





INTERACTIVE TV SERVICES FOR THE NEW GENERATION

WE HAVE ENTERED A NEW TELEVISION ERA.

THE HOTEL MUST GIVE ACCESS TO THEIR GUESTS TO THEIR FAVOURITE CONTENT IN ANY LOCATION AND AT ANY TIME, USING WIRED OR WIRELESS NETWORKS.

THE ENTERTAINMENT OFFER CAN REACH
THE HOTEL VIA DTT OR SATELLITE
TELEVISION, TELECOM OPERATOR, IPTV
SERVICE PROVIDER, OTT OR VOD.

INDEPENDENTLY FROM THE RECEPTION MODE, IT HAS TO BE PERSONALIZED FOR EACH GUEST INCLUDING OWN CONTENT RELATED TO THE PROPERTY.



Televes



TV SERVICES

IPTV

IPTV HAS BECOME THE TERM USED TO DESCRIBED THE TV SERVICES SUPPLIED VIA A DATA NETWORK.

IN SOME OCCASIONS THESE CHANNELS ARE RECEIVED AS PART OF A WIDER SERVICE VIA A TELECOM OPERATOR THAT INCLUDES INTERNET, HOWEVER, THIS IS NOT THE ONLY POSSIBLE CASE.

WITH THE TELEVES SOLUTIONS YOU WILL BE ABLE TO DISTRIBUTE THE CHANNEL LIST REQUIRED BY YOUR PROPERTY IN A FLEXIBLE AND PERSONALIZED MANNER.

OWN CONTENT

MAKE THE HOTEL TVS BECOME PERSONALIZED INFORMATION POINTS

This service allows the hotel to include TV channels which content is defined by the hotel management or marketing team: CCTV cameras, web pages, presentations, promotional videos, ...

The Televes Headends will be able to transform the audio/video signals (analogue or digital) into High Definition TV channels for its distribution as conventional TV channels or as data services.

This will create a new information channel that will allow you to advertise events, promote your hotel or simply offer your guests external live images.



TV SERVICES

VOD - OTT

TRANSFORM YOUR HOTEL IN A SUPPLIER
OF ON-DEMAND AUDIOVISUAL CONTENT,
CONVERT EACH TELEVISION INTO A CONTENT
LIBRARY THAT INCREASES THE QUALITY AND
PROFITABILITY OF YOUR PROPERTY

VOD will allow your guest to select content from a catalogue that is updated periodically. It is a library where you will find multiple content. The Arantia VOD server provides the tool that allows the viewing of the most recent available content. Arranged by genders, with Full HD quality and totally interactive allows the guest to pause and continue the viewing at any time so he is always in control of what to watch and when to watch it.









ON DEMAND TV

IN THE NEW TV ERA ANY AUDIOVISUAL
CONTENT CAN BE DISPLAYED
PERSONALIZED TO EACH GUEST IN THEIR TV
ROOM, MOBILE DEVICE OR IN THE DIGITAL
SIGNAGE SCREENS AVAILABLE IN THE
COMMON AREAS OF THE HOTEL.

DTT CHANNELS

RECEIVE THE DTT CHANNELS IN EVERY TV IN THE SAME WAY THAT YOU WOULD DO AT HOME

The DTT offered in the rooms can be distributed in a conventional way (same as in a master antenna installation) or via processing headends. The TV headends can distribute the DTT services re-constructing the signal received in the antenna. By doing so the TV signal that is available in the installation of the hotel posses a much higher robustness and quality than when received.

HD TELEVISION

THE BEST TV OFFER REGARDLESS THE TV INSTALLED IN YOUR ROOM

CONTENT FILTERING FOR DTT CHANNELS



SATELLITE TV CHANNELS

CHANNEL OFFER VERY DIVERSE ON CONTENT, LANGUAGES AN EASY TO CUSTOMIZE TO THE PROPERTY REQUIREMENTS

The multiple origin of your guests as well as the diversity in ages and preferences requires for the offer of TV channels to be very diverse in content, languages and easily adaptable.

INTERNATIONAL TV CHANNELS AS PER YOUR REQUIREMENT AND IN ORIGINAL FORMAT

CHANNEL LIST TAILOR MADE FOR YOUR GUESTS PREFERENCES WITHOUT THE NEED TO RETUNE THE TVS



CHANNEL		LANGUAGE	THEME	SAT./FREQ.	FREQUENCY
CNBC Europe	CNBC		Economy Finances		
BBC World News	WORLD NEWS		News	ASTRA 19.2º E	11597V TP 26
Bloomberg	Bloomberg		Economy Finances		
TV5 Monde Europe	TV5MONDE		General	ASTRA 19.2° E	11538V TP 76
France 24	FRANCE 24		Information	ASTRA 19.2º E	11538V TP 76
CCTV Français	CCTV		General	ASTRA 19.2º E	11538V TP 76
Rai 1	Rai 1		General	HOR BIRD 13° E	10992V TP 124
Rai 2	Rai 2		General	HOR BIRD 13° E	10992V TP 124
Rai 3	Rai 3		Cultural	HOR BIRD 13° E	10992V TP 124
Rai News	Rai News		Information	HOR BIRD 13° E	10992V TP 124
ZDF	PDF		General	ASTRA 19.2° E	11954H TP 77
ZDF info	zdf info		Information	ASTRA 19.2º E	11954H TP 77
3 SAT	3sat		Cultural	ASTRA 19.2º E	11954H TP 77
KI.KA	von ARD und ZDF		Kids	ASTRA 19.2° E	11954H TP 77
RTL	RTL		General	ASTRA 19.2º E	12226H TP 91
Viva	V		Music	ASTRA 19.2º E	12226H TP 91
Vox	V _e X		General	ASTRA 19.2° E	12226H TP 91
Euronews	Burnelink		Information	ASTRA 19.2° E	12226H TP 91
Eurosport	ÆUROSPORT		Sports	ASTRA 19.2° E	12226H TP 91



A ROBUST, FLEXIBLE AND RELIABLE DATA
NETWORK, REGARDLESS IF YOU WANT
TO INVEST IN THE LATEST GENERATION
OF FIBRE OPTICS HIGH SPEED INTERNET
NETWORKS OR IF YOU WANT TO USE YOUR
EXISTING COAXIAL NETWORK NOT TO
HAVE TO UNDERGO ADDITIONAL WORKS IN
THE HOTEL.

THE TELEVES SOLUTIONS FOR INTERNET ACCESS AND DATA DISTRIBUTION OFFER ALL GUARANTEES FOR THE CONTROL AND SECURITY OF THE USERS.

Televes





DATA NETWORK

INTERNET

FAST AND SECURE ACCESS TO ANY DATA SERVICES

THE ULTRA FAST ACCESS TO INTERNET
SERVICES IS INCREASING EXPONENTIALLY.
THE GUESTS CARRY AT ALL TIMES TABLETS
AND SMART PHONES WITH APPLICATIONS
AND CONTENT THAT CONSUME IMPORTANT
NETWORK RESOURCES. HOTELS REQUIRED
A ROBUST, RELIABLE AND FLEXIBLE
INFRASTRUCTURE THAT CAN SUPPORT
THE HIGH DEMAND ON THE NETWORK.
TELEVES OFFERS TAILOR MADE SOLUTIONS,
GPON TECHNOLOGY TO IMPLEMENT FIBRE
OPTICS NETWORKS AS WELL AS COAXDATA
SOLUTION FOR THOSE WHO REQUIRE TO
ADD DATA TRANSMISSION TO THEIR EXISTING
COAXIAL TV NETWORK.



FIBRE OPTICS NETWORKS

Increases the requirement to design high capacity and speed networks able to accommodate the use of last generation audiovisual services that require high bandwidth requirements, as Ultrafast Internet, Ultra HD TV or OTT and VOD download/streaming amongst others.

When the requirement is so high, only an infrastructure based on fibre optics can guarantee an outstanding service.

Furthermore, the **FibreData by Televes** allows the offering of Triple play or Quad Play solutions tailor made for the requirements of your property.



COAXIAL NETWORKS

Coaxial cable has enough capacity to offer the traditional services of TV and high speed internet. It is, in fact, an infrastructure that supports audiovisual services to offer your guests the entertainment they request in your hotel, in Television sets as well as in tablets and smart phones.

EFFICIENT WIFI POINTS

The current internet use is linked to wireless technologies. The WiFi networks are tools for the own management of the hotel and a formula for the accessing of services by the client. These networks require an efficient management of resources and a dynamic traffic optimization. The devices that generates them must be configurable and efficient access points, where the emission power needs to be a parameter to take into consideration.



WIRELESS EFFICIENT, RESPONSIBLE AND SECURE ACCESS POINTS







DIGITAL SIGNAGE

DS

ATTRACTIVE, FLEXIBLE AND TAILOR MADE INFORMATION AND ADVERTISEMENT SYSTEM THAT CAN BE MADE AVAILABLE AT ANY POINT OF YOUR PROPERTY.

ARANTIA DS ALLOWS TO DELIVER TO THE GUEST ADVERTISEMENT MESSAGES WITH A HIGH AUDIOVISUAL QUALITY, AFFECTING THE FINAL IMPACT AND THEREFORE THE PROFITABILITY OF THE INVESTMENT.



New York

Monday

Tuesday

Wednesday

Thursday

ADVERTISING FOR YOUR PROPERTY

Digital Signage reduces the necessity of printing material, allows for the content always to be updated and facilitates the possibilities of changes.

The Arantia DS solution is configured via a web interfaz. The programming of the service requires for the multimedia content (videos, images, IPTV channels, ...) to be loaded and classified depending on profiles using templates that are extremely user friendly. As a last step we will have to program in time how we want for the content and final layout to be displayed on the screens.

DS server and DS player are the 2 basic hardware elements of the system. The first one allows for configuring the content and the second one delivers it to the TV screen alongside any other services (IPTV, VOD)

CONTENT MANAGEMENT

PROGRAMMING AND DISPLAY

CONTENT SELECTION

ACCESS VIA WEB BASED ADMINISTRATION TOOL



A SPECIFIC TECHNOLOGICAL SOLUTION TAILOR MADE FOR YOUR PROPERTY.

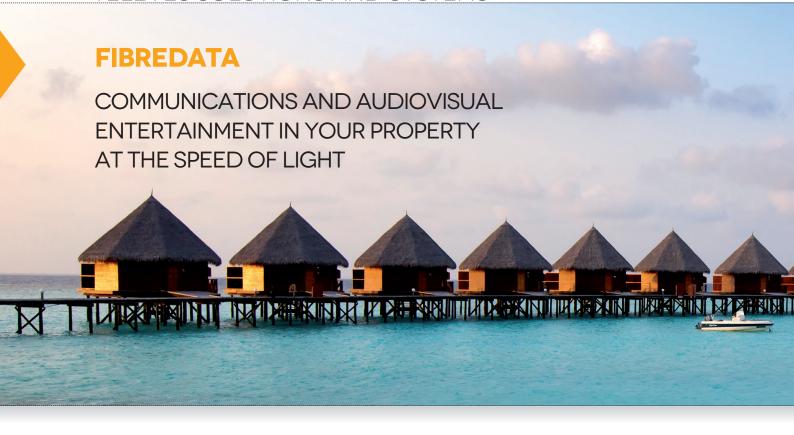
AN INFRASTRUCTURE
SOLUTION DESIGNED
JUST WITH YOUR HOTEL IN MIND

THESE ADVANCED AUDIOVISUAL SOLUTIONS CAN BE DEPLOYED AT YOUR PROPERTY WITH THE LEADING MANUFACTURER OF TELECOMMUNICATIONS INFRASTRUCTURE IN SPAIN, WITH A WIDE EXPERIENCE IN DIFFERENT TYPES OF HOTELS WORLDWIDE.

TELEVES OFFERS YOU EXPERIENCE AND KNOWLEDGE



TELEVES SOLUTIONS AND SYSTEMS



COMPACT, RELIABLE AND SIMPLE DEVICES FOR THE DISTRIBUTION OF MULTIPLE-PLAY SERVICES AS SUCH AS HIGH SPEED INTERNET, VOIP, 802.11AC WIFI, VIDEO (IPTV AND/OR RF OVERLAY) BY USING GPON TECHNOLOGY.

The Fibredata system range provides the distribution of all the services required by your property by fibre optics, allowing the adaptation of all the advantages of the fibre to the particularities of your requirements.







For the data transmission Fiberdata uses 2 main elements, OLT and ONT, that work as connection points between the services provider and the final user.

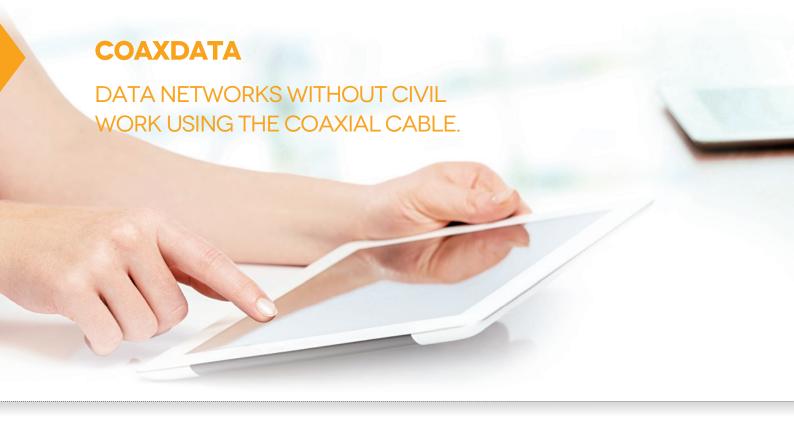
The optical RF overlay transmitters are in charge of transforming the Television signal into optical signal for fibre distribution







TELEVES SOLUTIONS AND SYSTEMS



COAXDATA IS A SYSTEM THAT USES THE EXISTING COAXIAL CABLE TO DISTRIBUTE DATA. FOR THIS REASON IT IS A SYSTEM THAT DOES NOT REQUIRE EXPENSIVE INSTALLATIONS THAT ARE PROLONGED IN TIME.

If the TV services are distributed correctly via the coaxial network, Coaxdata will also do the same with the data network being in most cases a plug&play procedure. Furthermore, the MyNet Wifi allows generating access

points adapted to the requirements of the hotel.

THE ONLY ONE WITH My NETWIFI TECHNOLOGY







A SYSTEM WITH MULTIPLE ADVANTAGES

INTERNET IN ALL ROOMS

WITHOUT CIVIL WORK, COAXDATA DOES NOT REQUIRE COMPLICATED

RENOVATIONS

EASE OF CONFIGURATION

HIGH SPEED 1GBPS

INTEGRATION OF TV AND INTERNET SERVICES IN COAXIAL NETWORKS

SIGNAL EXTENSION WITHOUT THE NEED FOR AMPLIFICATION

POSSIBILITY TO CREATE SEGMENTED NETWORKS BY USERS

NETWORK MONITORING WITH ACCESS CONTROL APPLICATION

THE MYNETWIFI TECHNOLOGY BY TELEVES ALLOWS TO CONFIGURE YOUR ACCESS POINT IN LOW POWER WHICH ALLOWS:



Reduce the level of exposure to electromagnetic waves.

THE MOST RESPONSIBLE INTERNET CONNECTION

Create micro areas of internet access improving the efficiency of the connected users.

THE MOST EFFICIENT INTERNET CONNECTION

Reduces the range of reach to avoid that unwanted third parties access the network.

THE MOST SECURE INTERNET CONNECTION

TELEVES SOLUTIONS AND SYSTEMS

TV HEADENDS

CONVERT ANY AUDIOVISUAL SERVICE IN TV SIGNAL ADAPTABLE TO THE REQUIREMENTS
OF YOUR HOTEL AND GUESTS.

TV CHANNELS USING THE COAXIAL NETWORK

T.OX

T.0X is a series of modules that allows to capture and generate all type of TV signals to adapt them to your needs and transmit them over the coaxial network.

Convert any input format (TVSAT, DTT, IPTV) in DTT conventional channels. Furthermore, for the creation of internal TV channels T.0X has a range of encoders/modulators that transform audio/video signals in DTT channels.

COLD TECHNOLOGY AND EFFICIENT CONSUMPTION

Minimal power consumption technology without need for maintenance, it makes our system the best ally to reach the highest profitability for your installation.

REMOTE CONFIGURATION IN REAL TIME

With the management unit the system can be controlled and maintained remotely.

By doing so the maintenance job becomes easy and economical, reducing on-site visits and costs.

MANAGEMENT APPLICATIONS

Tsuite is the application that connects the installer or property technical team with the Headend.

By using a mobile device (tablet, smartphone, ...) the management and configuration of the Headend becomes an easy and quick task.









A WORLDWIDE RECOGNISED SYSTEM

The largest TV operators use our system.

Only the best Headend is able to pass the most strict reliability tests that are required by Operators around the World.



INTERACTIVE TV VIA THE DATA NETWORK

ARANTIA

The Arantia Headends deliver audiovisual services to the TVs via a data network requiring a STB receiver (in-built or external) at the TV level. Same as the coaxial solution these systems also convert any input format (TVSAT, DTT, IPTV) into a stream that can be received by the TV. To this service we can add VOD (Video on Demand) that converts each TV into a videoclub with the capacity to generate revenue for your property.

FLEXIBILITY

Wide range of modules to provide services for every and any kind of need.

PERSONALIZATION

Menus fully adaptable to the Corporate Image of the Hotel Operator and the specific requirements of the Property.

INTERNET ACCESS

Our STB can be used as an access point for the enjoyment of internet and other interactive services.

TRANSCODER

Live or VOD channels can be managed by the adaptive transcoder to allow using Wireless smart devices (tablets, smart phones, ...) as the viewing point for audiovisual services.













THE ARANTIA DIGITAL SIGNAGE SYSTEM IS A POWERFUL TOOL THAT ALLOWS TO DISPLAY HIGH QUALITY CONTENT IN THE HOTEL DIGITAL SIGNAGE SCREENS. ALL THE PROVIDED SERVICES ARE CONFIGURED VIA A CENTRALISED WEB BASED APPLICATION.

Hardware and Software combination for remote managing the system by using simple menus and attractive templates, where our Chronos STB not only delivers IPTV services if not also works as the DS player for Totems and Screens.













FLEXIBLE AND COST EFFECTIVE ARCHITECTURE:

The Televes DS system uses the STB as player allowing to have both the IPTV and DS services integrated in only one device. This results in an important cost saving and increase in flexibility.

EASY TO USE MANAGEMENT SOFTWARE:

Application via which you can create, manage and distribute the content through the system. To facilitate the administrator task there is a library of templates to match the different requirements of your property.

This platform allows the management of users and groups, as well as the control of devices, content and events.

MULTIPLE FORMATS:

Capacity to integrate in the system the most commonly used multimedia formats used.

A TECHNOLOGY SOLUTION READY

FOR ANY TYPE OF INSTALLATION

THE TELEVES SOLUTIONS FACILITATE
THE ADAPTATION OF THE HOTEL
TO THE CURRENT AND FUTURE AUDIOVISUAL
REQUIREMENTS.

The advantages you will find are multiple and these will help to increase the quality of your property.

It will guarantee guest satisfaction since he will find services in line with his nationality, preferences and uses. You will be able to offer high speed secure internet access so he can continue working or just for him to enjoy a high quality connection.

The hotel will increase its profitability since the improvement of the current services will be done via equipment remotely configurable, of low consumption and with a qualified and close assistance. Furthermore, all the services that you deliver to your Guest act as an important promotion for your Premises and Brand. Your hotel will also be highly valued by its attractive channel list on offer, HD content, reliable high speed internet connection.

THERE ARE MANY HOTELS WORLDWIDE THAT HAVE TRUSTED TELEVES AND ITS MULTIMEDIA SOLUTIONS.

YOU CAN ALSO BECOME
A PART OF THIS SELECTIVE CLUB.











HOTEL, DOHA JABR BIN MOHD ST, DOHA - OATAR DOHA SEEF HOTEL, AL MUTHAF STREET, DOHA - QATAR

RETAJ ROYALE AL MEENA STREET, OLD SALATA - QATAR

DUNES HOTEL WEST BAY, DAFNA, DOHA - QATAR

AL SEEF HOTEL AL BESHAIRIYA ST, DOHA - QATAR

RETAJ AL RAYYAN HOTEL WEST BAY, DAFNA, DOHA - QATAR

AL SAAD HOTEL - QATAR

SALWA RESORT - QATAR

AL SHAREEF HOTEL NEAR AIRPORT, DOHA - QATAR

GEORGE II HOTEL BIN MAHMOUD, DOHA - QATAR KHAIRAN RESORTS KUWAIT

SAFIR AL BASTAKI SUITES HOTEL KUWAIT

SWISS BELL HOTEL BAHRAIN

JUMAIRAH BEACH RESIDENCE (JBH) DUBAI - UAE

GLORIA HOTEL DUBAI - UAE

TOWERS ROTANA- SHAIK ZAID ROAD DUBAI - UAE

SAHARI VILLAGE- HYATT GROUP DUBAI - UAE AL HAMRA HOTEL SHARJAH - UAE

ROTANA ALKHUWAIR MUSCAT - OMAN

SUR PLAZA HOTEL SUR - OMAN

AL WADI HOTEL SOHAR - OMAN

BAGHDAD HOTEL BAGHDAD - IRAO

BABYLON HOTEL BAGHDAD - IRAQ

BAGHDAD INTERNATIONAL AIRPORT VIP HOTEL BAGHDAD

KADEMIA PALACE 1 & 2 HOTEL BAGHDAD - IRAO

AL SHARQ AL AWSAT HOTEL KARBALA - IRAQ

AL HARITH HOTEL KARBALA - IRAO ATLAS HOTEL KARBALA - IRAQ

ZAMZAM HOTEL NAJAF - IRAQ

AL PASHA HOTEL BASRA - IRAQ

ROTANA HOTEL NASERIAH CITY - IRAQ



HOTEL ARAGÜANEY, SANTIAGO DE COMPOSTELA PARADOR DE CAMBADOS (PONTEVEDRA) BALNEARIO DE MONDARIZ (PONTEVEDRA) HOTEL LOUXO, A TOXA (PONTEVEDRA) HOTEL REAL, SANTANDER GRAN HOTEL LAKUA, VITORIA HOTEL PUENTE COLGANTE, PORTUGALETE (BIZKAIA) HOTEL CARLTON, BILBAO HOTEL VIURA, VILLANUEVA DE ÁLAVA HOTEL FENICIA IBIZA PALMA DE MALLORCA HOTEL MARRIOTT HOTEL CUPIDO HOTEL CATALONIA MA IORICA HOTEL GRAN CAMP DE MAR HOTEL FLAMINGO HOTEL NEPTUNO HOTEL FERRERA BLANCA HOTEL PLAYA MAR HOTEL GOLDEN TAURUS PINEDA DE MAR (BARCELONA) HOTEL ACAPULCO LLORET DE MAR (GIRONA) HOTEL 1898 (BARCELONA) HOTEL JAZZ (BARCELONA) HOTEL CATALONIA BERNA (BARCELONA) HOTEL VELA (BARCELONA) OHLA (BARCELONA) TRAVELODGE (BARCELONA) OLIVIA BALMES (BARCELONA) REINA ISABEL (BULL HOTEL) HOTEL DORADO BEACH (BULL HOTEL) HOTEL EUGENIA VICTORIA (BULL HOTEL) HOTEL RIU GRAN CANARIA

HOTEL PALACIO DE LUCES, COLUNGA (ASTURIAS)

HOTEL VILLA CORTÉS HOTEL SHERATON LA CALETA RESORT & SPA HOTEL APARTAMENTOS CLUB ATLANTIS HOVIMA HOTEL PERLA GRIS GRAND HOTEL QUISIANA (CAPRI) CASTA DIVA RESORT (LAGO DI COMO) HOTEL PANORAMAHAUS (AUSTRIA) HOTEL MARQUÉS DE LA ENSENADA (VALLADOLID) HOTEL ALAMEDA PALACE (SALAMANCA) HOTEL WESTIN PALACE (MADRID) HOTEL VILLA MAGNA (MADRID) HOTEL HOLIDAY INN (MADRID) HOTEL NH EUROBUILDING (MADRID) HOTEL HESPERIA (MADRID) PARADOR DE ALARCÓN PARADOR DE CUENCA SOUTHERN SUN HOTEL DUBAI BELSHALAT HOTEL DUBAI MOVENPICK HOTEL DUBAI PARK RESIDENCE HOTEL DUBAI EVA HOTEL DUBAL FUJAIRAH MARINE HOTEL BARACUDA BEACH RESORT PEARL HOTEL DUBAL AL BUSTAN HOTEL AL BUTEEN TOWER HOTEL KHAIRAN RESORTS - KUWAIT SAFIR AL BASTAKI SUITES HOTEL - KUWAIT SWISS BELL HOTEL - BAHRAIN HORIZON MANOR HOTEL, DOHA JABR BIN MOHD ST. DOHA DOHA SEEF HOTEL, AL MUTHAF STREET, DOHA - QATAR RETAJ ROYALE AL MEENA STREET, OLD SALATA - QATAR DUNES HOTEL WEST BAY, DAFNA, DOHA - QATAR AL SEEF HOTEL AL BESHAIRIYA ST, DOHA - QATAR Televes is the European leading manufacturer for the development of Telecommunications infrastructures in buildings and homes. With more than 50 years experience and products installed in more than 100 countries, Televes offers you the technological solution to integrate television, internet and data services efficiently in your property.

We develop and manufacture the solutions that we proposed, which is a guarantee of quality and service at your disposal, an added bonus to make sure that reality exceeds your expectations.

Televes guarantees the quality

of the personalized offer that we provide because we control each one of the parameters of the infrastructure, from design, manufacturing, installation and after-sale support.



Televes®

PASSION for QUALITY







