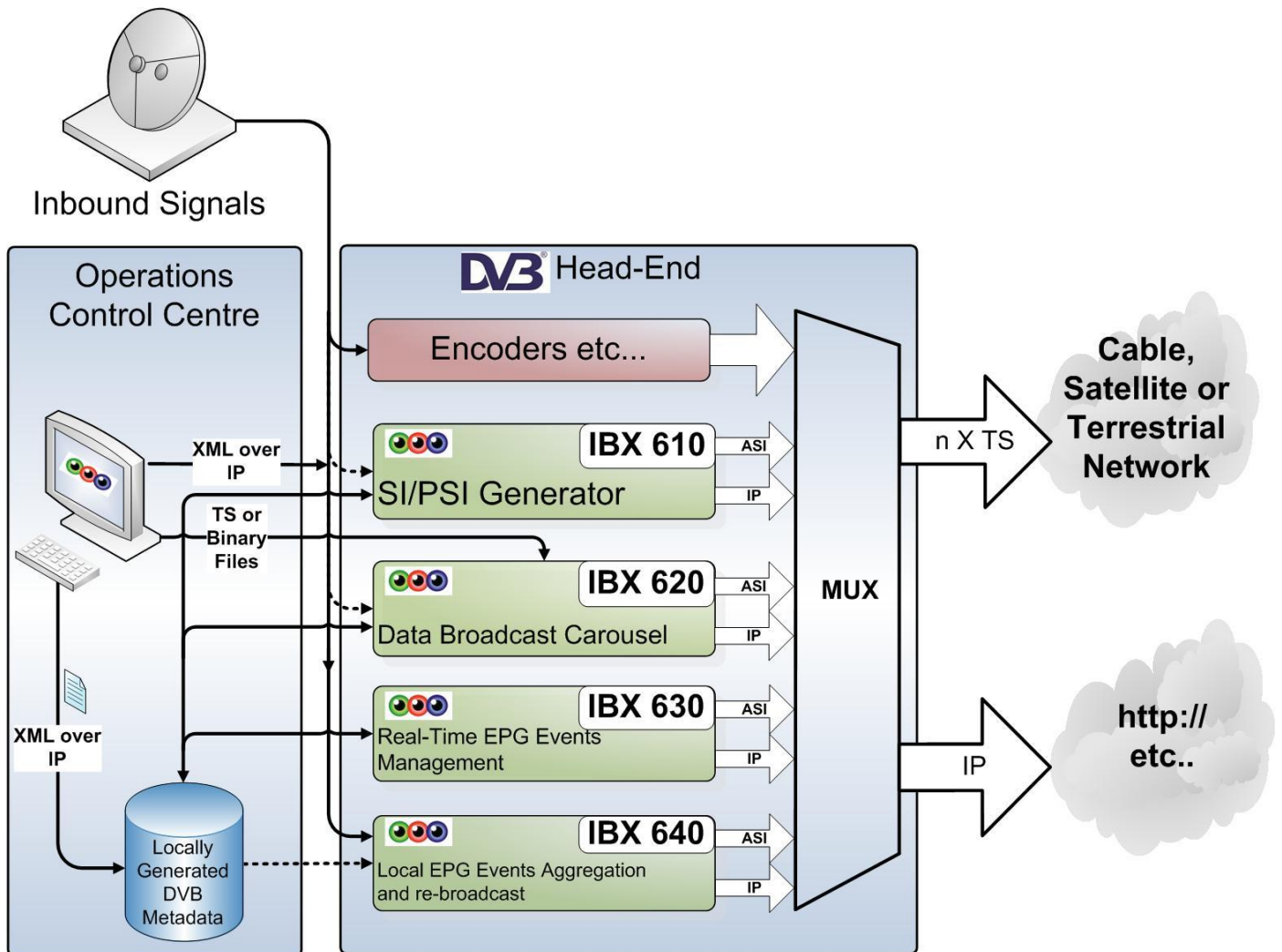


Intellibyte IBX 600 Series Platform

Reliable, real-time Data, SI and EPG processing, manipulation, re-aggregation and broadcast

A platform for capturing, generating, modifying and inserting MPEG-SI, DVB-SI, ATSC PSIP, EPG and DSM-CC data in to MPEG streams. The foundation of the platform is the IBX 600 1U rack-mounted chassis with minimal software that allows the transmission of PAT, PMT, TOT and TDT. Rarely used alone, the IBX-600 is normally combined with additional modules on the same server. The result is a configurable and scalable solution that can be used to meet a wide range of complex requirements.

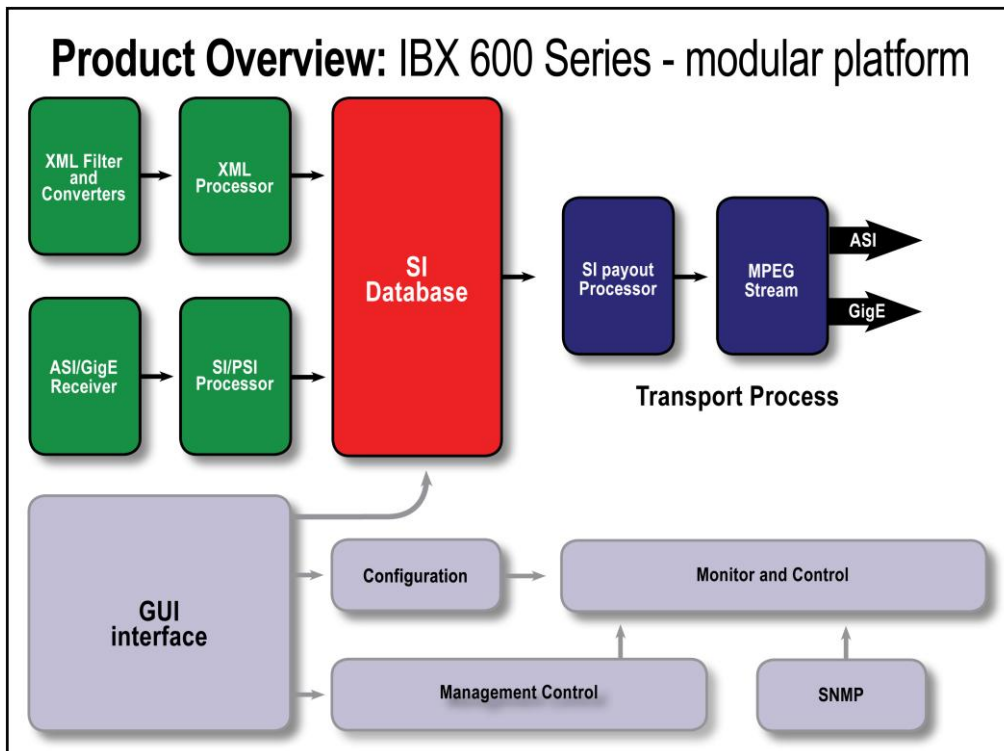


Modules:

- **IBX-610** – the ability to generate, edit and inject SI data and transmit NIT, BAT and SDT through a single or multiple terminals (actual/other), while continually maintaining data consistency and integrity
- **IBX-620** - DSM-CC data broadcast carousel (DBC) functionality primarily to support simultaneous, multi-standard OTA-SSU solutions
- **IBX-630** – the ability to generate, edit and inject EPG data, and transmit DVB-EIT (actual/other), present/following tables.
- **IBX-640** – All of the IBX-630 features, plus real-time EPG data re-aggregation and broadcast
- **IBX-6XX** – Custom solutions specific to your needs

Features:

- 1,5,9 or 16 ASI inputs for data capture
- Graphical User Interface (GUI) driven by XML configuration files
- Fixed or variable net output bit rates of 10 kbps to 80Mbps
- Easily scalable
- User configurable
- Support for standard and private descriptors
- Output on DVB-ASI or IP Multicast
- Flexible repetition rate control
- Full 32 transport stream support via table PID remapping
- Flexible data input/output format including XML
- Supports static and dynamic tables
- SNMP management control and monitoring
- Professional Services for setup, validation and configuration are available



Conforms to standards:

- DVB EN 300 468
- DVB EN 301 192
- DVB-SSU TS 102 006 including UNT and enhanced profile
- EuroLoader 1.2b
- NorDig Basic and unified
- UK object carousel based DTG D.Book
- Raw TS (trp)

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