SFN in confidence

Single Frequency Networks in DVB-T, DVB-H, DTMB

SFN is a huge leverage for optimizing the use of frequency spectrum, improving RF coverage and increasing network reliability. A short interruption in the SFN distribution has a strong impact on the network’s reliability.

Benefits
- SFN adaptation seamless redundancy
- High grade SFN adapters
- Redundancy of two distribution paths
- SFN broadcast QoS and trend monitoring
- SFN network system supervision
- Uninterrupted service guarantee
- Complete range of SFN products

Points of Strength
- High grade SFN adapters
- SFN adaptation seamless redundancy
- Distribution
- Supervision
- Fastcast
- SFN streams Distribution over IP

A unique end-to-end solution for efficient SFN broadcasting

SFN solutions by SFN Experts

Products’ Technical Characteristics

SFN Adaptors

- 2x2 ASI inputs (MPEG2 TS)
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- Passive and advanced synchronization
- Correlates streams from inputs
- Standardized interfaces
- Dual ASI inputs
- Interoperable solutions

SFN streams Distribution over IP

- Fastcast
- SFN streams Distribution over IP
- One-way broadcast content (ASI)
- Monitoring Probe
- Outputs
- Multiple SFN streams Distribution over IP

SFN Network Test and Monitoring

- Network probes
- Test and monitoring
- Fastest field testers
- SFN Network Test and Monitoring
- Field Testers / Analyzers
- Network Management System
- System Testers / Monitors

- SFN over IP Gateway
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- SFN Analysis
- RF Analysis
- Field Testers / Analyzers
- Network Management System
- System Testers / Monitors

- Half a 19'' 1RU size, low consumption
- Programmable thresholds
- Round-robin, sequential analysis
- MER, BER, constellation, SNR...
- PSI/SI, AV decoding, Recording
- Full SNMP v2 support GET, SET, TRAP
- System based on Dataminer
- Dedicated Network Management

Centralized Supervision and Monitoring

- Fully manageable SFN Network
- Remote control from central remote supervision tool
- Transmission monitoring
- Monitoring of all SFN networks
- Time and date stamping
- Continuous feedback and instant alarms from the terminating locations/Networks

SFN solutions by SFN Experts

Products’ Technical Characteristics

SFN Modulators / Exciters

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