



Solutions

- [Digital Terrestrial](#)
- [Mobile DTV](#)
- [System Integration](#)
- [Scientific Applications](#)
 - [Cancer Treatment](#)
 - [Fusion Research](#)
 - [Particle Acceleration](#)

[Home](#) » [Solutions](#) » [System Integration](#)

System Integration

Thomson Broadcast's System Integration team offers technology expertise and professional services to design and build custom solutions for complete transmission networks. We leverage our team of experienced engineers and best-in-class Thomson products to develop complete turnkey systems that power the world's leading broadcasters and network operators to broadcast more efficiently high quality signal.

This complete system integration offer includes:

- A complete range of Transmitters, auxiliaries and transmitter system equipment
 - TV and Radio transmitters
 - Auxiliaries: RF MUX and filter, earthing/grounding systems, water and air cooling systems
 - Transmitter system equipment: contribution networks, outdoor shelters, power energy systems, feeders, antennas and masts systems
- A Comprehensive range of services:
 - Frequency planning
 - Coverage study
 - System engineering
 - Site surveys
 - Supervision, installation and commissioning
 - Factory or Field Training programs
 - Management project
 - Network management system
 - Customer service engineering
 - Repair service
 - Off-air emergency customer service and parts
 - Preventive maintenance programs
 - Service Level Agreements