

Channelot iSplicer



Embedded Content Management Client

- **Content management client embedded in the Channelot 100 DVB-T/H Micro-Transmission Station**
- **Enables efficient network-wide distribution of region-specific program packages**
- **Offers dramatic savings in network distribution bandwidth and cost**

The iSplicer content management client is embedded in the Channelot 100 DVB-T/H Micro-Transmission Station. With iSplicer, efficient network-wide distribution of region-specific program packages is compatible with regional SFN synchronization. Using iSplicer, distribution network bandwidth and cost is typically reduced by 80-90%.

Function

Nationwide DVB-T/H networks that need to support region-specific program packages present a special challenge: one would like to avoid traffic duplication of common, national content over the distribution network by creating

a single, efficient multiplex. However, the demultiplexing that this entails at the remote transmitter is incompatible with SFN synchronization.

With iSplicer (Isochronous Splicer), the distribution network employs one multiplex that carries no duplicate traffic. The iSplicer client extracts the program package relevant to the specific region and re-creates the SFN-compliant DVB-T/H multiplex.

Features and Benefits

- Distribution network is optimized to carry only one copy of each program, resulting in an 80-90% bandwidth savings
- iSplicer client extracts the location-specific program package and re-creates the synchronous SFN output multiplex
- Remote in-band management enables flexibility in network configuration
- iSplicer client is embedded in the Channelot 100 DVB-T/H Micro-Transmission Station, at no increase in footprint of the transmitter site solution

