

The Future of STBs - Challenges and prospects in an IP world

https://marketpublishers.com/r/FF018A9F17CEN.html

Date: February 2015

Pages: 49

Price: US\$ 3,300.00 (Single User License)

ID: FF018A9F17CEN

Abstracts

In recent years, television STBs have experienced many changes related to the ever-growing supply of digital TV services and the profound changes we are seeing in how video is consumed. With the growth of IP and competitive OTT offerings, technological advances in both software and hardware, and the emergence of new competitors, the future role of STBs in homes is now under scrutiny. IDATE reports on the TV STB market by analysing the current situation and significant developments in technology, consumption and regulation. The report looks at existing business models, the impact of broadband's expansion and various market dynamics depending on the type of network used. It also details the various disruptive factors affecting the future of STBs and offers various scenarios for their role in homes by 2025.



Contents

1. EXECUTIVE SUMMARY

2. METHODOLOGY & DEFINITIONS

- 2.1. General methodology of IDATE's reports
- 2.2. Methodology specific to this report

3. STRUCTURE OF THE TV & VIDEO DEVICE MARKET

- 3.1. Market overview
 - 3.1.1. Market segmentation
 - 3.1.2. Constantly expanding range of services available to consumers
- 3.2. Estimate of the current TV STB market
 - 3.2.1. The TV STB market by network
 - 3.2.2. The TV STB market by region

4. DRIVERS OF CHANGE

- 4.1. Technological developments
 - 4.1.1. Integration of an IP-based environment
 - 4.1.2. New security solutions
 - 4.1.3. Performance increases in signal processing
- 4.2. Consumption habits
- 4.2.1. Any Time: non-linear viewing habits constantly growing
- 4.2.2. Anywhere: access to content no longer limited to living rooms
- 4.2.3. Any device: multi-screen consumption at the expense of main TV consumption
- 4.2.4. Any Content: abundant offerings and growing interest in online video content
- 4.3. Regulatory environment
- 4.3.1. Legal obligations related to the digital transition
- 4.3.2. Devices creating competition for STBs
- 4.3.3. The Net Neutrality debate

5. INDUSTRY ORGANISATION & STRATEGY

- 5.1. Industry structure
 - 5.1.1. The changing needs of STBs by network
 - 5.1.2. The Internet's impact on the STB market



- 5.1.3. Business models
- 5.2. Case studies
 - 5.2.1. Device positioning by segment
 - 5.2.2. Case studies
- 5.3. Strategic analysis
- 5.3.1. The role of STBs is being challenged with the new video consumption environment
 - 5.3.2. The broadcast market is a precursor
 - 5.3.3. New options for cable and IPTV networks
 - 5.3.4. A shift towards improved operational flexibility
 - 5.3.5. Interface wars
 - 5.3.6. Long-term evolution

6. 2025 SCENARIOS

- 6.1. Analysis of disruptive factors
- 6.2. Three TV STB scenarios over the next ten years



Tables & Figures

TABLES & FIGURES

- Table 1: Summary of Numericable-SFR's cloud gaming offering via its STB
- Table 2: Annual sales of digital STBs in 2014, by region
- Table 3: Distribution of bandwidth consumption during peak hours, North America
- Table 4: Availability of two OTT television services (with live programming) from satellite pay-TV operators
- Figure 1: Example of a Headed MHG with several video outputs (LaBox from Numericable)
- Figure 2: Example of a Headless MHG, without any video outputs (Freebox Server)
- Figure 3: Sony's triple-tuner TV (cable, terrestrial, satellite)
- Figure 4: Examples of a streaming box and HDMI dongle
- Figure 5: Example of recording a complete series from an STB
- Figure 6: UPC Ireland's multi-room service
- Figure 7: Swisscom TV's application
- Figure 8: Example of a hard drive pre-loaded with 4K movies (Samsung)
- Figure 9: Tata Sky 4K STB
- Figure 10: Example of an online radio service integrated into an STB
- Figure 11: Example of video surveillance solution integrated into an MHG
- Figure 12: Digital STB sales worldwide in 2014, by STB type, 2014
- Figure 13: STB installed base (analogue + digital), worldwide, 2010–2014
- Figure 14: Cable STB installed base (analogue + digital), worldwide, 2010–2014
- Figure 15: Satellite STB installed base (analogue + digital), worldwide, 2010–2014
- Figure 16: Terrestrial STB installed base (analogue + digital), worldwide, 2010–2014
- Figure 17: IPTV STB installed base (analogue + digital), worldwide, 2010–2014
- Figure 18: Growth of the digital STB installed base by region, 2010–2014
- Figure 19: Digital STB sales in North America
- Figure 20: Digital STB sales in Europe
- Figure 21: Digital STB sales in Asia–Pacific
- Figure 22: Digital STB sales in Latin America
- Figure 23: How the SAT>IP protocol works
- Figure 24: Panasonic TV equipped with SAT>IP
- Figure 25: How a Common Interface system works with a CAM manufactured by Aston for Fransat
- Figure 26: Expected compression gains with HEVC
- Figure 27: Linear and non-linear consumption in the United States, 2012–2014
- Figure 28: Proportion of non-linear consumption of an FX television series



Figure 29: Weekly multi-screen consumption duration

Figure 30: Example of a CableCARD-compatible TV

Figure 31: Video consumption growth in Internet traffic in the United States, 2013–2018

Figure 32: Theoretical migratory plan to an IP model for cable operators

Figure 33: Breakdown of terrestrial FTA and pay-TV homes worldwide, 2014

Figure 34: Example of a hybrid DTT STB offered by TiVo

Figure 35: Interface of Channel Master's over-the-air hybrid STB

Figure 36: Triple play service via LTE offered by Indian operator Reliance Jio

Figure 37: The Speedport Hybrid LTE modem from Deutsche Telekom

Figure 38: Comparison between the STBs provided as part of DirecTV's and Dish's pay-

TV offerings, according to the two providers

Figure 39: Example of Sky's pricing policy for their STBs

Figure 40: Device positioning by segment

Figure 41: All-IP Xi3 STB, HDMI-only (Pace)

Figure 42: Hybrid DTT STB developed by Netgem

Figure 43: Integration of the operator at the heart of the TV

Figure 44: Roku

Figure 45: TCL 4K TV with 'Roku TV' technology integrated

Figure 46: How Samsung's integrated TV works

Figure 47: Sky+ HD STB

Figure 48: Horizon Media STB

Figure 49: Hybrid LTE/DTT STB

Figure 50: Conditions affecting the three TV STB scenarios over the next ten years

LIST OF PLAYERS EXAMINED

Comcast X1 Entertainment Operating System

Sky+HD

Netgem, hybrid TV STBs

Roku

TeliaSonera / Samsung

Samsung Integrated TV set

UPC horizon TV

Svelte, hybrid LTE STB)



I would like to order

Product name: The Future of STBs - Challenges and prospects in an IP world

Product link: https://marketpublishers.com/r/FF018A9F17CEN.html

Price: US\$ 3,300.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/FF018A9F17CEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970