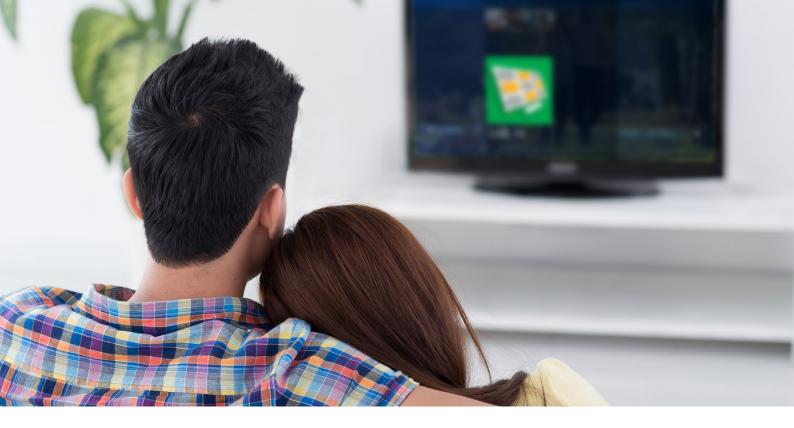
adbglobal.com

connecting lives connecting worlds

vuTyme



Product Overview



Welcome to Business TV

Where TV and a Robust Managed Service Cloud Platform Come Together

Brought to you by Advanced Digital Broadcast (ADB), vuTyme is an industry leading E2E commercial video and interactive TV solution that caters to the hospitality, healthcare, education, and other commercial verticals. For the hospitality market, vuTyme enables Cable/Sat/ Telco operators and hoteliers to deliver a complete set of services like live TV, VOD, PPV, concierge, digital signage, room checkout, targeted advertisement, and more as listed throughout this overview.



User Friendly Main Menu with Transparent Live Video

		торат 12:00 РМ	VISIA 12:30 PM	110	01:00 PM	12:25 PM 01:30 PM
7	Эна					
8	ULKE	24 HOUR WEATHER	RADAR			
9	(ELEXANT					
10		THE REAL			THE BILL CUNNING	HAM SHOW
	attera netcan	12:00 PM - 01:00 PM Lashaunda returns to bills paid.	o tell how her maked		anged her life; audience	e members get their و
11	A	EVERYDAY ITALIAN	EVERYDAY ITA	LIAN	TIA MOWRY AT HOM	IE TIA MOWRY AT
12	COUNTRY	COLLEGE FOOTBAL	L. (17)			
13		WORLD NEWS TOD	AY SPORT TODAY		BBC BUSINESS LIVE	E HARDTALK

Fully Interactive HD Graphical Program Guide

vuTyme Guest Level Features

ADB is committed to offering the best and most useful interactive features to properties and guests. Hotels and guests value features that entertain, inform, and enrich the in-stay experience. Further, significant value is placed on accommodating international guests. Here are a few examples:

T	DDAY		03:38 PM
	rning 20°	CLOUDS: \$2.8% HUMDITY: 75.4% PRESSURE: 930 hPa WIND: 1 mps	
			Weather data provided by Oper/WeatherHap





Local News



Local Attractions



Local Attractions Map with QR Code



Elegant UI & Interactive Guide



Integrated Multi-Language Features (UI, Guide, Subtitles, Audio)

The vuTyme guest interface includes the following additional interactive features:



- Live TV
- Guest Folio View and Checkout
- Pause Live TV (with patented
- DVR Lite technology using
- SDHC cards)
- Multi-Language
- VoD
- Housekeeping Service
 Requests
- Multi-Country Parental Controls
- OTT Streaming Video

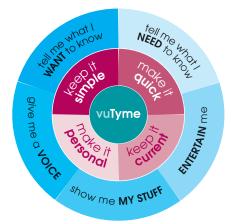
vuTyme Hotel Level Features & Revenue Generation

To accommodate the modern demands of hoteliers, vuTyme provides several features allowing them to customize the guest experience and enhance their ability to generate new revenue. Examples Include:

- Custom Branding for Each Hotel
- & Internal Businesses
- Custom Channel Lineups
- No On-Site Equipment, Except Client SBB
- Digital Signage
- Housekeeping / Room State
 Management
- Targeted Messaging Promotions / Informational
- Local Video Upload
- Allows hotels to upload videos to specific stations already on guest channel lineups.
- Multiple UI Choices
- ADB offers a set of core UI designs to accommodate varied global preferences, and some hotel brand standards.
- Targeted Advertising Non-Intrusive Ad Placement
- Integration with local facilities such as room service, concierge, in-room dining and entertainment

Property Management System (PMS) Integration

- ADB supports Oracle Opera PMS and Comtrol PMS.
- PMS Integration enables features such as:
 - checkout / folio view
 - guest personalization
 - products / services purchase and reservation









vuTyme Operator Features - vuTyme as a Managed Service

To solve many operational challenges of global operators, the vuTyme server is offered as a Managed Service using the global cloud infrastructure. Key benefits are:

- Faster Time to Market
- Fully Scalable at Operators Pace
- Well-Proven Fault-Tolerance, Redundancy, Failover, Security
- Saves Significant Operating and Capital Expense (No Data Center Footprint)
- Drastic Simplification and Cost Savings in Operational Support

vuTyme Operator Features - Global Ecosystem Support

vuTyme supports many global broadcast standards and offers several client set-back-boxes (SBBs) to support varied ecosystems. These include satellite, cable, broadband, and wireless.



ADB-4769CD "Shadow"





- Set Back Box Platforms Include:
 - ADB4731 & ADB4769 "Shadow" Mainly for the USA, Dual Band WiFi, Ethernet, & Cable/RF, DOCSIS, DVR-Lite
 - ADB1729 "Banchee" Global SBB Supporting DVB-C, Dual Band Wireless, Ethernet, Cable/RF, SmartCARD, DVR-Lite
 - ADB17xx Hybrid Sat/Terr/IP/WiFi
- Broadcast Standards Supported:
 - DOCSIS, SCTE, and CableCARD Support for Conditional Access/DRM
 - DVB-C, and Smartcard Conditional Access/DRM
 - QAM and IP Tuning (Unicast, Multicast, HLS/HTTP)
- All SBBs Mount Securely & Discreetly Behind the Television

vuTyme Operator Features – Management Portals, Licensable Functions, Misc. Features

For operators and hoteliers, ADB offers the best-in-class cloud-based portals to configure and remotely monitor the business TV deployment. In addition, to accommodate multiple property tiers and to generate revenue, ADB offers access control to all key interactive features via licensable functions. See below for more:

Cloud Management Portals

• vuTyme Manager Portal for Operators - End-to-end vuTyme deployment configuration, remote monitoring, and firmware upgrade management.

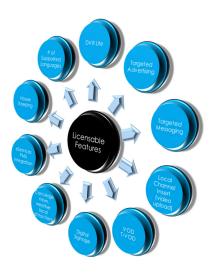
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Nucleured Services	1209 Pierce (945)	1393 Pierce St. Cleanwater, FL 33756	SHN Fotune SHN Fotune	6% OK (8/8)	0 Falues	0 Falures	8 boxes affected. 1 dirty lineap: • 1209 Pierce (965) affects 8 boxes
Braits Units	All Seasons Report (1927)	13070 Gulf Bird Madeira Beach, FL 33708 727-399-2255	DHN Fotune BHN Fotune	0% OK (8/87)	0 Failures	0 Falures	E7 boxes affected. 1 dity lineage • Al Seasons Resot (18876) affects 87 boxes
	Anna Maria Beach Cottages (17558)	112 Oak Ave Anna Maria, PL 34216 \$21-770-1530	BHN Fotune BHN Fotune	6% OK (8/19)	0 Failures	0 Falures	19 bases affected. 1 dity lineage • Avea Mass Black Cottages (17558) affects 19 boxes
	Arma Maria Island Resort (19299) (552)	105 20th Bt Holman Beach, FL 34217	DHN Fotune DHN Fotune	0% OK (8112)	0 Failures	0 Falures	12 boxes affected, 1 dirty lineap; • Anna Maria Island Resolt (10222) (202) affects 12 boxes
	Barshoe Beach Club (13502)	644 Day Esplanade Chaveater, FL 33767 727-240-1035	BHN Fotune BHN Fotune	0% OK (858)	0 Failures	0 Falures	24 boxes affected, 1 dirty lineage • Ramboo Reach Cub (1882) affecto 24 boxes

• EzVu Portal for Hotels - Monitor SBB health, configure local attractions, local video upload, targeted messages / advertising, guest settings control.

	C	Y		b	VENETIAN		Macao - Macao Cate de N. Senhora da Esp	IV ronça, sin, Talpa, Macao GAR, P.R. China	
Locators	Rooms Channels	Mess	ages	Advertisements	+ Housekeeping	Concierge	Local Channels	Local Altractors + Digital Signage + U	Isers Supp
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		Rooms Shost Al Rema V Go						Rooms per page 🛛 🗵 💌 13 more tune	
				Room	Area	Check-Out Date		Actions	
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		83	0	Lounge Bar	Common Area		Reset PIN	Change Settings	
		8	0	signage_lobby	Common Area		Reset F2N	Change Settings	
					Cammon Area		Reset P2N	Change Settings	
			0	Spa & Gym	Common Area				
			0	Spa & Cym Veliore restaurant	Common Area		Reset PIN	Change Settings	
						0101/16			

Licensable Features

- Operators save revenue by purchasing only the features they need.
- Operators earn revenue by pricing vuTyme features to hoteliers on an a-la-carte basis.
- vuTyme Leverages Existing Operator Infrastructure
- No Additional Equipment or Licenses
- Highly Flexible Channel Lineup Configuration and Robust Property Branding



vuTyme Operator Features - vuTyme Services

To offer various operator tiers and hotel tiers more operational flexibility and potential OPEX savings, ADB offers an array of specialized services. These include:

- vuTyme Configuration Services Operators can purchase vuTyme configuration services where ADB builds all organizational container structures, hotels, hotel areas, channel lineups, tuning data, and enable interactive features.
- **Provisioning Services** Cloud-based service where ADB will provision all SBBs to make them install-ready for operators. This involves authorizing CableCARDS, billing systems provisioning, and more.
- Daily Monitoring Services Optional Service where ADB will actively monitor the operational state of all deployed SBBs, tuning errors, and more. Upon discovery of an issue, ADB will diagnose and resolve the issue, or escalate if needed.
- **vuTyme Certification Training** Operators can purchase vuTyme certification training which is a more thorough vuTyme training session than traditional ADB vuTyme training. Certification includes a combination of self-paced and instructor led modules, as well as a progressive sequence of tests, exercises, and plenty of hands-on learning.
- Logistics Customization ADB offers customization to simplify operator logistics that include:

CC insertion/pairing, SDHC card insertion/test (for DVR Lite), install desired client firmware, serial number changes, and labeling and packaging customizations.



ADB has a 20 year heritage, successfully delivering over 100 million devices to service provider customers across the world. We deliver connected solutions that marry the technical challenges of TV, interactive media, IP connectivity and consumer experience to meet the industry specific requirements of our customers within hospitality, healthcare, education, stadia, retail and a whole host of business sectors. ADB is embracing the future of the connected world. Alongside our proven vuTyme, our innovative Internet-of-Things platform provide a stepping stone to help our customers take advantage of the next wave of opportunities that connect smart appliances with internet technologies and enable exciting new services and improved operational efficiencies.

Connect with us info@vutyme.com

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