

# Case history Hotel Excelsior Venice

**FRACARRO**

## Fracarro

Established in 1933, today Fracarro is one of the most important European companies operating in audio-video-data signal reception and distribution as well as the active security field. The close relationship between the two sectors enables Fracarro to offer integrated solutions for the creation of "intelligent" buildings and homes, that can be linked up to interact worldwide, as well as the active security field. Fracarro's promise has always been our assurance to provide high quality products to compliment the wide range of services that we provide expressly dedicated to professionals.

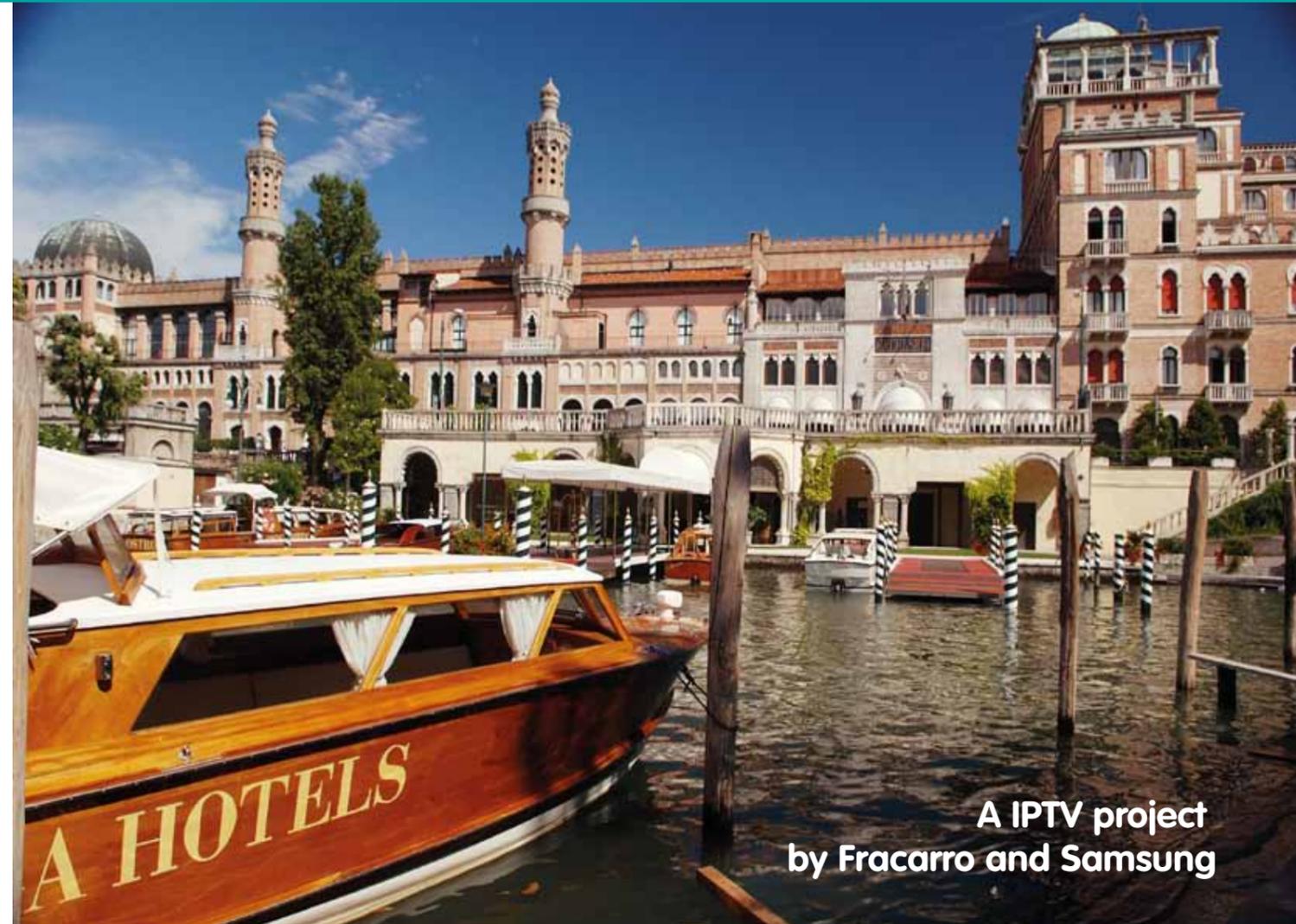
[www.fracarro.com](http://www.fracarro.com)

**SAMSUNG**

## Samsung Electronics

All over the world. Thanks to the continuous innovations and discovers, Samsung Electronics is transforming the world of TV, smartphones, PC, printers, cameras, appliances, LTE systems, semiconductors, medical equipment and LED solutions, employing 236.000 people across 79 Countries with 2012 consolidated sales of US\$187.8 billion.

[www.samsung.com](http://www.samsung.com)



**A IPTV project  
by Fracarro and Samsung**

In early 2013, the prestigious Hotel Excelsior Venice Lido Resort in Venice (Italy) decided to upgrade their facilities by redesigning more than 190 rooms and investing in new technology. Thanks to Fracarro and Samsung, the LAN network has been optimised and upgraded for the distribution of data and satellite TV signals; the TV sets have been enhanced with IPTV technology, a range of foreign channels have been implemented and the Wi-Fi service has been improved at all beach locations and outdoor common areas.

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## The solution



FRACCARO AERIALS

The aim was to integrate new services and technology and the project started with the installation of a new system for the reception of domestic and foreign TV SAT signals. Two antennas, the SIGMA8HD LTE and TERZA 6HD as well as two RO120N 1.2m dishes were used in the installation.

To transfer the signals from the antennas to the headend, located 7 floors below in the IT room, fibre optic cable was used to guarantee high efficiency and requiring a small space for cabling, therefore avoiding any major structural changes.



HEADLINE series

A headend from Fracarro's HeadLine series has been used to manage the signals, composed of 28 modules, for the conversion of digital terrestrial and satellite signals in to IP signals. The contents are then managed by the IT department who created a distribution system over a LAN network without using the coaxial cables.

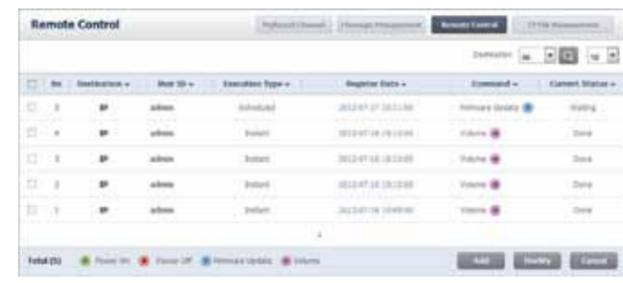


The cutting-edge TV's, thanks to the Samsung Smart Widgets, integrate over 500 multimedia Smart Apps and allow full HD 1080p resolution. In addition to live broadcasts the hotel can provide customised content in the language chosen by the guest at check-in.



590 series

The TV display system can be managed easily and the whole infrastructure can be controlled from a single location (TV on/off, volume control, personal and group messaging, customised channel list etc...).



## The advantages

The IPTV solution proposed by Fracarro and Samsung has brought considerable advantages to the Excelsior Hotel in terms of **services** offered to customers and **cost optimisation**

- Amalgamation of different types of services into a single solution, with a significant reduction in cost due to the simplification of the structure.
- Reduction of major structural changes thanks to the fibre optic distribution.
- Connectable to the hotel management system (PMS)
- Availability of internet and satellite TV signals on all LAN ports at the Hotel (wired and Wi-Fi).
- Distribution of more than 100 Italian and foreign programs (free to air and pay to view) including: CNN, France 24, CCTV, RT Russia Today, Al Jazeera, Bloomberg, TV5 Monde, NHK World TV, BBC and CNBC, Euro News, ZDF, 3sat, TVE International.
- Remote management of the headend to resolve any problems and for any necessary routine maintenance. e.g. The modification of the channel list without physical intervention to the TVs or tablet.