HbbTV services, solutions and devices at IBC 2016

Hall 14 / Booth J13   **Contact: Akim Benamara**

ABOX42 is a leading provider of IPTV, OTT and Hybrid-DVB SmartSTB platforms and services for network operators and service providers. At IBC 2016 ABOX42 will introduce its latest Smart STB platform M50 (available as IPTV/OTT and Hybrid version) with support of 4K/UHD and HEVC/H.265 to freely mix DVB-C, S2, T/T2 services with IPTV and OTT video delivery, as well as HBBTV and other web based applications. With ABOX42 new OTT DVB technology it is the first time possible to use HbbTV with OTT streaming in a network environment, where HbbTV is not essential part of the DVB signal. The ABOX42 Total STB Solution approach supports fast application development, short project cycles, full software lifecycle management. The additional ABOX42 OPX TV application provides a solution to deliver all essential TV services with a modern TV UI. The ABOX42 OPX SaaS & Cloud TV services allow the operator to easily deploy, manage, operate und upgrade its services in the field during the entire lifecycle. Find more information about the ABOX42 Total STB Solution at: www.abox42.com

Hall 14 / Booth D14   **Contact: Robert Guest**

ACCESS showcases its industry-leading NetFront Browser family, providing a true choice of HbbTV solutions based on Chromium or Webkit engines.

Embedded browser Software Development Kits (SDKs) are available for HbbTV 1.5 and HbbTV 2.0, enabling the provision of companion applications, second screen experiences and multiscreen solutions.

The NetFront solutions portfolio also supports DLNA, remote user interface (RUI), and VidiPath for the provision of premium services, plus browser based encrypted media extensions (EME) for HTML5 based services. Freeview Play support, which leverages HbbTV 2.0 and other standards such as DIAL, is also available for the Chromium based NetFront Browser BE and the WebKit based NetFront Browser NX, making the ACCESS Browser family the most comprehensive solution available for the widest range of chipsets. ACCESS NetFront Browser solutions are the most widely deployed embedded HTML engines in the world today, shipped in over one and a half billion devices around the world, including digital TVs, set-top boxes, mobile phones, games consoles, e-readers, and much more. ACCESS can be found at booth 14.D14 and would be very happy to meet and discuss HbbTV, HTML5 and our innovative Twine multiscreen solution.
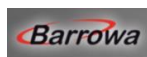
Hall 1 / Booth F36

Alticast develops multi-screen solutions that enable service providers to quickly and reliably deliver innovative TV experiences to every customer. Alticast's STB software, CAS/DRM, Smart UI/UX and Cloud Server solutions are based on non-proprietary software such as HTML5, RDK and GEM. The most deployed digital television provider, Alticast securely brings compelling personalised and interactive content to more than 46 million devices via broadcast, broadband and mobile platforms. The publicly traded company is head quartered in Seoul, South Korea with major offices in Amsterdam, Netherlands, Broomfield, Colorado and Hanoi, Vietnam. For more information, visit www.alticast.com and read Alticast's blog, TV Ready Forum, at www.tvreadyforum.blogspot.com.

Hall 14/ Booth J15
(Content Everywhere)

Contact: Enric Torres Feixas

Anglatècnic is a company founded in Barcelona in 1999 specialising in the engineering and development of software systems for the broadcast sector, implementing and integrating its own solutions for content insertion and broadcast monitoring in many TV stations and broadcasting companies. At IBC we will be presenting one of our main lines which is "Accessibility and Data in TV", a modular suite for the creation and cataloguing of contents with its corresponding broadcast in the DVB signal allowing TV stations to offer accessibility services to its programmes and send additional contents to its audience via HbbTV technology. At our booth we will also demonstrate HbbTV signalling and show on a smart TV our HbbTV launcher which links to several HbbTV applications, some developed by Anglatècnic and others belonging to suites of HbbTV providers such as Sofia Digital and Castoola.

Hall 1 / Booth F34s

Our products include: EPG, DVB-SI, DVB-PSI, PSI/SI, HbbTV, DVB-SSU (OTA), DSM-CC and OTT. With Sundial's focus on safe, reliable ease of use and predictive alarms it builds on open standards and a wide range of existing interfaces to provide seamless integration into terrestrial, cable, satellite, OTT, IPTV and hybrid operations – where it delivers reliable and accurate PSI/SI, Electronic Programme Guide, Object Carousel and HbbTV signalling to any platform. For ultimate accuracy Sundial can be integrated into broadcaster's workflow to provide real-time EPG and dynamic HbbTV signalling synchronised to video content, thereby enabling new advanced context aware features like interactive news per segment or interactive ads. Quality of data, supervision and resilience are key factors in delivering a consistent and trustworthy viewer experience. Sundial is already in operation worldwide at small, medium and very large enterprises delivering 24x7 consistent and trustworthy viewer experience.

Hall 2 / Booth B39c

Contact: Pascal-Hippolyte BESSON

With headquarters located in Paris and sales offices in Spain, Sweden and Brazil, DOTSCREEN is one the leading European multi-screen app developer and UI specialised agency. The company has already completed over 200 apps video applications on all smart TV brands, OTT boxes (Roku, Apple TV, Android TV), set-top boxes, game consoles (Xbox 360 & One, PS3 & 4), smartphones and tablets (iOS, Android, W10, Tizen), connected car radios, smartwatches and Oculus Rift. Our HbbTV customers are TF1, France Télévisions, Eutelsat, Fransat, Globecast... At IBC, we will showcase our suite of HbbTV apps including a portal, VOD applications, Catch-up TV, electronic programme guide, radio/audio, weather, zapping banner, car traffic info, horoscope and news. It is offered under licence to television channels and digital operators (satellite, cable, ipTV, DTTV).

Hall 5 / Booth A17   **Contact: Lindsay Spencer**

coeno demonstrates a multiscreen solution for OTT services with an innovative user interface. Coeno specializes in creating concepts and designs of UIs for digital devices and platforms including HbbTV and draws on its extensive usability knowledge and experience from multiple projects. By following a user-centered design approach coeno's products guarantee a best-of-class user experience. At the Axinom booth coeno presents a multiscreen UI for PVR, EPG, Live TV and VoD solution that is based on the Axinom CMS.

Hall 5 / Booth A17   **Contact: Lindsay Spencer**

DTG Testing is the DTG's independent and not-for-profit ISO 17025 accredited test lab and a registered test centre for HbbTV conformance testing. We provide testing, testing development and training services across the world including UK Freeview Play, Ghana, New Zealand, and South Africa and are actively working on 700 Clearance. DTG Testing is an active member of HbbTV, chairing the HbbTV Test Group, acting as vice-chair of the Certification Group and appointed to the Steering Group, as well as supporting the development and maintenance of the HbbTV test suite. Our team of professional test developers and test engineers supply productive and cost efficient test management with the highest levels of service and support. For more information please contact customerservices@dtg.org.uk.

Hall 10 / Booth F20   **Contact: Peter MacAvock**

The European Broadcasting Union (EBU) is the world's leading alliance of public service media. We serve 73 Members in 56 countries that run over 780 TV and 1,040 radio services and broadcast in 123 languages to a potential audience of 1.03 billion people. An additional 34 Associates operate in Asia, Africa and the Americas. The EBU operates Eurovision and Euroradio. Our Technology & Innovation Team helps to accelerate technology innovation, delivering superior expertise, quality and commitment to members. Visit our stand (10.F20) to find out more!

Hall 5 / Booth C32

EKT says: We've got the power!! One of the worlds fastest growing Set Top Box companies, EKT is continuing to offer more value to its customers by adding a fantastic range of new products to its portfolio. This year, EKT has the power. The power, to deliver an amazing range of Operator Televisions. EKT has succeeded in building our Set Top Box technology into a high grade, European built television set allowing today's operators to take back control of the living room. By integrating the Operator User Experience into a SMART TV set, EKT allows each operator to create a truly compelling offer to its customers. Furthermore, we offer one of the widest product ranges of Set Top Boxes and Modems in the market. Find out about our cost efficient HEVC solutions and our complete range of DOCSIS modems. Come and see how we have the power to amaze you!

eurofins | Digital Testing

Hall 5 / Booth B17   **Contact: Peter Cope**

Drop by our stand in Hall 5 to discover more about our market-leading Ligada iSuite for HbbTV test harness and test suite, now supporting HbbTV 2.0.1 features such as HTML5, Companion Screen and Media Synchronisation. This is a comprehensive solution for enabling interoperability and conformance testing of HbbTV receivers across multiple territories. Ligada iSuite for HbbTV provides automated test support for a range of national HbbTV profiles including Australia, New Zealand, UK Freeview Play, Malaysia, Spain, France and NorDig. Ligada also includes a DRM test suite and a built-in network impairment simulator for DASH validation. We will be showing our new application and player testing capabilities. Designed to work with our TestWizard® harness, this innovative system uses patent pending technology to determine – with frame accuracy – whether video content is being played correctly. This system will work with a wide variety of applications, including those designed for HbbTV.

Our stand will also be hosting representatives of the Integrated Broadcast-Broadband standard (IBB) from Korea, combining ATSC 3.0 and HbbTV 2.0.1 , who will be demonstrating a Companion Screen application throughout the show.

Eurofins Digital Testing provides and extensive range of off-the-shelf and custom solutions, HbbTV application testing solutions, services and training for operators, broadcasters and app developers. Please get in touch at eurofinsdigitaltesting@eurofins.com to make an appointment to explore the opportunities further with our HbbTV specialists.

Fraunhofer FOKUS

Hall 8 / Booth B80   **Contact: Stefan Pham**

The Fraunhofer FOKUS Cloud-based 360° Video Playout for HbbTV makes it possible to watch 360° video content. The delivery of this huge source video material consumes a large bandwidth and results in a considerable processing load for the view projection and rendering. Therefore, the videostream is rendered on server side with the Fraunhofer FOKUS 360° Video Cloud Streaming Server.

The HbbTV Application Toolkit – HAT – presents a CMS for creation of HbbTV applications, which allows content creators without specific technical skills to build interactive TV applications. The toolkit includes a collection of templates and modules, allowing control of all application elements including broadcast source, IP video source, ad-insertion, companion screen and media synchronization.

The Broadcast Probing System (BPS) offers a continuous near real-time cloud monitoring of broadcast networks by utilizing massively distributed low-cost probes. The collected spatiotemporal data links RF characteristics and stream quality (e.g. Signal levels, TS packet errors), multiplexed tables (e.g. AIT/HbbTV, EIT/EPG) and AV dumps to allow for live analysis, evaluation and integration into monitoring environments.

The Open Content Decryption Module (OCDM) is a Content Decryption Module (CDM) compliant to W3C Encrypted Media Extensions (EME) specification to be used with HbbTV 2.0.1 environments. OCDM source code is now available on GitHub.

Hall 8 / Booth B80   **Contact: Stefan Pham**

In the Fraunhofer Alliance DIGITAL MEDIA, four institutes are working together to develop key components for digital media and digital cinema workflows. The institutes offer research and development in the areas of production, audio systems, data compression, post processing, transmission, projection, distribution and digital archiving. At IBC2016 Fraunhofer will showcase exciting new solutions for the next generation of Virtual Reality audio and video, light-field and multi-camera production tools, human body reconstruction technology, content creation, quality assurance and playback solutions for DCPs, IMFs and A/V content. We will also present a complete digital radio broadcasting chain, HbbTV applications and tools. Learn more about MPEG-H - the audio standard for 4K broadcasting.

GkWare

Hall 2 / Booth C51   **Contact: Gero Kuehn**

GkWare will show the prototype of an independent (not webkit based) browser implementation for HbbTV. The demonstration system shows the browser already embedded into a full CI+ and PVR enabled DVB middleware, including support for DSM-CC and HTTP based HbbTV content delivery. The market-proven DSM-CC client component and a matching object carousel generation software are also available as independent packages. They support several other standards like DVB-SSU, MHEG-5 etc. in addition to HbbTV.

Hall 1 / Booth A4 (Askey)   **Contact: Jean-Pierre Lallemand**

HyperPanel Lab proposes truly disruptive and advanced middleware suites propelling various Smart Multimedia Home Gateway (S-MHG) platforms. Leveraging Askey Computer Corp – a Member of ASUS Group - hardware expertize and world-class production, HyperPanel Lab empowered S-MHG reference designs enable best-in-class multiroom and multiscreen experience at the lowest ever achieved cost, together with the ability, for the Operators, to also leverage HbbTV at large to enable both interactive entertainment, as well as stunning capabilities to monitor and manage Smart-Home IoT (Internet of Things) and complementary business cases.

Hall 10 / Booth F51   **Contact: marketing@irt.de**

Jointly with partners from the CE industry and broadcasters, IRT demonstrates a number of features of the new HbbTV 2.0 standard, among them:

• targeted broadcast ad replacement by IP ad clips • new showcases combining HbbTV 2.0 and mobile devices by launching apps on coupled devices and communicating between them • HbbTV 2.0 controlling the playback of an UHD quality ballet excerpt produced by ARTE In addition to these demos you are invited to find out more about BRAHMS – our playout system for HbbTV services. BRAHMS ensures an easy and cost effective launch of HbbTV applications. If you are planning to start or expand HbbTV 1.5 or HbbTV 2.0 activities you may be interested in one of our International Intensive Seminars on HbbTV for Content Providers, Network Providers and Application Developers or individual consulting services.

Hall 5 / Booth B40 **Contact: Hervé Creff**

iWedia, a leading provider of software solutions for TV devices to service operators and Consumer Electronics manufacturers, has upgraded its HbbTV browser towards 2.0 and has engaged in deployment projects. With respect to the underlying Web browsing engine, the upgraded solution has been migrated from WebKit to Blink. It is available for both Linux and Android. The 2.0 features comes pre-integrated with the OS thus decreasing the integration duration for the device manufacturer. The solution will be demonstrated at the show as part of our Teatro-3.5 software solution for Android TV STB.

Hall 3 / Booth B45 **Contact: Jeanne Tong**

Jiuzhou is a leading one-stop provider to the Digital TV industry in China. Our products offer our customers the simple and cost-effective way to watch TV anywhere in the world and unlock the potential of the new home entertainment environment. We are a hi-tech joint venture company specialized in research & development, manufacturing and marketing of DVB (DVB-S/C/T/T2, HbbTV) as well as ISDB and ATSC products including cable TV equipment, multimedia products, satellite accessories, digital mobile phone and other digital equipment. We also provide STB OEM, ODM, CKD, SKD service and have gained a substantial reputation among customers worldwide.

Hall 1 / Booth C29

Keepixo, the spin-off of Allegro DVT's broadcast business, is a leading provider of software-based and cloud-ready head-end solutions for IPTV & OTT. Keepixo offers products to allow for: encoding -live and file encoding, in H.264 and HEVC, including Ultra-HD/4K; packaging- feature-rich mutli-format OTT packaging including integration with DRMs and CDNs; and delivery- live-to-file recording features to allow for advanced catch-Up, start-Over and nPVR functionalities. Keepixo solutions are used by more than 140 customers including 40 tier-1 operators worldwide.

Hall 14 / Booth G10 **Contact: Amy Pettinger**

Freesat, the UK based satellite TV company, will demonstrate Metaphor, its multi-functional smart TV guide solution, for the first time at IBC. Metaphor is based on Freesat's years of experience operating a successful hybrid TV service in the UK and is being marketed to terrestrial, satellite and cable operators who want to integrate broadband on-demand services into their existing linear broadcast offering. Metaphor is a tried and tested user experience delivered through a cloud-based service management and analytics platform and backed up by full UK based operational support. The solution can be provided exactly as it is, or it can be tailored to fit specific operator requirements. Freesat has already provided the Metaphor solution to Irish broadcaster RTÉ for its Saorview Connect HbbTV solution, including the launch of the Saorview App, and Italian free satellite operator tivùsat for its OTT service tivùon.

mineus)(GmbH is a company with a long-lasting HbbTV tradition. We have been building HbbTV apps since the platform was created and have an established team of software developer professionals and solid know-how in HbbTV and SmartTV related projects. We are providing long-term software development and consulting services to many companies known in the HbbTV and SmartTV world including SRG (through SwissTxt), ProsiebenSat1 Group (Germany's biggest private broadcaster) or Kabeldeutschland (German cable network operator acquired by Vodafone). Most notable examples of our HbbTV projects:

- HbbTV video app based on cutting edge technologies while maintaining strict compatibility with most of the HbbTV 1.0 - 2.0 devices.
- An HbbTV portal consisting of several apps such as Videos, News, Weather etc. capable of operating through both broadcast and broadband delivered HbbTV.
- First ever multilingual subtitling support for VODs inside an HbbTV video portal.
- First ever advertising SDK for HbbTV and SmartTV supporting multiple preroll, midroll and postroll commercial blocks (using a standard Doubleclick ad server).
- CMS for managing and delivering both Teletext and HbbTV-based news portal.
- Different kinds of libraries, app components and development aids to make the HbbTV development more streamlined.

Our team of developer experts can help you bring to live a project of any scale. We provide professional advice and guidance not only in HbbTV and SmartTV area but also in iOS, Android and Windows development as well as complicated high-availability backend systems based on Go, Node.js or PHP.

Hall 2 / Booth C33

MStar is a global leader in supplying application specific ICs (ASIC) for the consumer and Image processing product markets. MStar has successfully built a diverse product portfolio that propels the company to become one of the fastest growing in the industry since its inception, with worldwide leadership position in the LCD monitor controller, analog and digital TV, set-top box. For more product information, please contact us.

Hall 4 / Booth B53

NEOTION is a French high-tech company providing innovative solutions for the international Digital Television market since 2000. NEOTION develops and distributes a wide range of DVB Conditional Access Modules embedding the main Conditional Access Systems (Conax, CryptoGuard, DRE-Crypt, Irdeto, Verimatrix, Viaccess-Orca) to pay-TV operators across the globe. NEOTION is still investing in secure devices for the Pay-TV industry adding new and innovative solutions according to the booming OTT adoption on the market during these last few years. NEOTION is offering first on its core-business the HbbTV CAM as the suitable single secure device in a connected environment, headless OTT gateways for satellite fully based infrastructures and recently Neohome, new smart home solutions, all as part of the OTT growing services. NEOTION is largely involved as an active member of several standardisation and digital TV committees, namely DVB and CI Plus LLP and more recently, ZigBee Alliance.

Hall 14 / Booth E20   **Contact: Alexander Sem**

Join us at IBC to discuss latest development in HbbTV and our contribution to the latest release. Opera TV is the market leader in enabling the TV industry's transition to OTT. The Opera TV portfolio powers a rich UI and OTT experiences on tens of millions of new Smart TVs, set-top boxes, Blu-ray Disc Players and chipsets deployed each year by more than 60 customers. The Opera TV ecosystem spans the Opera TV Store app platform with hundreds of entertaining apps tailor-made for TV, the Opera Devices SDK for creating and rendering HTML5-based user interfaces including optional modules to enable HbbTV, the Opera Media Streaming Module, to manage the rapidly changing global OTT streaming requirements, and the Opera TV browser for browsing the full web. Opera TV offers solutions for OEMs, pay-TV operators, broadcasters and content publishers. Visit www.opera.com/tv/ to learn more.

Contact: Doron Nethe

We have extensive experience translating content owners' desire to connect with their audience via tailored TV app concepts and technological solutions. We are a highly specialized TV app company. Together with our partners we concept, design, develop, deploy and maintain TV apps for multiple TV platforms and devices. We have built unique and successful HbbTV apps and portals for broadcasters, brands and operators. Also with our HbbTV Notification Service customers can manage all their broadcast-specific TV apps based on open standards (HbbTV, HTML5…) instantly creating a stimulating and engaging experience in the living room!

Hall 2 / Booth B39

Quadrille is a French independent software and service provider, leader in delivering content over the air. Quadrille's innovative push technology answers real life needs in Media, Entertainment, Transportation, Public and Military infrastructures. The modular file transfer solution QuadriFast™ enables a multicast delivery of any content (VOD, live TV…) on any device, anywhere in the world. The optimal use of the bandwidth ensures end-to-end service and lower costs. Quadrille is now a strategic partner for brands such as Canal+, TDF and Eutelsat. Connected or not, enjoy a smart experience with Quadrille.

Hall 14 / Booth G01   **Contact: Charles Dawes**

Rovi Corporation is creating personalised and data-driven ways for viewers to discover the right entertainment and for providers to discover the right audiences. Chosen by top brands in entertainment content, services and devices, Rovi touches the lives of hundreds of millions of consumers by providing comprehensive solutions, customizable products and intellectual property licensing to make discovery simple, seamless and personal. With its extensive patented technology portfolio, Rovi is advancing entertainment and audience discovery. Learn more at rovicorp.com, or follow us on Twitter @rovicorp.

Hall 5 / Booth B32   **Contact: Vukota Pekovic**

At the exhibition, RT-RK, a market leading hardware and software design house focused on consumer electronics, communications and multimedia, will be showcasing its HbbTV Test Framework comprising Test Harness and various test automation modules. RT-RK excels at automatization in testing of multimedia devices and provides testing services to all the players in the development and production chain.

Developed under a contract granted to RT-RK by the HbbTV Association, the HbbTV Test Framework covers a wide collection of test cases belonging to the official HbbTV 2.0 test suite, backward compatible with the previous HbbTV test specification versions. In addition, as an integral part of the test suite, RT-RK delivers Test Harness which provides interfaces for manual/automatic test execution, test development and debugging of newly developed test cases, and customizable reporting. The HbbTV Test Framework is integrated within the RT-RK testing tools for test management and test execution (manual and automated): Intent+, the test management system, and RT-Executor, the automated execution tool.

This year we will also present a new 4K grabber device and Test Suite for 4K STB testing, test solutions for R&D and QA departments (Functional, Regression and Stress testing), solutions for Telecom operators and repair/diagnostic facilities: Screening/Diagnostic in a multiple STB test system (ProScreen) and Field Monitoring System (ProVision), INTENT+ test management system with remote execution and monitoring capabilities (trough intranet or Internet), and Picture Quality Measurement for live video analysis and artefact detection.

Hall 1 / Booth C81

SmarDTV – Designing Smart Devices for a Smarter World of Television. SmarDTV's secure STB and TV Modules enable customers across the globe access to cost effective premium digital pay-TV services SmarDTV delivers solutions from the Kudelski Group including NAGRA anyCAST products and Conax card-based/cardless CA solutions for broadcast and broadband platforms. At IBC2016, SmarDTV demonstrates: a range of Ultra HD hybrid STBs for broadcast and OTT/IPTV markets, specially tailored for operators needing feature-rich solutions, running NAGRA's MediaLive OS or Android, and integrating NAGRA or Conax security clients. A new range of cost-effective hybrid HTML UI enabled STBs. New user experiences are made possible thanks to the support of HbbTV 2.0 combined with HTML5 and companion applications. A range of secure and modular Interactive TV Modules for pure OTT consumption as well as full hybrid scenarios to engage and retain subscribers in an operator-managed environment.

Hall 1 / Booth F86   **Contact:** gzhong@smit.com.cn

SMIT, the leading provider of CAMs, will demonstrates the CI Plus 1.4 CAM with secure IP delivered content. By using operator profile version2, the demo shows how operator provide the UNIFIED portal to HbbTV service. This technology is also easy to launch the HbbTV application from TV line-up channel. To simply the usage, based on Specific Application Support (SAS), the user will use UNIQUE ID for both broadcast and broadband services. With IP Delivery CAM play mode, the operator can select a better CAS/DRM solution to protect their content which transmitted via broadband.

Sofia Digital's HbbTV application suite is being demonstrated on our partners' stands. With ABOX42 we announce the first IPTV solution based on HbbTV technology, which can be integrated to various receivers with HTML browser. ABOX42's HbbTV DVB-T2 Smart STB is running Sofia Backstage applications from several real-life deployments. At Anglatècnic stand you can experience some of the HbbTV applications as part of Sofia Digital's Spanish partner's accessibility and TV data solution. Visit the stands at IBC 2016 to see examples on how Sofia Digital can bring your content to any OTT, TV or video platform.

Contact: hello@suite.st

Suitest provides a super-easy way for test automation of HbbTV apps. Our product dramatically reduces the time, costs and efforts needed for the QA phase of your HbbTV project while at the same time providing the development team with an unprecedented level of test coverage. Build your test case using a state-of-the-art visual test editor and let Suitest run it on 100+ local and remote HbbTV devices in parallel. No programming skills required for beginners. Rich set of powerful developer tools are available for the pros. Suitest works with physical HbbTV devices, operating them directly through the infra-red port. It also supports desktop browsers and TV emulators for easier test authoring at early development stages. Suitest is a unique automation solution which has applications reaching far beyond simple testing.

Contact: stefan.schoefmann@tara-systems.de

TARA Systems is a technology driven software company providing a market proven HbbTV Solution. The platform, middleware and browser agnostic solution is HbbTV 1.5 compliant which has been integrated by several customers on a range of set-top boxes. The Inaris HbbTV Solution is currently extended for HbbTV 2.0. The market launch is expected for beginning of 2017.

Hall 14 / Booth A20

Vestel are exhibiting at IBC2016, Hall 14, stand A20 to showcase the latest lines of digital satellites, terrestrials, cables, IP and OTT set-top box solutions, Vestel Art Slim TVs, Ultra HD Curved TVs, Smart & 3D LED TVs, hotel TVs, educational displays, digital signage and video wall solutions. Leading the European market in digital products, Vestel have established agreements with the major digital television operators in Europe for the production of digital television and set-top boxes.

Hall 14 / Booth L01

In the world of online video distribution, end-users are looking for services they can make their own and interact with anywhere, anytime and on any device. Wiztivi's team creates advanced HTML5 user interfaces answering the multi-screen entertainment needs of your end-users. Born into the world of television and set-top boxes, we now compete in the greater scope of all connected devices offering TV channels, operators and manufacturers high-end, cross-platform, embedded experiences. No matter the type of screen, we will create your solution and provide fast deployment.