



EXPLORING THE DIGITAL WORLD

PSI / SI Generator

Managing and Monitoring the Stream Processor



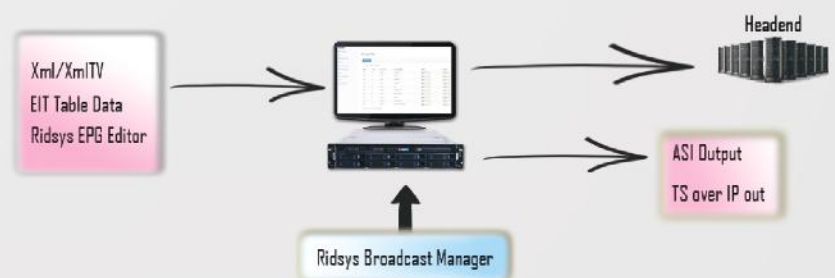


About PSI/SI

Ridsys PSI/SI generator that plays out DVB service information. The server generates Program Specific Information (PSI) and Service Information data for multiple target transport streams. PSIGen generates all the required tables, namely PAT,CAT, BAT, PMT, NIT, SDT EIT-PF actual/other.

Why PSI/SI Generator ?

- Multiple Transport stream table generation over ASI and IP interfact.
- Supports management of logical channel numbers
- Content Descriptr support to define the type of content (comedy, talk show etc..)
- Parental ratings for events
- Flexibility to add customised and private descriptors
- Generates all DVB-SI/PSI tables, EIT, EIT-PF, EIT Schedule for several days or weeks
- PID filtering module to pass the PID form an incoming input to the output
- Supports middleware
- An optional module to extrc tables & Descritors from incoming feed ad edit them as required
- Easy to use graphcal user interface.
- Independent of delivery network (cable, Terrestrial, Satellite, IP)
- Mirrored ASI output or IP interface

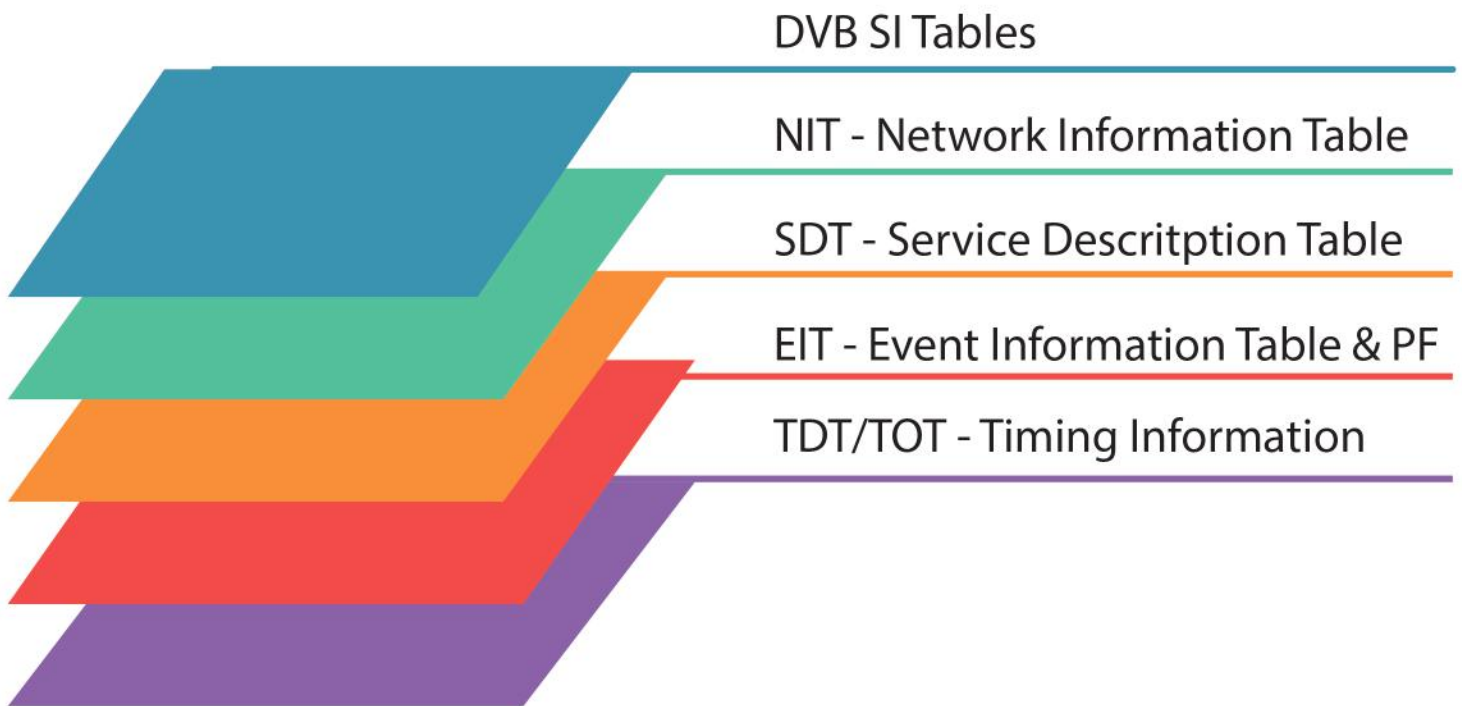


Key Features

- ▶ PSI and SI Table Generation
- ▶ table Injection Carousel Static and Dynamic
- ▶ Insertion of DVB PSI/SI Descriptors with MPEG-4 Definition
- ▶ DVB-C Broadcasting
- ▶ Configure table layout interval
- ▶ Generates DVB standard and private, generic descriptors
- ▶ Verifies and maintains table consistency and data integrity among the various DVB tables
- ▶ Supports system software updates(DVB-SSU)
- ▶ Automatic EPG schedule data import eg: XML/SDF format
- ▶ Supports different redundancy models to meet highest resilience requirements



Tables Generated



Specification

2RU rackamount System

RAID Configuration

450W High Efficiency Power Supply

2TB SATA Hard Disk Drive

USB(4) - SATA(6) Ports

Integrated Graphics