



CASE STUDY

TDF - COMPREHENSIVE BROADCAST SERVICES

Why TDF Works with POST Telecom for Comprehensive Broadcast Services

Télédiffusion de France (TDF) is one of Europe's premier operators of terrestrial and satellite broadcasting networks. It is present in many European countries, including France and Germany. With a reputation for maintaining a very high standard of quality, TDF's customers are confident their TV and radio stations will be on the air all the time.

TDF developed and operates a multi-format and multi-support platform for managing and distributing audio, video and data content to all types of receivers. For France, it delivers content from TV and radio studios to customers over its own land transmission network and satellite uplink facility in Nantes.

TDF holds the contract for transmitting the biggest French radio channels to FM transmitters all over France. To ensure continuous service, TDF requires complete, synchronised redundancy.

www.posttelecom.com

Post LUXEMBOURG Group





Choosing POST Telecom

TDF evaluated several proposals, and determined that POST Telecom was uniquely capable of meeting its selection criteria.

"We were very happy that POST Telecom offered a complete solution that was cost-effective, with an SLA that ensured 99.95% availability." – Christophe Allain, TDF Radio Sales Support.

Implementation

The system designed by POST Telecom starts by using the POST Telecom high bandwidth fiber network to transport signals from Paris to Luxembourg through a secure fiber link. The modulation and uplink of the signal to Eutelsat 5WA is performed at the POST Luxembourg teleport. All equipment at the teleport is completely redundant. Additionally, a restorable capacity option protects the service from transponder or satellite failure.

To put all services under one contract with TDF, POST Telecom has contracted directly with Eutelsat for satellite capacity. Complete symmetry with the TDF network and uplink facilities is provided, as is full redundancy and geographical diversity.

Challenge

TDF is known for providing high quality continuous service. Its reputation would be severely impacted if a problem within its network disrupted service, as it would have a national impact. That's why TDF decided to find a reliable vendor that could set up a redundant DVBS2 channel to the satellite Eutelsat 5WA (AB3). The vendor's system must work exactly in parallel with TDF's operation, so switchover would be immediate in case of network failure. And since the TDF network is operated internally, it required a partner that could offer matching redundant broadcasting services that could be integrated, synchronised and managed within their system.

Criteria for Selection

TDF established these criteria for vendor selection:

- Complete broadcast service offering
- Flexibility and ability to develop custom solutions
- Proven quality and technical excellence
- Cost-effective solutions
- SLA with high availability
- Experience

Result

TDF has achieved full redundancy through a fully synchronised, parallel system developed by POST Telecom. Working with one reliable vendor that is responsible for transport, modulation, uplink, restore capacity and satellite service makes it much easier for TDF to manage the entire system – saving time and money.

"Our two companies have formed an excellent partnership and are operating two systems that are perfectly synchronised. POST Telecom continues to be very responsive to TDF's needs." – Guillaume Rincé, TDF CTO



Learn more about POST Telecom' broadcasting services. www.posttelecom.com/media

ABOUT POST TELECOM

POST Telecom is part of POST Luxembourg, which is the incumbent Telecom operator of Luxembourg and was founded in 1842. It is a company with an international outlook, which consists of a diverse 4,500-member workforce from 47 different countries.

Its vision is to facilitate communication and ease the transfer of data and content between individuals and companies. POST Telecom is committed to delivering innovative global telecommunications, information technology and digital media services, and to providing high-performance national and international infrastructures.

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