- 3 Billion mobile subscribers by year end 2007
- 4 Billion mobile subscribers by 2010
- Bandwidth per user is increasing
- Usage cost per user is decreasing

Ericsson Mobile TV Booklet 2007

## Mobile TV Trials

Over 80 Mobile TV trials have taken place globally and already a handful of services have launched. Territories with live services include South Korea, Italy, Finland, India, Philippines and Vietnam.

The majority of trials are already committed to turn into genuine services, in some cases with a nationwide footprint, in others in limited regions. By 2009 there will be 50-60 Mobile TV services deployed. Some trials include:

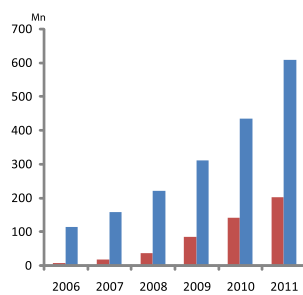
- Ericsson and NRK since 2005 - Netherlands
- Arqiva and O2 2005 - UK, Oxford
- CANAL+, Nokia, SFR & Towercast since 2006 - France, Paris
- TV2GO, Zentek, NCS, Nokia & Samsung since 2006 - Singapore Nationwide

## Case Study Mobile TV, 3, Italy

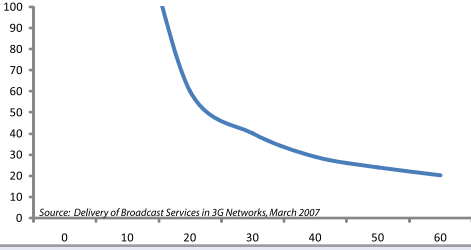
3 Italia, the Mobile Media Company of the Hutchison Whampoa Group, was the first company in the world to launch commercial DVB-H mobile TV services. Its customer base was 100,000 one month after the launch on June 5th 2006, increasing to 400,000 by the end of December 2006. By May 2007, the company was reporting a customer base of 600,000. First audience measurements show a polarisation towards thematic channels (average weekly share 71%), while classic TV channels get a 29% weekly audience. In-house produced La3 Sport and La3 Live together get a 22% average share. Rai and Mediaset channels reach respectively a 15% and 14% average share. Customers show a high interest in sports (total average share of 28%) and news (top share of 30% is reached in the morning), while entertainment reaches a 15% average share.

## Future Market Drivers & Mobile TV Uptake

The graph below shows the rapid increase anticipated in handsets annually, with huge leaps during 2009, when 53mm broadcast TV enabled handsets are expected to ship. The graph also includes 3G enabled handsets as these devices are also able to receive Mobile TV.



**Future Market Barriers**  
As Mobile TV uptake increases, the capacity limit of HSDPA is potentially challenged. The graph below shows TV usage in minutes (x-axis) vs. Addressable market - % of total subscribers (y-axis). For instance, assuming a TV usage time of 30 minutes per 12 hour, the capacity limit of HSDPA is reached if 40% of the customers are subscribed to the Mobile TV service. Hybrid services utilising Broadcast technologies for mainstream programming and network capacity for Video on Demand and specialist content are expected to alleviate the pressure on mobile networks.



## FirstPartner

FirstPartner is a fast growing strategic marketing and research agency. No other agency has the strength of understanding technology and its impact on changing customer behaviour, combined with marketing know-how.

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How To Interact With Mobile TV

Technology Value Chain

Research & Standards

